



Valve Data Manual

Edition · 20

for models

CT 160 · VT 160

VCM mk 1 · VCM mk 2 · VCM mk 3 · VCM mk 4 · VCM 163



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ABBREVIATIONS

| | |
|-----------------|---|
| CCR | Cold Cathode Rectifier |
| D | Diode |
| DD | Double Diode |
| DDD | Triple Diode |
| DDDD | Quadruple Diode |
| DT | Diode Triode |
| DDT | Double Diode Triode |
| DP | Diode Pentode |
| DDP | Double Diode Pentode |
| gm | Mutual Conductance in milliamperes per volt |
| H | Heptode or Hexode |
| Ia | Anode current in milliamperes |
| N | Nonode |
| O | Octode |
| P | Pentode or Tetrode |
| PP | Double Pentode or Double Tetrode |
| T | Triode |
| TH | Triode Heptode or Triode Hexode |
| THY | Thyratron |
| TI | Tuning Indicator |
| TP | Triode Pentode |
| TT | Double Triode |
| TTT | Triple Triode |
| R | Half-wave rectifier |
| RR | Full-wave rectifier |
| Ra | Anode Circuit resistance |
| Va | Anode voltage |
| Vf | Heater voltage |
| Vg ₁ | Control grid voltage |
| Vg ₂ | Screen grid voltage |
| VCM | Valve Characteristic Meter |
| X, Y, Z | Are positions on the Pin Selector switches on the VCM 163 |

SYMBOLS

* INTERNAL CONNECTION

Among Selector Switch settings, this indicates that the valve pin is connected inside the valve to an electrode for the purpose of improving mechanical rigidity. As the internal connection may be to a different electrode for any given valve type, **it is essential that this pin be left unconnected** to the valve tester (Selector Switch to 0). If it is required to know which electrode is internally connected to the asterisked pin, this may be done with an ohmmeter on a sufficiently low range to discriminate between heater resistance and a direct connection.

† TRIPLE DIODE TESTING

Among Selector Switch settings, this indicates the pin connecting the third diode (d'''). With the earlier generations of testers (all other than VCM 163) this requires a special testing procedure for d'''. Please refer to the Operating Instructions for the tester concerned.

† EXTERNAL ANODE LOAD

A dagger appearing in the gm data column indicates that the figure given is the value of the external anode load (Ra) to be inserted for the test. Please see notes on Testing Tuning Indicators, Cold Cathode Rectifiers, Gas-filled Rectifiers and Thyratrons.

() HIGH CURRENT HEATERS

Brackets around heater voltage, e.g. (5), indicate that a tester voltage setting higher than that specified by the valve manufacturer should be used to compensate for voltage drop at the valve base, occurring in the case of high current heaters.

ξ SECONDARY EMISSION

This symbol against a type number indicates a valve susceptible to secondary emission (back emission) from the anode. For these valves two alternative sets of figures are given.

φ GRID CURRENT ERRORS (VCM1 and VCM2 only)

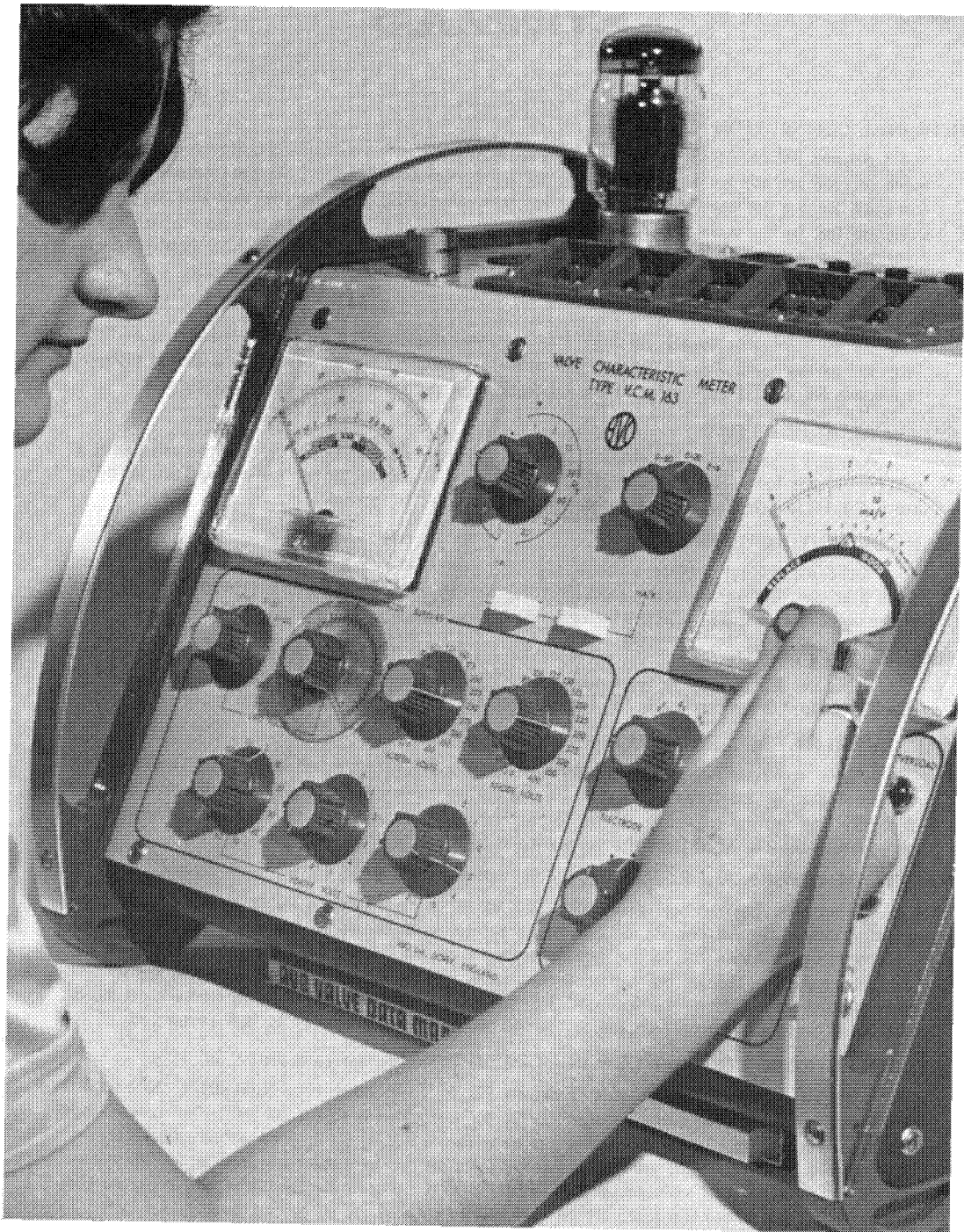
Next to a type number, this indicates a valve calling for V_{g1} of less than 1V and which is susceptible to grid current. This current may increase the grid bias voltage, giving rise to unexpectedly low mutual conductance readings. For these valves, two alternative sets of figures are given which only need be used if testing with a VCM1 or VCM2.

Δ VALVES OF LOW ANODE RESISTANCE (all testers except VCM 163)

Next to type number, this indicates a valve which is likely to give Ia and gm readings considerably different from the valve makers data. With the earlier generations of AVO valve testers this effect was due to the internal anode resistance of the valve (ra) being of a very low value, approaching that of the anode current measuring circuit of the tester (approx. 200Ω). To overcome this limitation, the readings of Ia and gm obtained should be compared with those of a known good valve. Ia and gm values quoted are for use with the VCM 163 Tester only.

□ INTER-ELECTRODE TESTS AT LOW VOLTAGE ONLY (all testers except VCM 163)

Next to a type number, this indicates a specialised valve type (thyatron, close-spaced VHF triode etc.) whose manufacturer has placed a very low limit on the inter-electrode voltage ratings. These restrictions apply whether the valve is hot or cold. The earlier generations of AVO valve testers should not be used for inter-electrode insulation testing on these few types, because the test voltage used is 150V (peak). The limitation does not apply to the tester VCM 163 where the test voltage used is 50V d.c.



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WARNINGS

USE OPERATING INSTRUCTIONS

This book does not replace Operating Instructions supplied with the various AVO Valve Tester models.

ELECTRIC SHOCK

Users of AVO Valve Testers are warned that voltages of up to 450V may be present on valve sockets and link terminals (where provided) for external component connections.

CONSTANT VOLTAGE TRANSFORMERS

In the interests of accuracy, it is recommended that AVO Valve Testers should NOT be powered from a constant voltage transformer, unless it is known that the 3rd and 5th harmonic content is of negligible proportion.

DAMAGE TO VALVES

While every care has been taken in the preparation of this manual, the publishers cannot accept any responsibility for damage caused to any valve under test, or to the instrument, resulting from incorrect information.

TRADE MARKS

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USING THE AVO VALVE MANUAL

USE WITH AVO VALVE TESTERS

This manual is published primarily as an aid to users of AVO valve testers in setting up their instrument for each valve type. The operating procedure and some instrument limitations vary according to the tester model concerned and users should obtain this class of information from the Operating Instructions supplied with the tester.

The AVO instruments covered by this manual are:

| | |
|----------|----------------------------------|
| VCM 163 | Valve Characteristic Meter |
| VCM mk 1 | Valve Characteristic Meter |
| VCM mk 2 | Valve Characteristic Meter |
| VCM mk 3 | Valve Characteristic Meter |
| VCM mk 4 | Valve Characteristic Meter |
| VT 160 | Valve Tester, Commercial Version |
| CT 160 | Valve Tester, Services Version |

USE FOR INDEPENDENT REFERENCE

The manual is also a useful source of basic valve data, indexed by type number only, without the need to know the valve manufacturer. Valve characteristics are given directly, in tabular form and pin connections may be obtained by decoding the selector switch settings for VCM 163 (p. xi).

MULTIPLE VALVES

For multiple valves (e.g. triode-pentodes), two lines of characteristic data are given in this manual. The section with the fewer electrodes is given on the top line (e.g. triode, in a triode-pentode). This is usually obvious from the absence or presence of a V_{g2} value in the tables. Where the two sections have identical characteristics (e.g. a double triode) only one line is given. For quadruple diodes (e.g. 6JU8) the anodes of D1 and D3 are coupled internally to the cathodes of D2 and D4. In these cases, two lines of pin Selector Switch settings are given in order that each diode pair may be tested separately.

TYPE VARIANTS

Usually indicated by suffix letters added by the manufacturer to the basic type numbers;

| | | |
|-----------|------------|---------------------------------|
| Example 1 | Basic type | 6L6 |
| | Variants | 6L6A, 6L6B, 6L6G, 6L6GT, 6L6GTA |

In this example, the variations concern the glass bulb or base and do not affect the characteristics. Therefore only one entry is given in this manual, under basic type 6L6, which is equally valid for testing all the variants shown in the example.

| | | |
|-----------|------------|-------|
| Example 2 | Basic type | PL81 |
| | Variant | PL81A |

In some cases the variant does have different characteristics from the basic type and in these cases the manual gives separate entries.

FLYING LEAD VALVES

AVO Valve Testers VCM 163, VCM 4, CT 160 and VT 160 have special connecting sockets for flying lead valves. In other tester models valves with solder-in wire leads, in place of the normal plug-in type of base, may be tested by inserting the wires carefully into a suitable valve holder on the tester. As each flying lead valve is usually a variant of a normal based type, it is best to use the socket appropriate to the based type.

In the case of Brimar flying lead valves, these have prefix letters F/, FF/, SF/, SX/, or XF/ before the basic type number, e.g. F/6064. The AVO Valve Manual gives the test data under the basic type number 6064 but not under the flying lead variant F/6064.

TUNING INDICATORS

Special procedures are required for testing cathode ray tuning indicators, full details of which are given in the Operating Instruction book with each tester. Testers type VCM 1 and VCM 2 are not suitable for testing tuning indicators.

The tester screen-grid switch is used to connect the target supply and the voltage required is given in the V_{g2} column of this manual. An external anode load resistor is required and this may be connected between the Anode Link terminals on the tester. The value of the resistor required is given in the gm data column, keyed with a dagger symbol †. At the approximate bias given in the V_{g1} column, the triode section should be at cut-off and the display showing the minimum area.

On reducing the grid bias to zero, the illuminated area should increase to maximum and the anode current should be approximately that given in the I_a column.

For dual sensitivity indicators, two lines of data are given, the upper line relating to the more sensitive indication.

THYRATRONS

Special procedures are required for testing thyratrons, full details of which are given in the Operating Instructions book with each tester. Testers VCM 1 and VCM 2 are not suitable for the testing of thyratrons.

The applied anode voltage for testing thyratrons is given in the V_a column of this manual in the usual way. The resistance figure given in the g_m column is the value of external load to be connected between the Anode Link terminals on the tester. With I_a meter on the highest range, V_{g_1} is set to maximum and then reduced until the valve strikes. The value of current flow to be expected is given in the I_a column of this manual.

COLD CATHODE and GAS FILLED RECTIFIERS

Testing valves of these types requires the external connection of a suitable range limiting resistor between the Anode Link terminals of the AVO tester, in order to protect the valve from damage. The value of resistor to use is given in the g_m column of this manual. Testers VCM 1 and VCM 2 are not suitable for testing these rectifiers.

HIGH VOLTAGE RECTIFIERS

Test data for high voltage rectifiers requires a different format and special test procedure. The information on testing these types appears separately in Appendix 1 in this manual.

VOLTAGE STABILISERS

Voltage stabiliser valves (e.g. OA2, QS75/20, STV108-30, VR75/30) are not included in this manual because they cannot be fully tested on AVO Valve Characteristic Meters.

SETTING UP TESTER

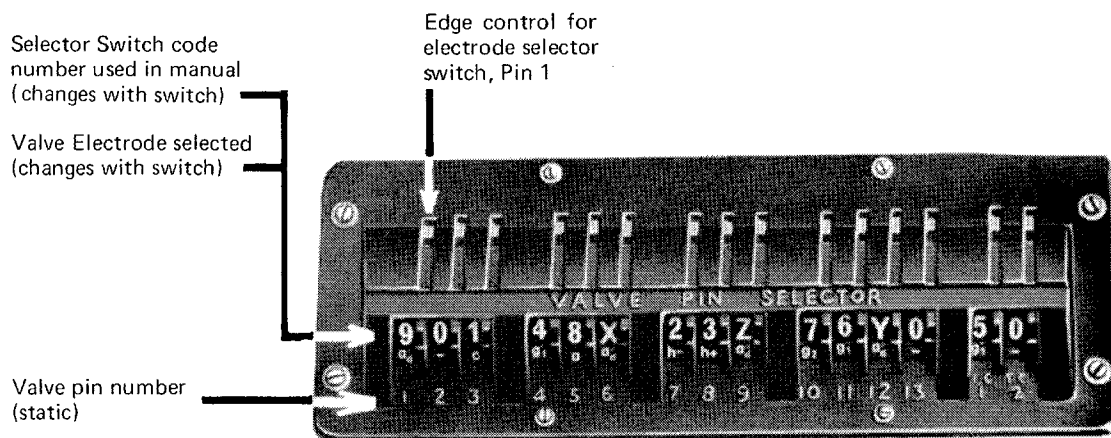
FROM

VALVE MANUFACTURER'S DATA

This Valve Data Manual lists over 7,900 different types but should a valve be encountered which is not included, AVO testers may be set up from data supplied by the valve manufacturer.

PROCEDURE

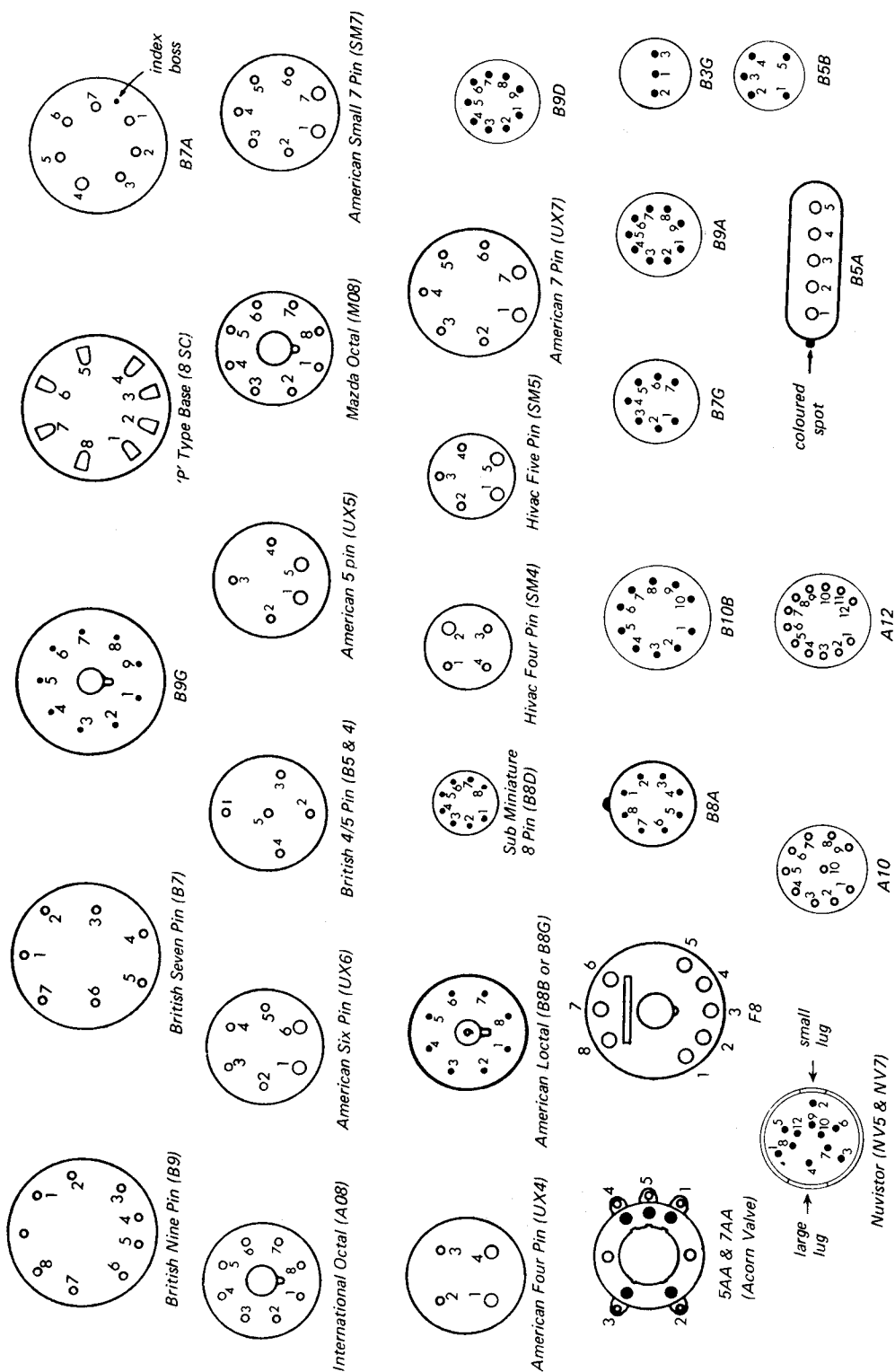
- 1 Look up the valve in the manufacturer's data and refer to the base diagram.
- 2 Set the Selector Switch for Pin 1 (on the left hand end of the barrel switch assembly on the AVO valve tester) to the electrode given by the valve maker. The roller selectors are engraved with the standard electrode letter symbols, as well as switch position code numbers used in this manual.
- 3 Repeat for remaining pin connections
- 4 Set electrode supplies from valve manufacturer's "Characteristics" data. Do not use figures given under headings of "Maximum Ratings" or "Typical Operation".
- 5 Plug valve into appropriate socket and proceed with normal test in accordance with the Operating Instructions for the tester concerned.



Top view of the barrel switch assembly on an AVO VCM 163.
Other tester models are similar, but some have fewer switch rollers

STANDARD NUMBERING OF VALVE PINS

(viewed from underside of socket)



NOTE: This is not a diagram of the socket panel of any AVO valve tester

FINDING PIN CONNECTIONS

FROM

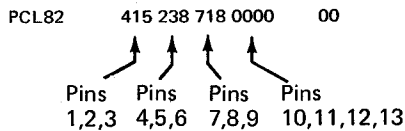
AVO VALVE DATA MANUAL

When using the AVO Valve Data Manual for independent reference in servicing work, the valve characteristics information is read out directly, but the valve pin connections need decoding.

This is easily done by taking the 'Selector Switch' and 'Top Cap' code numbers given in the VCM 163 columns of the AVO Valve Data Manual and decoding them by reference to the following tables and to the standard valve pin numbering diagrams on the facing page.

PIN DECODING TABLES

| VALVE TYPE | VCM163 only | |
|---------------|--------------------|------------|
| | SELECTOR SWITCH | TOP CAP |



| Electrode Selector Switch Code Number in Valve Manual | Electrode Symbol | Electrode |
|---|---------------------|--------------------------------|
| 0 | — | None |
| 1 | C | Cathode |
| 2 | h— | Heater |
| 3 | h+ | Heater |
| 4 | g ₁ ' | Control grid |
| 5 | g ₁ " | Control grid of second section |
| 6 | g ₁ "' | Control grid of third section |
| 7 | g ₂ | Screen grid |
| 8 | a | Anode |
| 9 | ad ' | First Diode anode |
| X | ad " | Second Diode anode |
| Y | ad "' | Third Diode anode |
| Z | ad "" | Fourth Diode anode |

EXAMPLE

For PCL82, Pin 1 is shown in the AVO Manual as Electrode Code 4. Decoding table shows Code Number 4 always represents Control Grid. Hence Pin 1 is Control Grid. The position of Pin 1 is found from the Standard Pin Numbering Diagram.

VALVE SOCKET ADAPTORS

If the required valve socket is not already fitted to your AVO valve tester, one of the socket adaptors may provide a solution.

The following adaptors were available, at the time of going to press, from:

AVO Ltd,
Archcliffe Road,
Dover, Kent. CT17 9EN
Telephone: Dover (0304) 202620

ADAPTORS

| VCM 163 ONLY | | | VCM 3 VT 160 | | VCM 4 CT 160 | | VCM 1 | | VCM 2 | | |
|---------------|----------------------|----------------|-----------------|-----------------------|-----------------|---------------|-------------------------|----------------|---------------|-------------|----------------|
| Adaptor No | Socket type | Plugs in to | Adaptor No | Socket type | Plugs in to | Adaptor No | Socket type | Plugs in to | Adaptor No | Socket type | Plugs in to |
| 2 | B9G | AO8 | 5 | Fit your own socket | AO8 | 1 | B7G and B8A | | | | |
| 3 | B8B (loctal) | AO8 | 6 | SM7 (to fit SA7 base) | AO8 | | (Miniature and Rimlock) | AO8 | | | |
| 4 | B3G | AO8 | 9 | B7A | AO8 | 2 | B9G | AO8 | | | |
| 5 | Fit your own socket | AO8 | 10 | 5AA and 7AA (Acorn) | AO8 | 3 | B8B (Loctal) | AO8 | | | |
| 6 | SM7 (fits SA7 base) | AO8 | 11 | B5A (5 flying leads) | AO8 | 4 | B3G | AO8 | | | |
| 9 | B7A | AO8 | | | | 5 | Fit your own socket | AO8 | | | |
| 10 | 5AA and 7AA (Acorn) | AO8 | | | | 6 | SM7 (fits SA7 base) | AO8 | | | |
| 15 | UX4 (American 4-pin) | SP14 | | | | 9 | B7A | AO8 | | | |
| 17 | UX6 (American 6-pin) | SP14 | | | | 10 | 5AA and 7AA (Acorn) | AO8 | | | |
| 18 | UX7 (American 7-pin) | SP14 | | | | 11 | B5A (5 flying leads) | AO8 | | | |
| 19 | MO8 (Mazda octal) | SP14 | | | | | | | | | |
| 20 | B7 (British 7-pin) | SP14 | | | | | | | | | |

AVO VALVE DATA MANUAL 19th EDITION

TEST DATA FOR RECEIVING AND SMALL TRANSMITTING VALVES

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | V _f | V _{g1} | V _a | V _{g2} | I _a mA | gm mA/V †R _a MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|----------------|-----------------|----------------|-----------------|----------------------|-------------------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 0Z4 | 008 080 101 0000 | 00 | 007 060 010 | | | | 250 | | 58 | †3k | A08 | CCR |
| 00 | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 0 | 40 | | 1.0 | 0.66 | UX4 | T |
| 00A | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 0 | 40 | | 1.5 | 0.66 | UX4 | T |
| 01 | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 2.5 | | UX4 | T |
| 01A | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 9 | 150 | | 3 | 0.8 | UX4 | T |
| 01AA | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 3.2 | 0.9 | UX4 | T |
| 01B | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 2.5 | 0.72 | UX4 | T |
| 06F90 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 1.1 | 20 | 20 | .05 | 0.1 | B5A | P |
| 054V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 100 | | | 4 | B5 | T |
| 084 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.0 | 150 | | 4.0 | 1.4 | B4 | T |
| 1 | 291 300 000 0000 | 00 | 281 300 000 | | 6 | | | | 60 | | UX4 | R |
| 1A3 | 291 009 300 0000 | 00 | 281 008 300 | | 1.4 | | | | | | B7G | D |
| 1A4 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 150 | 75 | 2.2 | 0.6 | UX4 | P |
| 1A4E | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 150 | 75 | 2.2 | 0.6 | UX4 | P |
| 1A4P | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 90 | 75 | 2.2 | 0.7 | UX4 | P |
| 1A4T | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 3 | 150 | 75 | 2.2 | 0.6 | UX4 | P P |
| 1A5 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 4.5 | 90 | 90 | 4 | 0.85 | A08 | P |
| 1A6 | 288 473 000 0000 | 40 | 266 453 000 | G1 | 2 | 0 | 150 | 75 | 3 | 0.4 | UX6 | P |
| 1A7 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 1A7 | 028 748 300 0000 | 40 | 026 546 300 | G1 | 1.4 | 0 | 90 | 50 | 1.8 | 0.5 | A08 | H |
| 1A8 | 328 748 290 0000 | 40 | 327 546 280 | G1 | 1.4 | | 90 | 90 | 1.2 | 0.7 | A08 | DTP |
| 1AB5 | 387 004 220 0000 | 00 | 365 004 220 | | 1.2 | 1.5 | 150 | 150 | 6.8 | 1.35 | B8B | P |
| 1AB6 | 287 481 300 0000 | 00 | 265 461 300 | | 1.4 | 4.1 | 60 | 60 | 1.65 | 0.1 | B7G | H |
| 1AC5 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 4.5 | 60 | 60 | 2.0 | 0.75 | B8D | P |
| 1AC6 | 288 484 300 0000 | 00 | 266 464 300 | | 1.4 | 4.0 | 60 | | 4 | 2.2 | B7G | H |
| 1AD2 | 200 000 000 0030 | 90 | | | 1.25 | | | | 30 | | A12 | R |
| 1AD4 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1.6 | 90 | 90 | 5.7 | 2.3 | B5A | P |
| 1AD5 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 3.0 | 60 | 60 | 1.85 | 0.73 | B8D | P |
| 1AE4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.2 | 0 | 90 | 90 | 3.5 | 1.55 | B7G | P |
| 1AE5 | 842 473 000 0000 | 00 | 642 453 000 | | 1.2 | | 40 | 40 | 0.9 | 0.2 | B5A | P |
| 1AF4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 90 | 1.65 | 0.95 | B7G | P |
| 1AF5 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 0 | 90 | 90 | 1.1 | 0.6 | B7G | DP |
| 1AF33 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | | 60 | 60 | 1.6 | 0.5 | B7G | DP |
| 1AF34 | 209 784 300 0000 | 00 | 208 564 300 | | 1.2 | | 60 | 60 | 1.6 | 0.5 | B7G | DP |
| 1AG4 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3.6 | 40 | 50 | 2.4 | 1 | B5A | P |
| 1AG5 | 879 243 000 0000 | 00 | 658 243 000 | | 1.2 | 2 | 40 | 40 | 0.2 | 0.2 | B5A | DP |
| 1AH4 | 872 473 000 0000 | 00 | 652 453 000 | | 1.2 | | 40 | 40 | 0.7 | 0.7 | B5A | P |
| 1AH5 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 1.5 | 60 | 60 | 0.17 | 0.17 | B7G | DP |
| 1AJ4 | 287 124 300 0000 | 00 | 265 124 300 | | 1.4 | 0.8 | 75 | 75 | 1.4 | 0.65 | B7G | P |
| 1AJ5 | 879 243 000 0000 | 00 | 658 243 000 | | 1.2 | | 40 | 40 | 1 | 0.4 | B5A | DP |
| 1AK4 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 40 | 40 | 0.7 | 0.7 | B5A | P |
| 1AL4 | 387 004 020 0000 | 00 | 365 004 020 | | 1.4 | 4.5 | 90 | 90 | 4 | 0.8 | B8B | P |
| 1AM4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | | 90 | 60 | 2.4 | 0.3 | B7G | P |
| 1AN5 | 287 224 300 0000 | 00 | 265 224 300 | | 1.4 | 0 | 60 | 60 | 1.0 | 0.7 | B7G | P |
| 1AQ5 | 288 424 300 0000 | 00 | 266 424 300 | | 1.4 | | 90 | 40 | | | B7G | H |
| 1AR5 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | | 60 | 60 | 0.9 | 0.5 | B7G | DP |
| 1AS4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 90 | 1.6 | 0.85 | B7G | P |
| 1AS5 | 287 904 300 0000 | 00 | 265 804 300 | | 1.4 | | 60 | 60 | 0.9 | 0.5 | B7G | DP |
| 1AU3 | 030 000 200 0000 | 90 | 030 000 200 | D1 | 1.2 | | | | | | A08 | D |
| 1AX2 | 230 232 032 0000 | 00 | 230 232 032 | D1 | 1.4 | | | | | | B9A | D |
| 1AY2 | 230 000 000 0000 | 90 | 020 000 300 | D1 | 1.25 | | | | | | B3G | D |
| 1B1P | 209 784 300 0000 | 00 | 208 564 300 | | 1.2 | 0 | 60 | 40 | 1.0 | 0.25 | B7G | P |
| 1B3 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 1.2 | | | | | | A08 | D |
| 1B4 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 200 | 60 | 1.7 | 0.6 | UX4 | P |
| 1B4P | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 90 | 75 | 1.6 | 0.6 | UX4 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|----------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 1B4T(T) | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 3 | 150 | 75 | 1.7 | 0.6 | UX4 | P |
| 1B5 | 289 X43 000 0000 | 00 | 268 943 000 | | 2 | 3 | 150 | | 0.8 | 0.57 | UX6 | DDT |
| 1B5L | 389 X42 000 0000 | 00 | 368 942 000 | | 2 | 3 | 100 | | 0.8 | 0.5 | UX6 | DDT |
| 1B6 | 287 408 300 0000 | 00 | 265 406 300 | | 1.4 | 1.5 | 90 | 75 | 1.5 | 0.75 | B7G | P |
| 1B7 | 028 748 300 0000 | 40 | 026 546 300 | G1 | 1.4 | 0 | 90 | 50 | 1.5 | 0.8 | A08 | H |
| 1B8 | 038 748 290 0000 | 40 | 037 546 280 | G1 | 1.4 | [6 6 | 90 | 90 | 0.1 | 0.3 1.1 | A08 | DTP |
| | 038 758 290 0000 | 40 | | | | | 90 | | 6.3 | | | |
| 1BC2 | 100 010 000 0000 | 00 | | A | 1.25 | | 100 | | 10.0 | | B9A | D |
| 1BY2 | 110 011 010 0110 | 00 | | A | 1.25 | | 225 | | 7.0 | | A12 | D |
| 1C | 29X 300 000 0000 | 00 | 289 300 000 | | 6 | | | | | | UX4 | DD |
| 1C1 | 288 424 300 0000 | 00 | 266 424 300 | | 1.4 | 4 | 75 | | 4.5 | 1.2 | B7G | H |
| 1C3 | 288 484 300 0000 | 00 | 266 464 300 | | 1.4 | | 60 | | 3 | | UX4 | P |
| 1C4 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 0 | 150 | 75 | 2.5 | 1 | A08 | P |
| 1C5 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 7.5 | 90 | 90 | 7.5 | 1.5 | A08 | P |
| 1C6 | 388 472 000 0000 | 40 | 366 452 000 | G1 | 2 | 0 | 150 | 75 | | 1 | UX6 | H |
| 1C7 | 028 748 300 0000 | 40 | 026 546 300 | G1 | 2 | 0 | 150 | 75 | | 1 | A08 | H |
| 1C8 | 240 238 740 0000 | 00 | 240 236 540 | | 1.2 | 0 | 30 | 30 | 0.3 | | B8D | H |
| 1C91 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 2.5 | 150 | | 7 | | B5A | T |
| 1C91 | 028 448 300 0000 | 00 | 026 447 300 | | 1.2 | 2.5 | 125 | | 7 | | A08 | TT |
| 1D3 | 402 308 080 0000 | 00 | 402 306 060 | | 1.2 | 5 | 90 | | 12.5 | 3.4 | B8A | T |
| 1D4 | 284 730 000 0000 | 00 | 264 530 000 | | 2 | 6 | 150 | 150 | 9.5 | 2.4 | UX5 | P |
| 1D5 | 902 310 000 0000 | 00 | 802 310 000 | | 40 | | | | 120 | | B5 | R |
| 1D5EG | 028 700 300 0000 | 40 | | | 2 | 3 | 150 | 60 | 2.2 | 0.7 | A08 | P |
| 1D5GT | 028 700 300 0000 | 40 | 026 500 300 | G1 | 2 | 3 | 150 | 75 | 2.2 | 0.6 | A08 | P |
| 1D6 | 290 193 000 0000 | 00 | 280 183 000 | | 25 | | | | | | UX6 | R |
| 1D7 | 038 748 200 0000 | 40 | 036 546 200 | G1 | 2 | 0 | 150 | 75 | 3 | 0.42 | A08 | P |
| 1D8 | 038 748 290 0000 | 50 | 037 546 280 | G1 | 1.4 | [0 9 | 90 | | 1.1 | 0.5 0.9 | A08 | DTP |
| | | | | | | | 90 | | 5 | | | |
| 1DN5 | 287 904 300 0000 | 00 | 265 804 300 | | 1.4 | | 60 | 60 | 2.1 | 0.6 | B7G | DP |
| 1E3 | 402 203 080 0000 | 00 | 402 203 060 | | 1.2 | 0 | 150 | | 20 | 3.5 | B9A | T |
| 1E4 | 028 040 300 0000 | 00 | 026 040 300 | | 1.4 | 3 | 90 | | 1.4 | 0.76 | A08 | T |
| 1E5 | 038 700 200 0000 | 40 | 036 500 200 | G1 | 2 | 3 | 150 | 75 | 1.7 | 0.6 | A08 | P |
| 1E7 | 038 458 270 0000 | 00 | 036 447 250 | | 2 | 4.5 | 150 | 150 | 7.5 | 1.43 | A08 | PP |
| 1E8 | 240 238 740 0000 | 00 | 240 236 540 | | 1.2 | 0 | 60 | 60 | 1.8 | 0.74 | B8D | H |
| 1F2 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 1.0 | 90 | 75 | 2.9 | 0.92 | B7G | P |
| 1F3 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 1.0 | 90 | 50 | 1.9 | 0.75 | B7G | P |
| 1F4 | 384 720 000 0000 | 00 | 364 520 000 | | 2 | 3 | 90 | 90 | 4 | 1.4 | UX5 | P |
| 1F5 | 038 740 200 0000 | 00 | 036 540 200 | | 2 | 3 | 90 | 90 | 4 | 1.4 | A08 | P |
| 1F6 | 387 9X2 000 0000 | 40 | 365 892 000 | G1 | 2 | 1.5 | 150 | 75 | 2.2 | 0.6 | UX6 | DDP |
| 1F7 | 038 9X7 200 0000 | 40 | 036 895 200 | G1 | 2 | 1.5 | 150 | 75 | 2.2 | 0.6 | A08 | DDP |
| 1F33 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | | 90 | 60 | 3.5 | 0.7 | B7G | P |
| 1F34 | 287 024 300 0000 | 00 | 265 024 300 | | 1.2 | | 90 | 60 | 3.5 | 0.7 | B7G | P |
| 1F860 | 141 230 871 0000 | 00 | 141 230 651 | | 20 | | 200 | 175 | 10 | 7.5 | B9A | P |
| 1FD1 | 209 784 300 0000 | 00 | 2*8 564 300 | | 1.4 | 1.5 | 60 | 60 | 0.17 | 0.17 | B7G | DP |
| 1FD9 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 1.0 | 75 | 75 | 1.6 | 0.63 | B7G | DP |
| 1G3 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 1.2 | | | | | | A08 | D |
| 1G4 | 038 040 200 0000 | 00 | 036 040 200 | | 1.4 | 6 | 90 | | 2.3 | 0.82 | A08 | T |
| 1G5 | 038 740 200 0000 | 00 | 036 540 200 | | 2 | 6 | 90 | 90 | 8.5 | 1.5 | A08 | P |
| 1G6 | 028 458 300 0000 | 00 | 026 447 300 | | 1.4 | 0 | 90 | | 1.0 | 0.67 | A08 | TT |
| 1H1 | 028 458 300 0000 | 00 | | | 2.1 | | 150 | | 3.2 | 2.1 | A08 | TT |
| 1H2 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 1.4 | | | | | | B9A | D |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 1H3C | 028 458 300 0000 | 00 | 026 447 300 | | 1.2 | 5.5 | 150 | | 2.3 | 0.8 | A08 | TT |
| 1H4 | 028 040 300 0000 | 00 | 026 040 300 | | 2 | 9 | 150 | | 3 | 0.9 | A08 | T |
| 1H5 | 238 090 200 0000 | 40 | 036 080 200 | G1 | 1.4 | 0.5 | 100 | | 0.1 | 0.2 | A08 | DT |
| 1H6 | 038 9X4 200 0000 | 00 | 036 894 200 | | 2 | 3 | 150 | | 0.8 | 0.57 | A08 | DDT |
| 1H33 | 287 424 300 0000 | 00 | 265 424 300 | | 1.4 | | 90 | 60 | 1.6 | | B7G | H |
| 1H34 | 287 424 300 0000 | 00 | 265 424 300 | | 1.2 | | 90 | 60 | 1.6 | | B7G | H |
| 1H35 | 287 474 300 0000 | 00 | 265 454 300 | | 1.4 | | 90 | 40 | 0.6 | | B7G | H |
| 1J3 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 1.2 | | | | | | A08 | D |
| 1J5 | | | 036 540 200 | | 2 | 16.5 | 150 | 150 | 7 | 0.95 | A08 | P |
| 1J6 | 028 457 300 0000 | 00 | 026 447 300 | | 2 | 3 | 150 | | 1.7 | | A08 | TT |
| 1J6GX | 028 457 300 0000 | 00 | 026 447 300 | | 2 | 0 | 150 | | 2 | | A08 | TT |
| 1K1P | 287 024 300 0000 | 00 | 265 014 300 | | 1.2 | 0.5 | 60 | 40 | 1.7 | 0.65 | B7G | P |
| 1K3 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 1.2 | | | | | | A08 | D |
| 1K4 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | | 150 | 75 | 2.5 | 1 | UX4 | P |
| 1K5 | 028 700 300 0000 | 40 | 026 500 300 | G1 | 2 | | 125 | 75 | 2.5 | 1 | A08 | P |
| 1K5B | 028 700 300 0000 | 40 | 026 500 300 | G1 | 2 | | 125 | 75 | 1 | 1 | A08 | P |
| 1K6 | 38X 972 000 0000 | 40 | 369 852 000 | G1 | 2 | 3 | 150 | 90 | 0.9 | 0.6 | UX6 | DDP |
| 1K7 | 028 9X7 300 0000 | 40 | 026 895 300 | G1 | 2 | 4.4 | 150 | 150 | 1.5 | 0.7 | A08 | DDP |
| 1L4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 75 | 2.9 | 0.92 | B7G | P |
| 1L5 | 028 740 300 0000 | 00 | 026 540 300 | | 2 | 6 | 200 | 200 | 10 | 2.4 | A08 | P |
| 1L6 | 288 471 300 0000 | 00 | 266 451 300 | | 1.4 | 0 | 90 | 50 | 4 | 0.55 | B7G | H |
| 1L33 | 284 728 300 0000 | 00 | 264 526 300 | | 1.4 | 7 | 90 | 60 | 7.4 | 1.4 | B7G | P |
| 1L34 | 274 728 300 0000 | 00 | 254 526 300 | | 1.2 | 7 | 90 | 60 | 7.4 | 1.4 | B7G | P |
| 1L60 | 842 300 000 0000 | 00 | 642 300 000 | | 1 | | 150 | | 6.0 | 1.2 | B4 | T |
| 1L84 | 387 004 020 0000 | 00 | 365 004 020 | | 1.4 | 4.5 | 90 | 90 | 4 | 0.85 | B8B | P |
| 1L91 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 4.5 | 40 | 40 | 1.2 | 0.5 | B5A | P |
| 1L861 | 041 230 871 0000 | 00 | 041 230 651 | | 20 | | 200 | 200 | 15 | 9 | B9A | P |
| 1LA4 | 387 004 020 0000 | 00 | 361 004 020 | S | 1.4 | 4.5 | 90 | 90 | 4 | 0.85 | B8B | P |
| 1LA4E | 387 004 020 0000 | 00 | 365 004 020 | | 1.4 | 4.5 | 90 | 90 | 3.5 | 0.8 | B8B | P |
| 1LA6 | 388 474 020 0000 | 00 | 366 454 020 | | 1.4 | 0 | 90 | 50 | 1.8 | 0.55 | B8B | H |
| 1LB4 | 387 004 020 0000 | 00 | 365 004 020 | | 1.4 | 9 | 90 | 90 | 5 | 0.9 | B8B | P |
| 1LB6 | 288 774 430 0000 | 00 | 266 554 430 | | 1.4 | 0 | 90 | 75 | 0.4 | 0.1 | B8B | H |
| 1LB7 | 287 104 130 0000 | 00 | 265 104 130 | | 1.4 | 3 | 40 | 40 | 1 | 0.3 | A08 | P |
| 1LC5 | 387 124 020 0000 | 00 | 365 124 020 | | 1.4 | 0 | 90 | 50 | 1.15 | 0.77 | B8B | P |
| 1LC6 | 288 474 030 0000 | 00 | 266 454 030 | | 1.4 | 0 | 90 | 50 | 3 | 0.55 | B8B | H |
| 1LD5 | 387 904 020 0000 | 00 | 365 804 020 | | 1.4 | 0 | 90 | 50 | 0.6 | 0.57 | B8B | DP |
| 1LE3 | 370 004 020 0000 | 00 | 350 0*4 020 | | 1.4 | 3 | 90 | | 1.4 | 0.76 | B8B | T |
| 1LF3 | 280 004 030 0000 | 00 | 260 004 030 | | 1.4 | 3 | 90 | | 1.4 | 0.76 | B8B | T |
| 1LG5 | 387 124 020 0000 | 00 | 365 124 020 | | 1.4 | 1.5 | 90 | 90 | 3.7 | 1.15 | B8B | P |
| 1LH4 | 280 904 030 000 | 00 | 360 804 020 | | 1.4 | 0 | 90 | | 0.15 | 0.27 | B8B | DT |
| 1LN5 | 387 124 020 0000 | 00 | 365 124 020 | | 1.4 | 0 | 90 | 90 | 1.6 | 0.8 | B8B | P |
| 1M1 | 400 230 080 0000 | 00 | 4*0 230 060 | | 1.4 | 34 | 250 | 0 | 0.99 | †2.2 | B8B | TI |
| 1M3 | 400 230 080 0000 | 00 | 4*0 230 060 | | 1.4 | 23 | 200 | 0 | 0.1 | †1.0 | B8D | TI |
| 1M5G | 038 700 200 0000 | 40 | 036 500 200 | G1 | 2 | | 150 | 75 | 2.5 | 1 | A08 | P |
| 1M90 | 824 300 000 0000 | 00 | 624 300 000 | | 1.4 | | 90 | | 0.25 | | B4A | T |
| 1N2 | 020 000 300 0000 | 90 | *2* *** 3*0 | D1 | 1.2 | | | | | | A08 | D |
| 1N5 | 038 700 200 0000 | 40 | 036 500 200 | G1 | 1.4 | | 90 | 90 | 1.2 | 0.7 | A08 | P |
| 1N6 | 038 749 200 0000 | 00 | 036 548 200 | | 1.4 | 4.5 | 90 | 90 | 3.4 | 0.8 | A08 | DP |
| 1NA31 | 902 209 300 0000 | 00 | 802 208 300 | | 5 | | | | 15 | | B7G | R |
| 1P1 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 5.2 | 90 | 90 | 5.0 | 1.4 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-------|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 1P5 | 038 700 200 0000 | 40 | 036 500 200 | G1 | 1.4 | | 90 | 90 | 2.3 | 0.7 | A08 | P |
| 1P10 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.57 | B7G | P |
| 1P11 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.15 | B7G | P |
| 1Q5 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.2 | A08 | P |
| 1Q6 | 040 239 870 0000 | 00 | 040 238 650 | | 1.25 | 0 | 60 | 60 | 1.6 | 0.6 | B8D | DP |
| 1R | 028 710 300 0000 | 40 | 026 510 300 | G1 | 1.4 | | 90 | 90 | 1.2 | 0.7 | A08 | P |
| 1R4 | 200 900 130 0000 | 00 | 200 800 130 | | 1.4 | | | | | | B8B | D |
| 1R5 | 288 424 300 0000 | 00 | 266 424 300 | | 1.4 | 4 | 75 | | 5 | 1.2 | B7G | H |
| 1R5T | 281 427 300 0000 | 00 | 261 425 300 | | 1.4 | | 90 | 70 | 1.15 | 0.3 | B7G | H |
| 1R6 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 1.2 | | | | | | B9A | D |
| 1S2A | 320 323 023 0000 | 90 | 32* 323 *23 | D1 | 1.4 | | | | | | B9A | D |
| 1S4 | 284 728 300 0000 | 00 | 264 526 300 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.57 | B7G | P |
| 1S5 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 0 | 75 | 75 | 1.6 | 0.62 | B7G | DP |
| 1S6 | 804 239 070 0000 | 00 | 604 238 050 | | 1.2 | 0 | 60 | 60 | 1.6 | 0.6 | B8D | DP |
| 1SA6 | 021 407 380 0000 | 00 | 021 405 360 | | 1.4 | 0 | 90 | 75 | 2.45 | 0.97 | A08 | P |
| 1SB6 | 038 790 240 0000 | 00 | 036 580 240 | | 1.4 | 0 | 90 | 75 | 1.45 | 0.66 | A08 | DP |
| 1T | 038 700 320 0000 | 40 | 036 500 320 | G1 | 1.4 | 4.5 | 90 | 90 | 0.9 | 2.1 | A08 | P |
| 1T2 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 1.4 | | | | | | B3G | D |
| 1T4 | 387 200 000 0000 | 00 | 365 200 000 | | 2 | 0 | 150 | 75 | 2.5 | 1 | UX4 | P |
| 1T4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 75 | 3.5 | 0.9 | B7G | P |
| 1T5 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 6 | 90 | 90 | 6.5 | 1.15 | A08 | P |
| 1T6 | 804 239 070 0000 | 00 | 604 238 050 | | 1.2 | 0 | 60 | 60 | 1.6 | 0.6 | B8D | DP |
| 1U4 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 90 | 0.8 | 0.68 | B7G | P |
| 1U5 | 287 904 300 0000 | 00 | 265 804 300 | | 1.4 | 0 | 75 | 75 | 1.6 | 0.62 | B7G | DP |
| 1U6 | 288 741 300 0000 | 00 | 266 541 300 | | 1.4 | 0 | 75 | 50 | 1.7 | 0.3 | B7G | H |
| 1V | 291 300 000 0000 | 00 | 281 300 000 | | 6 | | | | 60 | | UX4 | R |
| 1V2 | 900 230 009 0000 | 00 | 8** 230 **8 | | 0.625 | | | | | | B9A | D |
| 1V4 | 285 024 300 0000 | 00 | 265 *24 300 | | 1.25 | 0 | 150 | 100 | 1.6 | | B7G | P |
| 1V5 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 4.5 | 60 | 60 | 2 | 0.75 | B7G | P |
| 1V6 | 875 248 300 0000 | 00 | 654 247 300 | | 1.25 | [0 | 45 | 45 | 4.4 | 0.2] | B7B | TP |
| 1W4 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 1W4 | 287 004 300 0000 | 00 | 265 004 300 | | 1.4 | 9 | 90 | 90 | 5 | 0.92 | B7G | P |
| 1W5 | 040 230 870 0000 | 00 | 040 230 650 | | 1.25 | 0 | 60 | 60 | 1.8 | 0.73 | B84 | P |
| 1W50 | 942 310 000 0000 | 00 | 842 010 000 | | 1.0 | 0.5 | 100 | | 0.2 | 0.2 | B5 | T |
| 1X2 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 1.2 | | | | | | B9A | D |
| 1X2B | 020 000 003 0000 | 90 | | | 1.2 | | | | | | B9A | D |
| 1Y2 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 1.4 | | | | | | UX4 | R |
| 1Y32 | 232 232 300 0000 | 90 | 232 232 300 | D1 | 1.4 | | | | | | B7G | D |
| 1Z1 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 0.7 | | | | | | A08 | D |
| 1Z2 | 232 232 300 0000 | 90 | 232 232 300 | D1 | 1.2 | | | | | | B7G | D |
| 2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4 | 150 | | 1.5 | | B4 | T |
| 2/25A | 200 300 000 0000 | 90 | 200 300 000 | D1 | 6 | | | | 30 | | UX4 | R |
| 2/50A | 200 300 000 0000 | 90 | 200 300 000 | D1 | 5 | | | | 60 | | UX4 | R |
| 2A1M | 028 748 300 0000 | 40 | 026 546 300 | G1 | 2 | | 150 | 75 | 2.2 | | A08 | H |
| 2A3 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 45 | 250 | | 60 | 5.2 | UX4 | T |
| 2A3H | 384 200 000 0000 | 00 | 364 200 000 | | 2.5 | 62 | 300 | | 40 | 5.25 | UX4 | T |
| 2A3W | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 45 | 250 | | 60 | 5.2 | UX4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|------|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 2A5 | 287 413 000 0000 | 00 | 265 413 000 | | 2.3(3) | 16.5 | 250 | 250 | 34 | 2.5 | UX6 | P |
| 2A6 | 28X 913 000 0000 | 40 | 269 813 000 | G1 | 2.5 | 2 | 250 | | 0.9 | 1.1 | UX6 | DDT |
| 2A7 | 287 741 300 0000 | 40 | 265 541 300 | G1 | 2.5 | 8 | 250 | 100 | 3.5 | 1.1 | Sm7 | H |
| 2AF4 | 842 314 800 0000 | 00 | 642 314 600 | | 2.5 | 4.0 | 100 | | 15 | 6.6 | B7G | T |
| 2AH2 | 200 000 000 0030 | 90 | | | 2.5 | | | | | | A12 | D |
| 2AS2 | 220 002 002 0030 | 90 | | | | | | | 5 | | A12 | D |
| 2AV2 | 900 230 009 0000 | 00 | | | 1.8 | | | | | | B9A | D |
| 2AZ2 | 230 232 032 0000 | 90 | | | 2.1 | | | | | | B9A | D |
| 2B3 | 020 000 300 0000 | 90 | *20 000 3*0 | D1 | 1.7 | | | | | | A08 | D |
| | 280 413 000 0000 | 00 | | | | | | | | | | |
| 2B5 | 208 413 000 0000 | 00 | 267 413 000 | | 2.5 | | 300 | | 9 | | UX6 | TT |
| 2B5 | 834 225 380 0000 | 00 | 634 224 370 | | 1.2 | 1 | 90 | | 2.6 | 1.1 | B8A | TT |
| 2B7 | 287 9X1 300 0000 | 40 | 265 891 300 | G1 | 2.5 | 3 | 250 | 125 | 9 | 1.1 | UX7 | DDP |
| 2B21 | 300 200 000 0000 | 90 | 300 200 000 | D1 | 2.5 | | | | 5 | | UX4 | R |
| 2B22 | 021 010 310 0000 | 90 | 021 010 310 | D1 | 6 | | | | | | A08 | D |
| 2B25 | 200 900 300 0000 | 00 | 200 800 300 | | 1.4 | | | | | | B7G | D |
| 2B26 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 120 | | UX4 | R |
| 2BN4 | 142 381 400 0000 | 00 | 142 361 400 | | 2 | 1.5 | 150 | | 9 | 6.8 | B7G | T |
| 2BU2 | 220 000 030 0030 | 80 | | A | 2.5 | | 60 | | 7.0 | | A12 | R |
| 2C21 | 218 481 300 0000 | 50 | 217 461 300 | G1 | 6 | 16.5 | 250 | | 8.3 | 1.3 | UX7 | TT |
| 2C22 | 020 000 310 0000 | 84 | 020 000 310 | A1 G1 | 6 | 10.5 | 300 | | 11 | 3 | A08 | T |
| 2C23 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 32 | 350 | | 16 | 1.55 | UX4 | T |
| 2C25 | 284 300 000 0000 | 00 | 264 300 000 | | 7 | 100 | 350 | | 50 | | UX4 | T |
| 2C26 | 020 000 310 0000 | 84 | 020 000 310 | A1 G1 | 6 | 15 | 350 | | 16 | | A08 | T |
| 2C34 | 204 150 300 0000 | 88 | 204 140 300 | A1 A2 | 6.3 | 36 | 300 | | 80 | | Sm7 | TT |
| 2C40 | 021 010 310 0000 | 84 | *21 010 310 | A1 G1 | 6 | 5 | 250 | | 20 | | A08 | T |
| 2C43 | 021 010 310 0000 | 84 | *21 010 310 | A1 G1 | 6.3 | | 400 | | 38 | | A08 | T |
| 2C45 | 384 200 000 0000 | 00 | 364 200 000 | | 7 | 40 | 250 | | 29 | | UX4 | T |
| 2C48 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 15 | 250 | 250 | 70 | | B8B | P |
| 2C50 | 481 581 230 0000 | 00 | 461 471 230 | | 12.6 | | 200 | | 18 | 2.9 | A08 | TT |
| 2C50 | 287 004 130 0000 | 00 | 265 004 130 | | 12 | 15 | 250 | 250 | 70 | | B8B | P |
| 2C51 | 214 808 513 0000 | 00 | 214 607 413 | | 6 | 2 | 150 | | 8.2 | 5.5 | B9A | TT |
| 2C52 | 481 581 230 0000 | 00 | 461 471 230 | | 12.5 | 2 | 250 | | 1.3 | 1.9 | A08 | TT |
| 2CN3A | | | | | 1.8 | .6 | 150 | | 9.0 | 7.7 | B7G | T |
| 2CW4 | 080 400 010 2030 | 00 | | | 2.1 | 1 | 100 | | 7.6 | 9.8 | NV5 | T |
| 2CY5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.5 | 1 | 150 | 80 | 10 | 8 | B7G | P |
| 2D1 | 29X 130 000 0000 | 00 | 289 130 000 | | 2.5 | | | | | | UX5 | DD |
| 2D2 | 9X2 310 000 0000 | 00 | 892 310 999 | | 2 | | | | | | B5 | DD |
| 2D4 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| 2D4B | 0X1 231 900 0000 | 00 | 091 231 800 | | 4 | | | | | | B7 | DD |
| 2D13 | 023 190 000 0000 | X0 | 023 180 000 | D2 | 13 | | | | | | B5 | DD |
| 2D13A | 923 1X0 000 0000 | 00 | 823 190 000 | | 13 | | | | | | B5 | DD |
| 2D13C | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | | | B5 | DD |
| 2D21 | 412 318 100 0000 | 00 | 412 316 100 | | 6 | | 400 | | 50 | 6k | B7G | THY |
| 2DL4 | 414 234 484 0000 | 00 | 414 234 464 | | 2 | | 150 | | 12.5 | 14 | B9A | T |
| 2DS4 | 080 400 010 2030 | 00 | | | 2.1 | 0.8 | 100 | | 6.5 | 9 | NV5 | T |
| 2DV4 | 880 404 100 2030 | 00 | | | 2.1 | 1 | 75 | | 10.5 | 11.5 | NV7 | T |
| 2DZ4 | 842 314 800 0000 | 00 | | | 2.35 | | 75 | | 15 | 6.7 | B7G | T |
| 2E5 | 284 713 000 0000 | 00 | 264 513 000 | | 2.5 | 8 | 250 | | 0.2 | †1.0 | A08 | TI |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|----------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 2E22 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 15 | 400 | 250 | 60 | 5.5 | UX5 | P |
| 2E24 | 237 242 300 0000 | 80 | 235 242 300 | A1 | 3 | 18.5 | 400 | 200 | 16 | 3.2 | A08 | P |
| 2E25 | 020 740 320 0000 | 00 | 020 540 320 | | 6 | 22.5 | 400 | 250 | 40 | | A08 | P |
| 2E26 | 127 141 300 0000 | 80 | 125 141 300 | A1 | 6 | 20 | 200 | 200 | 20 | 3.5 | A08 | P |
| 2E30 | 413 387 200 0000 | 00 | 413 365 200 | | 3 | 20 | 250 | 250 | 40 | 3.7 | B7G | P |
| 2E31 | 872 430 000 0000 | 00 | 652 430 000 | | 1.25 | 0 | 20 | 20 | 0.4 | 0.5 | B5A | P |
| 2E35 | 872 430 000 0000 | 00 | 652 430 000 | | 1.25 | 0 | 20 | 20 | 0.27 | 0.38 | B5A | P |
| 2E41 | 879 243 000 0000 | 00 | 658 243 000 | | 1.25 | 0 | 20 | 20 | 0.36 | 0.37 | B5A | P |
| 2E50 | 412 287 300 0000 | 00 | 412 265 300 | | 6 | 20 | 250 | 250 | 10 | 3.4 | B7G | P |
| 2EA5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.3 | 1 | 250 | 150 | 10 | 8 | B7G | P |
| 2EN5 | 0X2 310 900 0000 | 00 | 092 310 800 | | 2.1 | | | | | | B7G | DD |
| 2ER5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.3 | 1.2 | 200 | | 10 | | B7G | T |
| 2ES5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.3 | 1 | 200 | | 15 | 9.5 | B7G | T |
| 2EV5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.4 | | 250 | 75 | 11.5 | 8.8 | B7G | P |
| 2F7 | 287 841 300 0000 | 50 | 275 641 300 | G1 | 2.5 | [3 3 | 100 250 | 100 | 4 2.8 | | UX7 | TP |
| 2FH5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.3 | 1 | 150 | | 11 | 9 | B7G | T |
| 2FQ5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.3 | 1.2 | 150 | | 11.5 | 11 | B7G | T |
| 2FS5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.4 | 0.2 | 275 | 150 | 10 | 10 | B7G | P |
| 2FV6 | 287 424 300 0000 | 00 | 265 424 300 | | 2.4 | 1 | 150 | 75 | 10 | 8 | B7G | P |
| 2FY5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.4 | 1.2 | 150 | | 11 | 12 | B7G | T |
| 2G5 | 284 713 000 0000 | 00 | 264 513 000 | | 2.5 | 22 | 250 | 250 | 0.2 | | UX6 | TI |
| 2GK5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.3 | 1.2 | 150 | | 11 | 15 | B7G | T |
| 2GW5 | 842 314 100 0000 | 00 | | | 2.4 | 1 | 150 | | 13 | 15 | B7G | T |
| 2GU5 | 412 381 100 0000 | 00 | 412 261 100 | | 2.4 | 0.4 | 135 | 135 | 10 | 15.5 | B7G | H |
| 2H1 | | | 026 447 300 | | 2.1 | | 150 | | 3.2 | 2.1 | A08 | TT |
| 2HA5 | 412 380 100 0000 | 00 | | | 2.2 | | 200 | | 19 | 20 | B7G | T |
| 2HK5 | 412 380 100 0000 | 00 | | | 2.3 | | 150 | | 12.5 | 15 | B7G | T |
| 2HM5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.4 | 1.2 | 150 | | 12.5 | 14.5 | B7G | T |
| 2HMD | [472 310 000 0000 572 310 000 0000 | 80 08] | 452 310 000 | A1 A2 | 4 | | 200 | 100 | 3.8 | 1.1 | B5 | PP |
| 2HQ5 | 412 381 100 0000 | 00 | 412 361 100 | | 2.4 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 2HR8 | 701 238 014 0000 | 00 | 501 236 014 | | 2.1 | | 250 | 150 | 3 | 1.8 | B9A | P |
| 2J2 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 2 | | | | | | B9A | D |
| 2K2 | 028 700 300 0000 | 40 | 026 500 300 | G1 | 2 | 2 | 100 | 100 | 2.5 | 0.9 | A08 | P |
| 2L32 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 60 | 60 | 7 | 1.5 | B7G | P |
| 2L33 | 287 438 200 0000 | 00 | 265 436 200 | | 1.4 | 8.4 | 150 | 90 | 14.1 | 1.9 | B7G | P |
| 2L35 | 287 143 200 0000 | 00 | 265 143 200 | | 1.2 | 8.8 | 150 | 90 | 14.2 | 2.1 | B7G | P |
| 2M2M | 284 738 200 0000 | 00 | 264 536 200 | | 1.2 | 3.5 | 60 | 60 | 3.7 | 1.1 | B7G | P |
| 2-01C | 200 000 300 0000 | 90 | 2** *** 300 | D1 | 5 | | | | | | B7G | D |
| 2P | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 22 | 250 | | 40 | 7 | B4 | T |
| 2P1P | 284 738 200 0000 | 00 | 204 510 300 | | 1.2 | 3.5 | 60 | 60 | 2.8 | 0.9 | B7G | P |
| 2S | 29X 130 000 0000 | 00 | 289 130 000 | | 2.5 | | | | 15 | | UX5 | RR |
| 2S/140G | 209 130 900 0000 | 00 | 208 130 800 | | 6.3 | | | | 5 | | B7G | R |
| 2S/280F | | | *12 3** *00 | D1 | 4 | | | | 30 | | B7G | R |
| 2SC10 | 842 300 000 0000 | 00 | 642 300 000 | | 2.5 | 1 | 250 | | 15 | 2.4 | B4 | T |
| 2T4 | 842 310 800 0000 | 00 | 642 310 600 | | 2.3 | 2.7 | 75 | | 18 | 7 | B7G | T |
| 2T/270K | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | | | B7G | R |
| 2U14 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 150 | | 2 | 0.6 | B4 | T |
| 2U15 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 150 | | 4 | 0.8 | B4 | T |
| 2V2 | 020 000 030 0000 | 90 | 020 000 030 | D1 | 2.5 | | | | | | A08 | D |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 2V3 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 2.5(3) | | | | | | A08 | R |
| 2W3 | 020 900 030 0000 | 00 | 020 800 030 | | 2.5 | | | | 60 | | A08 | R |
| 2X2 | 300 200 000 0000 | 90 | 300 200 000 | D1 | 2.5(3) | | | | | | UX4 | R |
| 2X3 | 020 900 030 0000 | 00 | 020 800 030 | | 2.5 | | | | 120 | | A08 | R |
| 2XP | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 36 | 300 | | 50 | 7 | B4 | T |
| 2Y2 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 5 | | UX4 | R |
| 2Z2 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 60 | | UX4 | R |
| 2.5C9 | 842 300 000 0000 | 00 | 642 300 000 | | 2.5 | 4 | 250 | | 8 | 2.2 | B4 | T |
| 3 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 3.4 | 0.9 | B4 | T |
| 3A2 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 3 | | | | | | B9A | D |
| 3A3 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 3 | | | | | | A08 | D |
| 3A3A | 020 000 300 0000 | 80 | 020 000 300 | A | 3.15 | | 100 | | 7.0 | | | R |
| 3A3B | 020 000 300 0000 | 80 | 020 000 300 | A | 3.15 | | 100 | | 7.0 | | | R |
| 3A8 | 238 748 390 0000 | 50 | 237 546 380 | G1 | 1.4 | [0 | 90 | | 0.2 | 0.3 | A08 | DTP |
| 3A/107A | 284 300 000 0000 | 00 | 26 300 000 | | 4 | [0 | 90 | 90 | 12 | 0.7 | | |
| | | | | | | 8 | 150 | | 6.5 | 1.6 | UX4 | T |
| 3A/107B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 6.5 | 1.6 | B4 | T |
| 3A/108A | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 1.5 | 150 | | 0.9 | 0.5 | UX4 | T |
| 3A/108B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 0.9 | 0.5 | B4 | T |
| 3A/109A | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 8 | 150 | | 19 | 1.2 | UX4 | T |
| 3A/109B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 19 | 1.2 | B4 | T |
| 3A/154M | 280 004 130 0000 | 00 | 260 0*4 130 | | 6 | 2 | 250 | | 12 | 3 | B8B | T |
| 3A/167M | 200 810 430 0000 | 00 | 2*0 61* 430 | | 6.3 | 3.5 | 200 | | 10 | 30 | B8G | T |
| 3AE4 | 387 004 230 0000 | 00 | 365 004 230 | | 1.4 | 9 | 90 | 90 | 1.8 | 1.6 | A08 | P |
| 3AF4 | 842 314 800 0000 | 00 | 642 314 600 | | 3 | 4 | 100 | | 15 | 6.6 | B7G | T |
| 3AJ8 | 751 238 584 0000 | 00 | 541 237 464 | | 3.1 | [3 | 100 | | 5 | 2.3 | B9A | TH |
| | | | | | | [2 | 250 | 100 | 6.5 | 2.4 | | |
| 3AL5 | 1X2 310 900 0000 | 00 | 192 310 800 | | 3 | | | | 5 | | B7G | DD |
| 3AT2A | 220 000 030 0030 | 80 | 020 000 300 | A | 3.15 | | 140 | | 20.0 | | A12 | R |
| 3AT2 | 200 000 000 0030 | 90 | | | 3.15 | | | | | | A12 | D |
| 3AT4 | 802 304 100 0000 | 00 | 602 304 100 | | 3.1 | 1 | 200 | | 11.5 | 6.7 | B7G | T |
| 3AU6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.0 | 250 | 150 | 10 | 5.2 | B7G | P |
| 3AV6 | 412 3X9 800 0000 | 00 | 412 398 600 | | 3 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 3AW2A | 220 000 030 0030 | 80 | 020 000 300 | A | 3.15 | | 60 | | 7.0 | | A12 | R |
| 3AW3 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 3.1 | | | | | | A08 | D |
| 3AY6 | 412 39X 800 0000 | 00 | 412 389 600 | | 3 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 3AZ4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | A08 | RR |
| 3B2 | 020 000 300 0000 | 90 | *2* 0** 3*0 | D1 | 3 | | | | | | B8A | D |
| 3B4 | 724 332 800 0000 | 00 | 524 332 600 | | 1.25 | 10 | 150 | 125 | 30 | 2.2 | B7G | P |
| 3B5 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | 7 | 75 | 75 | 6.7 | 1.5 | A08 | P |
| 3B7 | 384 205 830 0000 | 00 | 364 204 730 | | 1.4 | 0 | 90 | | 5.2 | 1.85 | B8B | TT |
| 3B24 | 320 200 000 0000 | 90 | 320 200 000 | D1 | 2.5 | | | | 30 | | UX4 | R |
| 3B29 | 300 200 000 0000 | 90 | 300 200 000 | D1 | 2.5 | | | | | | UX4 | R |
| 3B/102B | 843 210 000 0000 | 00 | 643 210 000 | | 6 | | 400 | | 100 | 6 | B5 | T |
| 3B/240M | 214 444 130 0000 | 80 | 214 444 130 | A1 | 6 | 1 | 300 | | 50 | 27 | B8B | T |
| 3B/241M | 214 444 130 0000 | 80 | 214 444 130 | A1 | 19 | 1 | 300 | | 50 | 27 | B8B | T |
| 3B/252B | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 20 | 400 | | 60 | 10 | B5 | T |
| 3BA6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 3BC5 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.3 | 250 | 150 | 7.5 | 5.7 | B7G | P |
| 3BE6 | 412 388 100 0000 | 00 | 412 365 100 | | 3.1 | 6 | 150 | 100 | 7.5 | 3.5 | B7G | H |
| 3BF2 | 200 200 200 3030 | 90 | | | 3.6 | | | | | | A12 | D |
| 3BF6 | 142 380 100 0000 | 00 | 142 360 100 | | 3.1 | 9 | 250 | | 9.5 | 1.9 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|-----|-------|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 3BL2A | 110 011 011 0010 | 00 | | A | 3.3 | | 50 | | 7.0 | | A12 | R |
| 3BM2A | | | | A | 3.0 | | 50 | | 7.0 | | A12 | R |
| 3BN2A | 230 000 000 0000 | 00 | 230 000 000 | A | 3.15 | | 150 | | 7.0 | | A12 | R |
| 3BN4 | 142 381 400 0000 | 00 | 142 361 400 | | 2.8 | 2 | 150 | | 9 | 6.8 | B7G | T |
| 3BN4A | 142 381 400 0000 | 00 | 142 361 400 | A | 3.0 | -6 | 150 | | 9 | 7.7 | B7G | T |
| 3BN6 | 412 374 800 0000 | 00 | 412 354 600 | | 3 | 1 | 60 | 60 | 0.5 | 1 | B7G | P |
| 3BU8 | [178 231 401 0000 | 00 | 157 231 461 | | 3 | 1 | 100 | 60 | 1 | 1.5 | B9A | PP |
| | 170 231 481 0000 | 00 | | | | | | | | | | |
| 3BX6 | 141 230 871 0000 | 00 | 141 230 651 | | 3.4 | 2 | 200 | 175 | 10 | 7.2 | B9A | P |
| 3BY6 | 412 387 400 0000 | 00 | 412 365 400 | | 3 | 2.5 | 250 | 100 | 6.5 | 2.4 | B7G | H |
| 3BY7 | 141 230 871 0000 | 00 | 141 230 651 | | 3.2 | 1.8 | 250 | 75 | 8 | 5.7 | B9A | P |
| 3BZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.0 | 150 | 125 | 14 | 8 | B7G | P |
| 3C2 | 020 030 200 0000 | 00 | 020 *3* 2*0 | | 1.5 | | | | | | A08 | D |
| 3C5 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | 9 | 90 | 90 | 6 | 1.4 | A08 | P |
| 3C6 | 208 458 320 0000 | 00 | 206 447 320 | | 1.4 | 0 | 90 | | 4.5 | 1.3 | B8D | TT |
| 3C24 | 200 300 000 0000 | 84 | 200 300 000 | A1 G1 | 6.3 | 3 | 400 | | 4.5 | 1.2 | UX4 | T |
| 3C36 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 2.2 | 200 | 150 | 9.5 | 6.2 | B7G | P |
| 3CA3 | 030 000 200 0000 | 90 | | | 3.6 | | | | | | A08 | D |
| 3CB6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.0 | 150 | 125 | 13 | 8.0 | B7G | P |
| 3CE5 | 412 387 100 0000 | 00 | 412 365 100 | | 3.1 | 2.1 | 200 | 150 | 9.5 | 6.2 | B7G | P |
| 3CF5 | 402 387 100 0000 | 00 | 402 365 100 | | 3.1 | | 150 | 125 | 11 | 7.6 | B7G | P |
| 3CF6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.0 | 150 | 125 | 12 | 7.8 | B7G | P |
| 3CN3A | 020 000 300 000 | 80 | 020 000 300 | A | 3.15 | | 60 | | 7.0 | | | R |
| 3CS6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 1.0 | 100 | 30 | 1.0 | 1.1 | B7G | H |
| 3CU3 | 020 000 300 0000 | 80 | 020 000 300 | A | 3.15 | | 50 | | 7.0 | | | R |
| 3CY5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.9 | 1 | 150 | 75 | 10 | 9 | B7G | P |
| 3CZ3 | 020 000 300 0000 | 80 | 020 000 300 | A | 3.15 | | 60 | | 7.0 | | B8B | R |
| 3D21A | 320 704 210 0000 | 80 | 320 504 210 | A1 | 6.3 | 30 | 400 | 300 | | 5.5 | A08 | P |
| 3DB3 | 230 000 000 0000 | 80 | 230 000 000 | A | 3.15 | | 100 | | 7.0 | | A08 | R |
| 3DC3 | 230 000 000 0000 | 80 | 230 000 000 | A | 3.15 | | 50 | | 7.0 | | A08 | R |
| 3DG4 | 101 090 X00 0000 | 00 | 1*1 080 900 | | 3.3 | | | | 120 | | A08 | RR |
| 3DJ3 | 230 000 000 0000 | 80 | 230 000 000 | A | 3.15 | | 70 | | 7.0 | | B8-25 | R |
| 3DK6 | 412 387 100 0000 | 00 | 412 365 100 | | 3.1 | 0.9 | 150 | 125 | 12 | 9.8 | B7G | P |
| 3DL4 | 414 234 484 0000 | 00 | 414 234 464 | | 2.6 | 1.2 | 150 | | 12 | 14 | B9A | T |
| 3DT6 | 412 387 100 0000 | 00 | 412 365 100 | | 3 | 2.2 | 150 | 100 | 1.1 | 0.8 | B7G | P |
| 3DT6A | 412 287 400 0000 | 00 | 412 38 110 | | 3.15 | 5.2 | 150 | 100.0 | 1.55 | 1.35 | B7G | P |
| 3DZ4 | 842 314 800 0000 | 00 | | | 3.2 | | 75 | | 15 | 6.7 | B7G | T |
| 3E5 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 8 | 90 | 90 | 6 | 1.2 | B7G | P |
| 3E6 | 287 134 020 0000 | 00 | 265 134 020 | | 1.4 | 0 | 90 | 90 | 2.5 | 1.8 | A08 | P |
| 3EA5 | 402 387 100 0000 | 00 | 402 365 100 | | 3 | 1 | 250 | 100 | 10 | 8 | B7G | P |
| 3EH7 | 141 230 871 0000 | 00 | 141 230 651 | | 3.4 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| 3EJ7 | 141 230 710 0000 | 00 | 141 230 510 | | 3.4 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| 3ER5 | 142 380 100 1000 | 00 | 142 360 100 | | 3.6 | 1.2 | 250 | | 10 | 10.5 | B7G | T |
| 3ES5 | 142 380 100 0000 | 00 | 142 360 100 | | 3 | 1 | 200 | | 15 | 9.5 | B7G | T |
| 3EV5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.9 | | 250 | 75 | 11.5 | 8.5 | B7G | P |
| 3FH5 | 142 380 100 0000 | 00 | 142 360 100 | | 3 | 1 | 250 | | 11 | 9 | B7G | T |
| 3FQ5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.8 | 1.2 | 150 | | 11.5 | 11 | B7G | T |
| 3FS5 | 412 387 100 0000 | 00 | 412 365 100 | | 2.9 | 0.2 | 300 | 150 | 9 | 10 | B7G | P |
| 3FY5 | 142 380 100 0000 | 00 | 142 360 100 | | 3.1 | 1 | 150 | | 11 | 13 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|-----|-----|-------|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 3G10 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | RR |
| 3GK5 | 142 380 100 0000 | 00 | 142 360 100 | | 2.8 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 3GS8 | [178 231 401 0000 170 231 481 0000] | 00 00 | 156 231 471 | | 3.1 | | 100 | 75 | 2 | 1.2 | B9A | PP |
| 3GW5 | 842 314 100 0000 | 00 | | | 3 | 1 | 150 | | 13 | 15 | B7G | T |
| 3HA5 | 412 380 100 0000 | 00 | | | 2.7 | | 200 | | 19 | 20 | B7G | T |
| 3HK5 | 412 380 100 0000 | 00 | | | 2.9 | | 150 | | 12.5 | 15 | B7G | T |
| 3HM5 | 412 380 100 0000 | 00 | 412 360 100 | | 2.9 | 1.2 | 150 | | 12.5 | 14.5 | B7G | T |
| 3HM6 | 141 230 871 0000 | 00 | | | 3.15 | 3.9 | 125 | 125 | 13 | 15 | B9A | P |
| 3HQ5 | 412 381 100 0000 | 00 | 412 361 100 | | 3 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 3HS8 | [178 231 401 0000 170 231 481 0000] | 00 00 | 157 231 461 | | 3.1 | | 100 | 75 | 2 | 0.4 | B9A | PP |
| 3JC6 | 141 230 871 0000 | 00 | 141 230 851 | | 3.5 | 3 | 125 | 125.0 | 14.0 | 16 | B9A | P |
| 3JC6A | 141 230 871 0000 | 00 | | | 6.3 | 3 | 125 | 125.0 | 14.0 | 16 | B9A | P |
| 3JD6 | 141 230 871 0000 | 00 | 141 230 651 | | 3.5 | 0 | 125 | 125.0 | 15.0 | 1.4 | B9A | P |
| 3JD6A | 141 230 871 0000 | 00 | 141 230 651 | | 3.5 | 0 | 125 | 125.0 | 15.0 | 14 | B9A | P |
| 3KF8 | [170 231 481 0000 178 231 501 0000] | 00 00 | | | 3.1 | 1 | 150 | 150 | 4 | 1 | B9A | PP |
| 3KT6 | 141 230 871 0000 | 00 | 140 230 651 | | 6.3 | 0 | 330 | 330.0 | 17.0 | 18.0 | B9A | P |
| 3L31 | 287 438 200 0000 | 00 | 265 436 200 | | 1.4 | 8.7 | 150 | 90 | 14.2 | 2.1 | B7G | P |
| 3L35 | 287 243 200 0000 | 00 | 265 243 200 | | 1.4 | | 150 | 125 | 18.5 | | B7G | P |
| 3LE4 | 387 004 230 000 | 00 | 365 004 230 | | 1.4 | 9 | 90 | 90 | 1.8 | 1.6 | A08 | P |
| 3LF4 | 387 004 230 0000 | 00 | 365 004 230 | | 1.4 | 4.5 | 90 | 90 | 8 | 2 | B8B | P |
| 3Q4 | 384 728 300 0000 | 00 | 364 526 300 | | 1.4 | 5 | 90 | 90 | 6.9 | 1.97 | B7G | P |
| 3Q5 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | 4.6 | 90 | 90 | 9 | 2 | A08 | P |
| 3S4 | 384 728 300 0000 | 00 | 364 526 300 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.57 | B7G | P |
| 3SB6 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | | 90 | 60 | 1.4 | 0.6 | A08 | P |
| 3V4 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 4.5 | 90 | 90 | 7.7 | 2 | B7G | P |
| 3W4 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 5.2 | 90 | 90 | 6.8 | 1.7 | B7G | P |
| 3Y4 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 5.4 | 60 | 60 | 5 | 1.2 | B7G | P |
| 3Y6A1 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | | 400 | 300 | | 2 | F8 | P |
| 3Z4 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 60 | 60 | 6.5 | 1.4 | B7G | P |
| 4 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 150 | | 1 | 0.9 | B4 | T |
| 4A6G | 028 458 230 0000 | 00 | 026 447 230 | | 2 | 1.5 | 90 | | 1.2 | 0.9 | A08 | TT |
| 4A07 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2 | 100 | | 1.4 | 1.2 | B4 | T |
| 4A08N | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 200 | | 6 | 2.4 | B4 | T |
| 4A10 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 150 | | 6 | 1.8 | B4 | T |
| 4A15 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | 7 | 2.2 | B4 | T |
| 4A80 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 150 | | 6 | 2 | B5 | T |
| 4A80N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 6 | 2.4 | B5 | T |
| 4A90 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 8 | 3.5 | B5 | T |
| 4A120 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 150 | | | 1.4 | B5 | T |
| 4AU6 | 412 387 100 0000 | 00 | 412 365 100 | | 4 | 1 | 250 | 150 | 10 | 5.2 | B7G | P |
| 4AV6 | 412 39X 800 0000 | 00 | 412 389 600 | | 4.2 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 6BA6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 4BC5 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1.3 | 250 | 150 | 7.5 | 5.7 | B7G | P |
| 4BC8 | 841 238 510 0000 | 00 | 741 236 410 | | 4.2 | 2.2 | 150 | | 10 | 6.2 | B9A | TT |
| 4BE6 | 412 388 100 0000 | 00 | 412 365 100 | | 4.2 | 6 | 150 | | 7.5 | 3.5 | B7G | H |
| 4BL8 | 857 238 114 0000 | 00 | 645 237 114 | | 4.5 | 2 | 100 | | 14 | 5 | B9A | TP |
| 4BN4 | 142 381 400 0000 | 00 | 142 361 400 | | 4 | 2.2 | 200 | 175 | 10 | 6.2 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 4BN6 | 142 374 800 0000 | 00 | 142 354 600 | | 4.2 | 1 | 60 | 60 | 0.5 | 1.0 | B7G | P |
| 4BQ7 | 851 238 410 0000 | 00 | 741 236 410 | | 4 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| 4BS8 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | 4.4 | 150 | | 10 | 7.2 | B9A | TT |
| 4BU8 | 170 231 481 0000 [178 231 581 0000 | 00] | 157 231 461 | | 4.2 | 1 | 150 | 100 | 4 | 3.5 | B9A | PP |
| 4BX8 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | | 150 | | 11 | 7.5 | B9A | TT |
| 4BZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1 | 100 | 100 | 12 | 8 | B7G | P |
| 4BZ7 | 851 238 410 0000 | 00 | 741 236 410 | | 4.2 | 2.2 | 150 | | 10 | 6.8 | B9G | TT |
| 4BZ8 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | 2 | 150 | | 10 | 8 | B9A | TT |
| 4BZ11 | 841 238 510 0000 | 00 | 741 236 410 | | 4 | 2.2 | 150 | | 10 | 6.8 | B9A | TT |
| 4C1 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 3 | 90 | | 5 | 1 | UX4 | T |
| 4C2 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 5 | 150 | | 11 | 2.5 | B5 | T |
| 4C3 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| 4C5 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 10 | 400 | | 30 | 4 | B4 | T |
| 4C101 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 45 | 250 | | 60 | 6 | F8 | T |
| 4C102 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 45 | 250 | | 40 | 2 | B4 | T |
| 4C103 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 35 | 250 | | 45 | 3.5 | B4 | T |
| 4CB6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1 | 150 | 125 | 13 | 8 | B7G | P |
| 4CC1 | 842 301 850 0000 | 00 | 642 301 140 | | 4 | 3.5 | 200 | | 6 | 3.2 | F8 | TT |
| 4CE5 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1 | 150 | 125 | 11 | 7.6 | B7G | P |
| 4CF6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 2 | 200 | 150 | 9.5 | 6.2 | B7G | P |
| 4CF8 | 701 238 014 0000 | 00 | 501 236 014 | | 4.5 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| 4CM4 | 841 234 148 0000 | 00 | 641 234 146 | | 3.6 | 1.5 | 200 | | 12 | 14 | B9A | T |
| 4CS6 | 412 387 100 0000 | 00 | 412 365 100 | | 4 | 1 | 100 | 30 | 1 | 11 | B7G | P |
| 4CX7 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | 10 | 150 | | 9 | 6.4 | B9A | TT |
| 4CY5 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1 | 150 | 80 | 10 | 8 | B7G | P |
| 4D1 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 3 | 250 | | 10 | 5 | B7 | T |
| 4D80 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 100 | | 2 | 1 | B5 | T |
| 4DE6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 1.1 | 150 | 125 | 15.5 | 8 | B7G | P |
| 4DK6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 0.9 | 150 | 125 | 12 | 9.7 | B7G | P |
| 4DL4 | 414 234 484 0000 | 00 | 414 234 464 | | 4 | 1.2 | 150 | | 12 | 14 | B9A | T |
| 4DT6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | | 150 | 150 | 12 | 9 | B7G | P |
| 4E2 | 023 19X 780 0000 | 40 | 923 189 560 | G1 | 4 | 14 | 250 | 275 | 72 | | 8SC | DDP |
| 4E4 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2 | 250 | 100 | 3 | 2.1 | 8SC | P |
| 4E104 | 287 004 130 0000 | 00 | 265 004 130 | | 4 | 6 | 250 | 250 | 36 | 9 | B8G | P |
| 4E204 | 023 110 780 0000 | 00 | 023 110 560 | | 4 | 3 | 250 | 100 | 8 | 1.8 | F8 | P |
| 4EH7 | 141 230 871 0000 | 00 | 141 230 651 | | 4.4 | 2 | 200 | 100 | 12 | 12.5 | B9A | P |
| 4EJ7 | 141 230 871 0000 | 00 | 141 230 651 | | 4.4 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| 4ER5 | 142 380 100 0000 | 00 | 142 360 100 | | 4.2 | 1.2 | 200 | | 10 | 10.5 | B9A | T |
| 4ES8 | 851 238 410 0000 | 00 | 741 236 410 | | 4 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| 4EW6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | 0.8 | 150 | 125 | 11 | 14 | B7G | P |
| 4FC7 | 148 234 118 0000 | 00 | 146 234 117 | | 3.8 | 1.2 | 90 | | 15 | 12.3 | B9A | T |
| 4FS7 | 151 234 887 0000 | 00 | 141 234 675 | | 4.6 | 3 | 100 | | 14 | 5.5 | B9A | TP |
| 4G30 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | 1.2 | 200 | 150 | 10 | 1.2 | | |
| 4G105 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| 4G200 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| | | | | | | | | | 60 | | B4 | RR |
| 4G5000 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 4 | | | | | | F8 | R |
| 4GG1 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 4GG2 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 4GG3 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| 4GG4 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 30 | | F8 | RR |
| 4GK5 | 142 380 100 0000 | 00 | 142 360 100 | | 4 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 4GM6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.2 | | 150 | 125 | 14 | 13 | B7G | P |
| 4GS8 | 178 231 401 0000 | 00 | 156 231 471 | | 4.2 | | 100 | 75 | 2 | 1.2 | B9A | PP |
| 4GW5 | 842 314 100 0000 | 00 | | | 4.2 | 1 | 150 | | 13 | 15 | B7G | T |
| 4GX7 | 151 238 784 0000 | 00 | 141 236 574 | | 4.2 | [1 | 125 | | 13 | 8.5 | | |
| | | | | | | 1 | 125 | 125 | 8 | 11 | B9A | TP |
| 4GZ5 | 142 347 800 0000 | 00 | 142 345 600 | | 4 | | 250 | 250 | 16 | 8.5 | B7G | P |
| 4H07 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 3 | 1.1 | B4 | T |
| 4H08 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 5 | 1.2 | B4 | T |
| 4H80 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 3 | 1.1 | B4 | T |
| 4HA5 | 412 380 100 0000 | 00 | | | 3.9 | | 200 | | 19 | 20 | B7G | T |
| 4HA7 | 281 100 005 8430 | 00 | 261 100 004 | | 4.2 | [8.5 | 250 | | 10.5 | 2.2 | | |
| | | | | | | 2 | 250 | | 1.2 | 1.6 | A12 | TT |
| 4HK5 | 412 380 100 0000 | 00 | | | 4.0 | | 150 | | 12.5 | 15 | B7G | T |
| 4HM5 | 412 387 100 0000 | 00 | 412 365 100 | | 4 | 1.2 | 150 | | 12.5 | 14.5 | B7G | T |
| 4HM6 | 141 230 871 0000 | 00 | | | 4.2 | 3.9 | 125 | 125 | 13 | 15 | B9A | P |
| 4HQ5 | 412 380 100 0000 | 00 | 412 361 100 | | 4.2 | 1.0 | 150 | | 11.5 | 15 | B7G | T |
| 4HS8 | 178 231 481 0000 | 00 | 157 231 461 | | 4.2 | | 100 | 75 | 2 | 0.4 | B9A | PP |
| 4JC6 | 141 230 871 0000 | 00 | 141 230 851 000 | | 4.5 | 0 | 330 | 330 | 14 | 1.6 | B9A | P |
| 4JK6 | 412 387 100 0000 | 00 | | | 3.7 | 0.9 | 125 | 125 | 11.5 | 18 | B7G | P |
| 4JL6 | 412 387 100 0000 | 00 | | | 3.7 | 0.9 | 125 | 60 | 12.5 | 15.5 | B7G | P |
| 4JD6 | 141 230 871 0000 | 00 | | | 4.5 | 0 | 125 | 125 | 15 | 14 | B9A | P |
| 4JL6 | | | | | 6.3 | 0 | 125 | 60 | 12.5 | 15.5 | B7G | P |
| 4K30 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 10 | 150 | | 20 | 3.6 | B4 | T |
| 4K32 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 200 | | 30 | 3.6 | B4 | T |
| 4K50 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 20 | 200 | | 60 | 5 | B4 | T |
| 4K60 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 20 | 300 | | 60 | 3.5 | B4 | T |
| 4K61 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 300 | | | 3 | B4 | T |
| 4K100 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 300 | 200 | 50 | 4 | B4 | T |
| 4KE8 | 047 230 100 0000 | | 045 230 000 | | 6.3 | 0 | 125 | 125 | 10 | 12 | B9A | PT |
| 4KF8 | 170 231 481 0000 | 00 | | | 4.2 | 1 | 150 | 150 | 4 | 1 | B9A | PP |
| 4KT6 | 178 231 501 0000 | 00 | | | | | | | | | | |
| 4KT6 | 800 230 014 0000 | 00 | 800 000 014 | | 6.3 | 0 | 330 | 330 | 17.0 | 18 | B9A | P |
| 4L11 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 7 | 1.4 | B4 | T |
| 4L12 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 9 | 2 | B4 | T |
| 4L13 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 200 | | 8 | 2 | B4 | T |
| 4L13A | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 11 | 200 | | 14 | 2.5 | B4 | T |
| 4L14 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 200 | | 10 | 2.2 | B4 | T |
| 4L15 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | | 2.2 | B4 | T |
| 4L16 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 100 | 2.2 | B4 | T |
| 4L20 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 100 | | | 1.4 | B4 | T |
| 4L28 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 10.5 | 4 | B4 | T |
| 4L29 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 20 | 3.6 | B4 | T |
| 4LJ8 | 481 230 010 0000 | | 461 230 010 | | 6.3 | [0 | 280 | 0 | 12 | 8.0 | | |
| | 000 238 714 0000 | | 000 236 514 | | | 0 | 280 | 125 | 13.0 | 13.0 | B9A | PP |
| 4LMBT | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 200 | | 3.4 | 2.6 | B5 | T |
| 4MBT | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 200 | | 3.4 | 2.6 | B5 | T |
| 4MP12 | 412 387 400 0000 | 00 | 412 365 400 | | 4 | 6 | 200 | 175 | 25 | 5.5 | B7G | P |
| 4N08 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | 8 | 1.2 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 4N100 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 150 | | | 3.5 | B5 | T |
| 4N110 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 5 | 1.5 | B5 | T |
| 4NG | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 4P25 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 4 | 19 | 250 | 150 | 12 | 1.3 | B4 | P |
| 4R-HH2 | 751 238 410 0000 | 00 | 741 236 410 | | 4.2 | 1 | 90 | | 8.5 | 8 | B9A | TT |
| 4R-HH8 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | 1 | 100 | | 16 | 16 | B9A | TT |
| 4R-HH9 | 841 238 510 0000 | 00 | 641 237 410 | | 4.2 | | 90 | | 16 | 16 | B9A | TT |
| 4S | 29X 130 000 0000 | 00 | 289 130 000 | | 2.5 | | | | | | UX5 | DD |
| 4S-09 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 200 | 100 | 4.5 | 0.9 | B4 | P |
| 4S120 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 60 | 4 | 0.5 | B5 | P |
| 4S121 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 6 | 1 | B5 | P |
| 4S126 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| 4T1 | 842 314 800 0000 | 00 | 642 314 600 | | 4.7 | 2.3 | 80 | | 16 | 6.6 | B7G | T |
| 4THA | 847 231 800 0000 | 40 | 645 231 700 | G1 | 4 | [2 | 100 | | 1.5 | 1.5 | B7 | TH |
| 4TP | 548 231 700 0000 | 80 | 446 231 500 | A2 | 4 | 5 | 150 | 150 | 16 | 4.5 | B7 | TP |
| 4TPB | 081 321 700 0000 | 40 | 061 321 500 | G1 | 4 | 3 | 250 | 150 | 12 | 8 | B7 | P |
| 4TSA | 047 231 800 0000 | 80 | 045 231 600 | A1 | 4 | | 250 | 100 | 5 | 1.6 | B7 | P |
| 4TSP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 3 | 250 | 150 | 12 | 8 | B7 | P |
| 4U130 | 843 210 000 0000 | 00 | 643 210 000 | | 3.5 | | 100 | | | 2.8 | B5 | T |
| 4W08 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 4 | 1.5 | B4 | T |
| 4W100 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 1.5 | 3.5 | B5 | T |
| 4W120 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 2 | 0.7 | B5 | T |
| 4W200 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 150 | | | 3.3 | B5 | T |
| 4X150A | 712 101 314 0000 | 80 | 512 1*1 314 | A1 | 6.3 | 30 | 250 | 200 | 32 | 4.0 | B9G | P |
| 4XP | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 28.5 | 250 | | 48 | 5 | B4 | T |
| 4Z60A | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 30 | | F8 | RR |
| 5A6 | 801 227 413 0000 | 00 | 601 225 413 | | 2.5 | 15 | 150 | 150 | 20 | | B9A | P |
| 5A/102D | 028 710 310 0000 | 40 | 026 510 310 | G1 | 7.5 | 18 | 200 | 150 | 42 | 2.5 | A08 | P |
| 5A/136D | 028 710 310 0000 | 40 | 026 510 310 | G1 | 7.5 | 5.5 | 250 | 150 | 5.2 | 2 | A08 | P |
| 5A/137D | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | 2 | 250 | 100 | 1.8 | | A08 | P |
| 5A/150A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 5.5 | 250 | 150 | 5.2 | 2 | UX6 | P |
| 5A/152M | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 2 | 250 | 150 | 10 | 7.5 | B8B | P |
| 5A/155M | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 2 | 250 | 250 | | 6.5 | B9G | P |
| 5A/156M | 287 114 113 0000 | 00 | 265 114 113 | | 6 | 1.7 | 250 | 250 | 10 | 7.7 | B9G | P |
| 5A/157D | 018 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | | 1.8 | A08 | P |
| 5A/163K | 141 238 117 0000 | 00 | 141 236 115 | | 6 | 1.5 | 200 | 200 | 15 | 15 | B9A | P |
| 5A/170K | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 1.5 | 200 | 150 | 13 | 16.3 | B9A | P |
| 5A/171G | 102 713 410 0000 | 80 | 102 513 410 | A1 | 6 | 5 | 100 | 100 | 20 | 2.7 | B8D | P |
| 5A/180M | 287 104 130 0000 | 00 | 365 104 130 | | 6.3 | | 200 | 150 | 26 | 32 | B8G | P |
| 5A/189KY | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 2 | 250 | 250 | 10 | 7.6 | B7G | P |
| 5A/201K | 412 381 970 0000 | 00 | 412 361 500 | | 6.3 | 3.3 | 200 | 200 | 7.1 | 4 | B7G | DP |
| 5A/206K | *41 23* 876 0000 | 00 | *41 23* 678 | | 6.3 | 2.0 | 200 | 115 | 10.0 | 8.4 | B9A | P |
| 5A/210K | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 5 | 100 | 100 | 12.5 | 4 | B7G | P |
| 5A/220K | 801 227 413 0000 | 00 | 601 225 413 | | 5 | 10 | 150 | 150 | 28 | 4.4 | B9A | P |
| 5AM8 | 147 238 191 0000 | 00 | 145 236 181 | | 4.7 | 1.7 | 200 | 150 | 11.5 | 7.0 | B9A | DP |
| 5AN8 | 841 238 751 0000 | 00 | 641 237 541 | | 5 | [6 | 200 | | 13 | 3.3 | B9A | TP |
| | | | | | | 2.2 | 200 | 150 | 9.5 | 6.2 | | |
| 5AQ5 | 412 387 400 0000 | 00 | 412 365 400 | | 5 | 12.5 | 250 | 250 | 45.0 | 4.1 | B7G | P |
| 5AR4 | 030 90X 020 0000 | 00 | *30 809 020 | | 5 | | | | 120 | | A08 | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|--------------|------------|-----------|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 5AS4 | 030 X09 020 0000 | 00 | 030 908 020 | | 5 | | | | 120 | | A08 | RR |
| 5AS8 | 741 239 118 0000 | 00 | 541 238 116 | | 5 | 2.2 | 200 | 150 | 9.5 | 6.2 | B9A | DP |
| 5AT4 | 030 90X 020 0000 | 00 | 030 809 020 | | 5.0 | | | | | | A08 | RR |
| 5AT8 | 481 238 715 0000 | 00 | 461 237 514 | | 5 | [1 1.8 | 100 250 | 150 | 8.5 7.7 | 5.8 4.6 | B9A | TP |
| 5AU4 | 920 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 180 | | A08 | RR |
| 5AV8 | 148 235 178 0000 | 00 | 146 234 157 | | 5 | [6 2.2 | 200 200 | 150 | 13 9.5 | 3.3 6.2 | B9A | TP |
| 5AW4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| 5AX4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | A08 | RR |
| 5AZ3 | 299 0XX 990 9930 | 00 | | | 5 | | | | 120 | | A12 | RR |
| 5AZ4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | B8B | RR |
| 5B1 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 90 | 2 | 1.4 | B9A | P |
| 5B8 | 148 235 178 0000 | 00 | 146 234 157 | | 5 | [6 1.8 | 200 200 | 150 | 13 9.5 | 3.3 6.3 | B9A | TP |
| 5B/104D | 028 740 310 0000 | 00 | 026 540 310 | | 24 | 2 | 24 | 24 | 3 | 3 | A08 | T |
| 5B/110M | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 6 | 250 | 150 | 38 | 6.5 | B8B | P |
| 5B/152D | 320 704 210 0000 | 80 | 320 504 210 | A1 | 6.3 | 30 | 400 | 300 | 50 | 5.5 | A08 | P |
| 5B/250A | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 12.5 | 400 | 250 | 83 | 6.3 | UX5 | P |
| 5B/251M | 217 044 130 0000 | 80 | 215 044 130 | A1 | 6 | 15 | 250 | 250 | 72 | 6 | B8B | P |
| 5B/252M | 287 044 130 0000 | 00 | 265 044 130 | | 6 | 15 | 250 | 250 | 72 | 6 | B8B | P |
| 5B/253M | 287 044 130 0000 | 00 | 265 044 130 | | 19 | 15 | 150 | 250 | 72 | 6 | B8B | P |
| 5B/254M | 217 144 130 0000 | 80 | 215 144 130 | A1 | 6 | 20 | 300 | 250 | 50 | 5.6 | B8B | P |
| 5B/255M | 287 144 130 0000 | 00 | 265 144 130 | | 6 | 20 | 300 | 250 | 50 | 5.6 | B8B | P |
| 5B/256M | 217 144 130 0000 | 80 | 215 144 130 | A1 | 19 | 20 | 300 | 250 | 50 | 5.6 | B8B | P |
| 5B/257M | 287 144 130 0000 | 00 | 265 144 130 | | 12 | 20 | 300 | 250 | 50 | 5.6 | B8B | P |
| 5B258M | 217 144 130 0000 | 80 | 215 144 130 | A1 | 19 | 14 | 250 | 250 | 72 | 6 | B8B | P |
| 5B/280D | | | *26 541 310 | | 6.3 | 60 | 400 | 300 | 100 | 6.3 | A08 | P |
| 5B/351D | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 10 | 150 | 150 | 200 | 14 | A08 | P |
| 5B/354D | 038 741 210 0000 | 00 | *36 541 210 | | 6.3 | 20 | 300 | 150 | 90 | 10 | A08 | P |
| 5B/355D | 030 740 210 0000 | 80 | *30 540 210 | A1 | 6.3 | 10 | 150 | 150 | 200 | 14 | A08 | P |
| 5B/900A | 204 178 300 0000 | 00 | 2*4 156 300 | | 26 | 14 | 150 | 150 | 500 | 35 | B7A | T |
| 5B/901A | 204 178 300 0000 | 00 | 2*4 156 300 | | 26 | 30 | 150 | 150 | 500 | 25 | B7A | P |
| 5BC3 | 203 0X0 009 0000 | 00 | 2*3 *9* *8 | | 5 | | | | 120 | | B9B | RR |
| 5BC3A | 203 0XX 099 0000 | 00 | 203 087 099 | | 5.0 | | 40 | | 200 | | | RR |
| 5BE8 | 481 238 715 0000 | 00 | 461 237 514 | | 4 | [1 1 | 150 250 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| 5BK7 | 851 238 411 0000 | 00 | 741 236 411 | | 5 | 2 | 150 | | 10.7 | 9.3 | B9A | TT |
| 5BQ7 | 851 238 410 0000 | 00 | 741 236 410 | | 5.6 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| 5BR8 | 481 238 715 0000 | 00 | 461 237 514 | | 5 | [1 0.9 | 150 250 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| 5BS8 | 841 238 510 0000 | 00 | 641 237 410 | | 5.6 | | 150 | | 10 | 7.2 | B9A | TT |
| 5BT8 | X91 238 741 0000 | 00 | 981 236 541 | | 4.7 | 2.2 | 200 | 150 | 9.5 | 6.2 | B9A | DDP |
| 5BW8 | X19 234 178 0000 | 00 | 918 234 156 | | 4.7 | 1.1 | 250 | 100 | 10 | 5.2 | B9A | DDP |
| 5BZ7 | 841 238 510 0000 | 00 | 741 236 410 | | 5.6 | 2.2 | 150 | | 10 | 6.8 | B9A | TT |
| 5CG4 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 60 | | A08 | RR |
| 5CG8 | 481 238 715 0000 | 00 | 461 237 514 | | 4.7 | [0.9 1.9 | 100 250 | 150 | 8.5 7.7 | 5.8 4.6 | B7G | TP |
| 5CL8 | 481 238 715 0000 | 00 | 461 237 514 | | 4.7 | [0.9 1 | 150 150 | 125 | 15 12 | 8 5.8 | B9A | TP |
| 5CL8A | 481 230 000 0000 | 00 | 461 230 000 | | 4.7 | [1 1 | 125 100 | 70 125 | 14 12 | 8.0 6.5 | B9A | TP |
| 5CM6 | 704 234 108 0000 | 00 | 504 234 106 | | 4.7 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 5CM8 | 851 238 714 0000 | 00 | 641 237 514 | | 4.7 | [2 2.2 | 250 200 | 150 | 1.8 9.5 | 2 6.2 | B9A | TP |
| 5CQ8 | 857 238 114 0000 | 00 | 645 237 114 | | 4.2 | [0.8 1 | 150 150 | 125 | 15 12 | 8 5.8 | B7G | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|------------|-----|--------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 5CR8 | 851 238 714 0000 | 00 | 641 237 514 | | 4.7 | [2 | 125 125 | 125 | 12 13 | 4 7.7 | B9A | TP |
| 5CU4 | 190 90X 030 0000 | 00 | 120 809 030 | | 5 | | | | 180 | | A08 | RR |
| 5CZ5 | 704 234 108 0000 | 00 | 504 234 a*6 | | 45 | 6.7 | 100 | 100 | 43 | 9 | B9A | P |
| 5DH8 | 481 238 715 0000 | 00 | 461 237 514 | | 5.2 | [2.5 1 | 250 150 | 125 | 7 13 | 4.4 8.6 | B9A | TP |
| 5DJ4 | 229 9XX 330 0000 | 00 | 228 899 330 | | 5.0 | | | | 120 | | A08 | RR |
| 5DN4 | 229 9XX 330 0000 | 00 | 228 899 330 | | 5 | | | | 120 | | A08 | RR |
| 5E255 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B5 | P |
| 5E415 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| 5EA8 | 857 238 114 0000 | 00 | 645 237 114 | | 4.7 | [1 1 | 150 150 | 125 | 18 12 | 8.5 6.4 | B9A | TP |
| 5EH8 | 148 231 578 0000 | 00 | 146 231 457 | | 4.7 | [1 1 | 150 150 | 125 | 13.5 12 | 7.5 6 | B9A | TP |
| 5ES8 | 841 238 510 0000 | 00 | 641 237 410 | | 5.6 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| 5EU8 | 848 231 517 0000 | 00 | 746 231 415 | | 4.7 | [1 1 | 150 150 | 125 | 18 12 | 8.5 6.4 | B9A | TP |
| 5EW6 | 412 387 100 0000 | 00 | 412 365 100 | | 5.6 | 0.8 | 150 | 125 | 11 | 14 | B7G | P |
| 5FC7 | 148 235 118 0000 | 00 | 146 234 117 | | 5.1 | 1.2 | 100 | | 15 | 12.3 | B9A | TT |
| 5FG7 | 481 238 715 0000 | 00 | 461 237 514 | | 4.7 | [1 1 | 150 150 | 125 | 13 11 | 7.5 6 | B9A | TP |
| 5FV8 | 481 238 715 0000 | 00 | 461 237 514 | | 4.7 | [1 1 | 150 150 | 125 | 14 12 | 8 6.5 | B9A | TP |
| 5GK18 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | | | A08 | RR |
| 5GK20 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 120 | | A08 | RR |
| 5GK22 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | | | A08 | RR |
| 5GK24 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 120 | | A08 | RR |
| 5GH8 | 857 238 114 0000 | 00 | 645 237 114 | | 4.7 | [1 1 | 150 150 | 125 | 13 12 | 8.5 7.5 | B9A | TP |
| 5GH8A | [800 230 014 0000 047 328 100 0000 | 00 00 | 000 230 014 045 230 014 | | 4.7 | [1 1 | 125 125 | 125 | 13.5 12.0 | 8.5 7.5 | B9A | PT |
| 5GM6 | 412 387 000 0000 | 00 | 412 365 000 | | 5.6 | 56 | 150 | 150 | 14 | 13 | B7G | P |
| 5GX6 | 412 387 100 0000 | 00 | 412 365 100 | | 4.7 | | 150 | 100 | 3.7 | 3.7 | B7G | P |
| 5GX7 | 151 238 784 0000 | 00 | 141 236 574 | | 5.6 | [1 1 | 125 125 | 125 | 13 8 | 8.5 11 | B9A | TP |
| 5HA7 | 281 100 005 8430 | 00 | 261 100 004 | | 5.6 | [8.5 2 | 250 250 | | 10.5 1.2 | 22 1.6 | A12 | TT |
| 5H26 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 150 | 100 | 3.2 | | B7G | P |
| 5HB7 | 151 238 784 0000 | 00 | | | 4.7 | 1 | 150 | | 18 | 8.5 | B9A | TP |
| 5HG8 | 151 234 887 0000 | 00 | | | 5.3 | 3 | 100 | | 14 | 5.5 | B9A | TP |
| 5J6 | 882 345 100 0000 | 00 | 672 344 100 | | 5 | [0.8 3 | 100 150 | | 8.5 5 | 5.3 4.5 | B7G | TT |
| 5JK6 | 412 387 100 0000 | 00 | | | 4.9 | 0.9 | 125 | 125 | 11.5 | 18 | B7G | P |
| 5JL6 | 412 387 100 0000 | 00 | | | 4.9 | 0.9 | 125 | 60 | 12.5 | 15.5 | B7G | P |
| 5KD8 | 857 238 114 0000 | 00 | | | 5.6 | 1 | 125 | | 13.5 | 7.5 | B9A | TP |
| 5KE8 | 857 238 114 0000 | 00 | 645 237 114 | | 5.6 | [1 0.4 | 125 125 | 125 | 13 10 | 8 12 | B9A | TP |
| 5K28 | | | | | 4.7 | [1 1 | 125 125 | 125 | 13.5 12.0 | 8.5 7.5 | B9A | TP |
| 5LJ8 | 481 238 715 0000 | 00 | | | 5.6 | [0.7 0.5 | 125 125 | 125 | 13 12 | 8 13 | B9A | TP |
| 5MB8 | 481 238 715 0000 | 00 | | | 5.6 | [0.7 0.4 | 125 125 | 125 | 13 10 | 8 12 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|------|-----|-----|----------|-----------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 5MK9 | 002 390 000 0000 | 00 | 002 380 000 | | 5 | | | | 60 | | B7G | R |
| 5MHH3 | 882 345 100 0000 | 00 | 672 344 100 | | 4.7 | 1 | 100 | | 11 | 7.5 | B7G | TT |
| 5M-HH3 | 142 380 100 0000 | 00 | 142 360 100 | | 4.7 | 1 | 100 | | 11 | 7.5 | B7G | T |
| 5MQ8 | 800 230 014 0000 | 00 | 00 230 014 | | 5.6 | [0 | 330 | | 18 | 8.5 | 9AE | TP |
| | | | | | | 0 | 330 | 125 | 12 | 10 | | |
| 5P29 | 120 740 310 0000 | 80 | 120 540 310 | A1 | 6 | 7 | 250 | 250 | 100 | 14.3 | A08 | P |
| 5Q5 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | 4.6 | 90 | 90 | 4.5 | 2 | A08 | P |
| 5R4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5R4GY | 020 90X 030 0000 | 00 | 020 809 030 | | 5(5.7) | | | | 60 | | | |
| 5RDDH1 | X11 239 841 0000 | 00 | 911 238 641 | | 4.7 | 2 | 250 | | 1.6 | 1.6 | B9A | DDT |
| 5RHH5 | 841 228 513 0000 | 00 | 641 227 413 | | 4.6 | 1 | 100 | | 0.6 | 0.3 | B9A | TT |
| 5RK16 | 900 230 0X0 0000 | 00 | 800 230 090 | | 5 | | | | 120 | | B9A | RR |
| 5T4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| 5T4A | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 4.5 | 250 | 150 | 4.5 | 1.7 | B7 | P |
| 5T8 | 9X1 23Y 148 0000 | 00 | *91 238 146 | | 5 | 3 | 250 | | 1.0 | 1.2 | B9A | DDDT |
| 5U4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5(5.7) | | | | 120 | | A08 | RR |
| 5U4-GA | 020 X09 030 0000 | 00 | 020 908 030 | | 5.0 | | 750 | | 525 | | B5-15 | RR |
| 5U8 | 857 238 114 0000 | 00 | 645 237 114 | | 5 | [1 | 150 | | 18 | 8.5 | B9A | TP |
| | | | | | | 1 | 250 | 100 | 10 | 5.2 | | |
| 5V3 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| 5V4 | 030 90X 020 0000 | 00 | 030 809 020 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5V6 | 028 740 310 0000 | 00 | 026 540 310 | | 4.7 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| 5W4 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | A08 | RR |
| 5X3 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 15 | | A08 | RR |
| 5X4 | 009 0X0 230 0000 | 00 | 008 090 230 | | 5 | | | | 120 | | A08 | RR |
| 5X8 | 148 231 578 0000 | 00 | 146 231 457 | | 5 | [1 | 100 | | 8.5 | 5.8 | B9A | TP |
| | | | | | | 1.8 | 250 | 150 | 7.7 | 4.6 | | |
| 5Y3 | 020 90X 030 0000 | 00 | | | 5 | | | | 60 | | A08 | RR |
| 5Y3GB | 030 90X 020 0000 | 00 | 030 809 020 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5Y3GR | 020 90X 030 0000 | 00 | 020 809 030 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5Y3GT | 020 90X 030 0000 | 00 | 020 809 030 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5Y4 | 009 0X0 230 0000 | 00 | 008 090 230 | | 5 | | | | 60 | | A08 | RR |
| 5Y4SG | 009 0X0 230 0000 | 00 | 008 090 230 | | 5 | | | | 60 | | A08 | RR |
| 5Z3 | 29X 300 000 0000 | 00 | 289 300 000 | | 5(5.7) | | | | 120 | | UX4 | RR |
| 5Z4 | 030 90X 020 0000 | 00 | 030 809 020 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5Z4G | 030 90X 020 0000 | 00 | 030 809 020 | | 5(5.7) | | | | 60 | | A08 | RR |
| 5Z10 | 020 X09 030 0000 | 00 | 020 908 030 | | 5 | | | | 120 | | B8A | RR |
| 6/30L2 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 7.9 | 200 | | 10 | 3.4 | B9A | TT |
| 6A3 | 284 300 000 0000 | 00 | 264 300 000 | | 6 | 36 | 250 | | 60 | 5.25 | UX4 | T |
| 6A4 | 284 730 000 0000 | 00 | 264 530 000 | | 6 | 9 | 150 | 150 | 14 | 1.9 | UX5 | P |
| 6A5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 45 | 250 | | 60 | 5.25 | A08 | T |
| 6A6 | 285 148 300 0000 | 00 | 274 146 300 | | 6 | 5 | 250 | | 3.0 | 1.6 | UX7 | TT |
| 6A7 | 287 741 300 0000 | 40 | 265 541 300 | G1 | 6 | 8 | 250 | 100 | 3.5 | 1.1 | Sm7 | H |
| 6A8 | 028 747 310 0000 | 40 | 026 545 310 | G1 | 6 | 8 | 250 | 100 | 3.5 | 1.1 | A08 | H |
| 6A10C | 028 741 340 0000 | 00 | 026 541 340 | | 6 | | 250 | 100 | 3.5 | | A08 | H |
| 6AB4 | 802 304 100 0000 | 00 | 602 304 100 | | 6 | 2 | 250 | | 10 | 5.5 | B7G | T |
| 6AB5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 15.5 | 150 | 150 | 0.1 | †1.0MΩ | UX6 | TI |
| 6AB7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 300 | 200 | 12.5 | 5 | A08 | P |
| 6AB8 | *41 238 175 0000 | 00 | 641 237 154 | | 6 | 2 | 100 | | 4 | 1.4 | B9A | TP |
| | | | | | | 8 | 200 | 200 | 17.5 | 3.5 | | |
| 6AC5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 0 | 250 | | 2.5 | | A08 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|--------------|------------|--------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6AC6 | [020 840 310 0000 028 050 310 0000 | 00 00] | 026 740 310 | | 6 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 6AC7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 300 | | | | | |
| 6AC9 | 2X1 100 114 7830 | 00 | | | 6.3 | 1 | 125 | 125 | 12 | 10 | A12 | DDP |
| 6AD4 | 402 013 080 0000 | 00 | 402 013 080 | | 6 | 11.5 | 100 | | 1.4 | 2 | B8B | T |
| 6AD5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 1 | 250 | | 0.9 | 1.5 | A08 | T |
| 6AD6 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | [3 50 | 150 150 | 150 | | | A08 | TI |
| 6AD7 | 428 758 310 0000 | 00 | 427 546 310 | | 6 | [25 16.5 | 250 250 | 250 | 4 34 | 0.3 2.5 | A08 | TP |
| 6AD8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2.0 | 250 | 90 | 6.7 | 1.1 | B9A | DDP |
| 6AE4 | | | 026 040 310 | | 6 | 15 | 100 | | 7 | 1.2 | A08 | T |
| 6AE5 | 028 040 310 0000 | 00 | | | 6 | 15 | 100 | | 7 | 1.2 | A08 | T |
| 6AE6 | [020 840 310 0000 028 050 310 0000 | 00 00] | 026 740 310 | | 6 | 1.5 | 250 | | 6.5 | 1 | A08 | TT |
| 6AE7 | 028 415 310 0000 | 00 | 026 414 310 | | 6 | 13.5 | 250 | | 10 | 3 | A08 | TT |
| 6AE8 | [051 230 480 0000 751 238 500 0000 | 00 00] | 541 237 46* | | 6 | [2 2 | 100 250 | 90 | 5.2 3.5 | 2.2 | B9A | TH |
| 6AF3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6 | | | | 120 | | B9A | R |
| 6AF4 | 842 314 800 0000 | 00 | 642 314 600 | | 6 | 4 | 100 | | 15 | 6.6 | B7G | T |
| 6AF4A | | | 642 314 600 | | 6 | 3 | 100 | | 20 | 7.5 | B7G | T |
| 6AF5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 18 | 200 | | 7 | 1.5 | A08 | T |
| 6AF6 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 81 | 150 | 125 | | | A08 | TI |
| 6AF7 | [028 470 310 0000 020 478 310 0000 | 00 00] | 026 457 310 | | 6.3 | [45 15 | 200 200 | 200 | 0.16 0.15 | †1 †1 | A08 | TI |
| 6AF11 | 285 814 181 7630 | 00 | | | 6.3 | [2 3 | 200 200 | 150 | 7 24 | 5.5 11 | A12 | TTP |
| 6AG5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.5 | 250 | 150 | 6.5 | 5 | B7G | P |
| 6AG6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | 250 | 32 | 10 | A08 | P |
| 6AG7 | 120 417 380 0000 | 00 | 120 415 360 | | 6 | 3 | 300 | 150 | 30 | 11 | A08 | P |
| 6AG11 | 219 148 851 X130 | 00 | 218 146 641 | | 6.3 | 1 | 125 | | 7.5 | 7.8 | A12 | DDTT |
| 6AH4 | 420 080 310 0000 | 00 | 420 060 310 | | 6 | 23 | 250 | | 30 | 4.5 | A08 | T |
| 6AH5 | 720 804 310 0000 | 00 | 520 604 310 | | 6 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| 6AH6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 300 | 150 | 10 | 9 | B7G | P |
| 6AH7 | 518 148 230 0000 | 00 | 417 146 230 | | 6.3 | 9 | 250 | | 12 | 2.4 | A08 | TT |
| 6AH9 | 248 100 000 0030 | 00 | | | 6.3 | 9 | [250 250 | 128 150 | 8.0 25.0 | 2.75 21 | A12 | PT |
| 6AJ4 | 414 484 234 0000 | 00 | 414 464 234 | | 6 | 2 | 125 | | 8 | 7 | B9A | T |
| 6AJ5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 7.5 | 200 | 175 | 2.9 | 2.7 | B7G | P |
| 6AJ7 | 020 417 380 0000 | 00 | 020 415 360 | | 6 | | 300 | 150 | 10 | 9 | A08 | P |
| 6AJ8 | 751 238 084 0000 | 00 | 541 237 164 | | 6 | [3 2 | 100 250 | 100 | 5 6.5 | 2.3 2.4 | B9A | TH |
| 6AK4 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2.5 | 250 | | 9.5 | 3.8 | B8D | T |
| 6AK5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| 6AK6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 9 | 200 | 175 | 15 | 2.3 | B7G | P |
| 6AK7 | 120 417 380 0000 | 00 | 120 415 360 | | 6 | 3 | 300 | 150 | 30 | 11 | A08 | P |
| 6AK8 | Y91 23X 148 0000 | 00 | †91 238 146 | | 6 | 3 | 250 | | 1.0 | 1.2 | B9A | DDDT |
| 6AL3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6 | | | | | | B9A | D |
| 6AL5 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | | | B7G | DD |
| 6AL6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 14 | 250 | 250 | 72 | 6 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6AL11 | 215 118 741 7830 | 00 | | | 6.3 | 2 | 15 | 100 | 1.3 | 1 | A12 | PP |
| 6AM4 | 414 484 234 0000 | 00 | 414 464 234 | | 6 | 1 | 200 | | 10 | 9.8 | B9A | T |
| 6AM5 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| ξ 6AM6 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.5 |] B7G | P |
| | | | | | | 1.5 | 200 | 150 | 4 | 6.4 | | |
| 6AM8 | 147 238 191 0000 | 00 | 145 236 181 | | 6 | 1.7 | 200 | 150 | 11.5 | 7 | B9A | DP |
| 6AN4 | 842 314 800 0000 | 00 | 642 314 600 | | 6 | 1.3 | 200 | | 13 | 10 | B7G | T |
| 6AN5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 6 | 150 | 125 | 35 | 8 | B7G | P |
| 6AN6 | 29X YZ1 300 0000 | 00 | 289 111 300 | | 6 | | | | | | B7G | DDDD |
| 6AN7 | 051 230 084 0000 | 00 | 541 230 764 |] | 6 | 2 | 100 | | 5 | 2 |] B9A | TP |
| | 751 230 805 0000 | 00 | | | | 2 | 250 | 100 | 3 | 0.7 | | |
| 6AN8 | 841 238 751 0000 | 00 | 641 237 541 | | 6 | 6 | 200 | | 13 | 3.3 |] B9A | TP |
| | | | | | | 2.2 | 200 | 150 | 9.5 | 6.2 | | |
| 6AQ4 | 412 314 800 0000 | 00 | 412 314 600 | | 6 | 2 | 250 | | 6 | 8.5 | B7G | T |
| 6AQ5 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| 6AQ6 | 412 39X 800 0000 | 00 | 412 398 600 | | 6 | 3 | 250 | | 1.0 | 1.2 | B7G | DDT |
| 6AQ7 | 91X 481 230 0000 | 00 | 918 461 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | DDT |
| 6AQ8 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2.3 | 250 | | 10 | 5.5 | B9A | TT |
| 6AR5 | 412 387 000 0000 | 00 | 412 365 000 | | 6 | 16 | 250 | 250 | 34 | 2.4 | B7G | P |
| 6AR6 | 108 072 430 0000 | 00 | 106 052 430 | | 6 | 36 | 300 | 300 | 58 | 4.3 | A08 | P |
| 6AR7 | 481 9X1 230 0000 | 00 | 461 891 230 | G1 | 6 | 2 | 250 | | 1.3 | 1 | A08 | DDT |
| 6AR7GT | 208 7X9 130 0000 | 40 | 206 598 130 | | 6 | 2 | 250 | 100 | 7 | 2.5 | A08 | DDP |
| 6AR8 | 117 324 188 0000 | 00 | 115 324 166 | | 6 | 3 | 250 | 250 | 10 | 4 | B9A | P |
| 6AR11 | 287 151 187 4130 | 00 | | | 6.3 | 0.7 | 125 | 125 | 11 | 10.5 | A12 | PP |
| 6AS4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | | | A08 | R |
| 6AS5 | 142 347 800 0000 | 00 | 142 345 600 | | 6 | 8.5 | 150 | 125 | 35 | 5.6 | B7G | P |
| 6AS6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 5.5 | 3.5 | B7G | P |
| 6AS7 | 501 481 230 0000 | 00 | 471 461 230 |] | 6 | 40 | 100 | | 50 | 7 | A08 | TT |
| | 581 401 230 0000 | 00 | | | | | | | | | | |
| 6AS8 | 741 239 118 0000 | 00 | 541 238 116 | | 6 | 2.2 | 200 | 150 | 9.5 | 6.2 | B9A | DP |
| 6AS11 | 285 814 181 7630 | 00 | | | 6.3 | 2 | 200 | | 9.2 | 4.4 |] A12 | TTP |
| | | | | | | 2 | 200 | 125 | 24 | 10.5 | | |
| 6AT6 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| 6AT7 | 851 228 413 0000 | 00 | 641 237 410 | | 6 | 2 | 250 | | 10 | 5.5 |] B9A | TT |
| | | | | | | 1 | 100 | | 3.7 | 4 | | |
| 6AT8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | 1 | 100 | | 8.5 | 5.8 |] B9A | TP |
| | | | | | | 1.8 | 250 | 150 | 7.7 | 4.6 | | |
| 6AU4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | 120 | | A08 | R |
| 6AU5 | 421 080 370 0000 | 00 | 421 060 350 | | 6 | 20 | 200 | 150 | 50 | 5.6 | A08 | P |
| 6AU6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 10 | 5.2 | B7G | P |
| 6AU7 | 841 228 513 0000 | 00 | 641 227 413 | | 3 | 8.5 | 250 | | 10 | 2.2 | B9A | TT |
| 6AU8 | 148 231 578 0000 | 00 | 146 213 457 | | 6 | 1.2 | 150 | | 8.5 | 4.8 |] B9A | TP |
| | | | | | | 1.5 | 200 | 125 | 15 | 7 | | |
| 6AV4 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| 6AV5 | 421 080 370 0000 | 00 | 421 060 350 | | 6 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 6AV6 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------------|------------|-----|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6AV8 | 485 231 871 0000 | 00 | 464 231 751 | | 6 | [6 2.2 | 200 200 | 150 | 13 9.5 | 3.3 6.2 | B9A | TP |
| 6AV11 | 281 181 504 8630 | 00 | | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | A12 | TTT |
| 6AW4 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX5 | RR |
| 6AW5 | 209 1X0 310 0000 | 00 | 208 190 310 | | 6 | | | | 30 | | A08 | RR |
| 6AW6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.8 | 250 | 150 | 7 | 5 | B7G | P |
| 6AW7 | 14X 918 230 0000 | 00 | 149 816 230 | | 6 | 0 | 100 | | 1.4 | 1.2 | A08 | DDT |
| 6AW8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [2 3 | 200 200 | 150 | 4 13 | 4 9 | B9A | TP |
| 6AX2 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 6 | | | | 120 | | B9A | R |
| 6AX3 | 200 900 100 8030 | 00 | | | 6.3 | | | | 120 | | A12 | R |
| 6AX4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | 120 | | A08 | R |
| 6AX5 | 02X 090 310 0000 | 00 | 029 080 310 | | 6 | | | | 60 | | A08 | RR |
| 6AX6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 6 | | | | 120 | | A08 | RR |
| 6AX7 | 841 228 513 0000 | 00 | 641 227 413 | | 3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 6AX8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [1 1.2 | 150 250 | 100 | 18 10 | 8.5 4.8 | B9A | TP |
| 6AY3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 6.3 | | | | 120 | | B9D | R |
| 6AY5 | 023 740 310 0000 | 80 | 023 540 310 | A1 | 6 | 12.5 | 250 | 250 | 47 | 4.1 | A08 | P |
| 6AY8 | 028 79X 310 0000 | 40 | 026 589 310 | G1 | 6 | 5 | 250 | 100 | 52 | 9.5 | A08 | DDP |
| 6AY11 | 219 158 841 X130 | 00 | | | 6.3 | 2 | 250 | | 1.2 | 1.9 | B8A | DD |
| 6AZ5 | 910 230 1X0 0000 | 00 | 810 230 190 | | 6 | | | | | | B8A | DD |
| 6AZ6 | 093 113 X00 0000 | 00 | 083 113 900 | | 6 | | | | | | B8A | DD |
| 6AZ8 | 871 325 184 0000 | 00 | 751 324 164 | | 6 | [6 2.3 | 200 200 | 150 | 13 9.5 | 3.3 6 | B9A | TP |
| 6B2P | 472 389 100 0000 | 00 | 452 368 100 | | 6.3 | 3 | 250 | 100 | 6.7 | 1.85 | B7G | P |
| 6B3 | 090 230 909 0000 | 10 | 080 230 808 | C | 6 | | | | | | B9A | D |
| 6B4 | 028 040 300 0000 | 00 | 026 040 300 | | 6 | 45 | 250 | | 60 | 5.2 | A08 | T |
| 6B6 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 2 | 250 | | 0.9 | 1.1 | A08 | DDT |
| 6B7 | 289 9X1 300 0000 | 40 | 265 891 300 | G1 | 6 | 3 | 250 | 150 | 9 | 1.1 | Sm7 | DDP |
| 6B8 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 6 | 3 | 250 | 150 | 10 | 1.3 | A08 | DDP |
| 6B10 | 215 848 1X1 9030 | 00 | | | 6.3 | 9.5 | 250 | | .7 | 1.8 | A12 | DDTT |
| 6B11 | 288 474 130 0000 | 00 | 276 454 130 | | 6 | [3 100 | 150 | 125 | 5 | 2.3 | B9A | TH |
| 6B31 | 921 013 X00 0000 | 00 | 821 013 900 | | 6.3 | | | | | | B7G | DD |
| 6B32 | 192 310 X00 0000 | 00 | 182 311 900 | | 6.3 | | | | 5 | | B7G | DD |
| 6BA3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 6.3 | | | | 180 | | B9A | R |
| 6BA5 | 402 083 710 0000 | 00 | 402 063 510 | | 6 | 2 | 100 | 100 | 5.5 | 2.1 | B8A | P |
| 6BA6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 6BA7 | 841 231 108 0000 | 00 | 641 231 106 | | 6 | 2 | 100 | | 18 | 7.0 | B9A | H |
| 6BA8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [8 2.5 | 200 200 | 150 | 8 13 | 2.7 9 | B9A | TP |
| 6BA11 | 2Y7 418 114 1830 | 00 | | | 6.3 | [11 100 | 250 100 | 60 | 5.0 1.7 | 1.8 1.7 | A12 | TPP |
| 6BC4 | 844 231 448 0000 | 00 | 644 231 446 | | 6 | 1.5 | 150 | | 14.5 | 10 | B8A | T |
| 6BC5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.3 | 250 | 150 | 7.5 | 5.7 | B7G | P |
| 6BC7 | 190 23X 1Y1 0000 | 00 | 180 239 1+1 | | 6 | | | | 5 | | B9A | DDD |
| 6BC8 | 841 238 510 0000 | 00 | 741 236 410 | | 6 | 2.2 | 150 | | 10.0 | 6.2 | B9A | TT |
| 6BC32 | 412 39X 800 0000 | 00 | 412 389 600 | | 6.3 | 2 | 250 | | 1 | 1.6 | B7G | DDT |
| 6BD5 | 421 080 370 0000 | 00 | 421 060 350 | | 6 | 12 | 200 | 200 | | 5 | A08 | P |
| 6BD6 | 412 387 100 0000 | 00 | 412 354 100 | | 6 | 3 | 250 | 100 | 9 | 2 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-------|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6BD7 | 841 239 0X0 0000 | 00 | 641 238 09* | | 6 | 3.0 | 250 | | 1.0 | 1.2 | B9A | DDT |
| 6BD11 | 285 814 181 7630 | 00 | | | 6.3 | [11 | 250 | | 5.0 | 1.8 | A12 | TPP |
| | | | | | | | 100 | 60 | | 1.7 | | |
| 6BE3 | 200 900 100 9030 | 00 | | | 6 | [8 | 200 | | 8 | 2.7 | B9A | TP |
| | | | | | | | 2.5 | 200 | 150 | 9 | | |
| 6BE6 | 412 388 400 0000 | 00 | 412 366 400 | | 6 | 6 | 150 | | 7.5 | 3.5 | B7G | H |
| 6BE7 | 741 238 114 0000 | 00 | 541 236 114 | | 6 | 1 | 250 | 20 | 0.95 | 0.7 | B9A | N |
| 6BE8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | [1 | 150 | | 18 | 8.5 | B9A | TP |
| | | | | | | | 1 | 250 | 100 | 5.2 | | |
| 6BF5 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 7.5 | 100 | 100 | 36 | 7.5 | B7G | P |
| 6BF6 | 412 3X9 800 0000 | 00 | 412 398 600 | | 6 | 9 | 250 | | 9.5 | 1.9 | B7G | DDP |
| 6BF7 | 842 113 580 0000 | 00 | 642 113 470 | | 6 | 0.8 | 100 | | 8 | 4.8 | B8D | TT |
| 6BF11 | 215 017 841 7830 | 00 | | | 6.3 | [6 | 150 | 100 | 38 | 2.6 | A12 | PP |
| | | | | | | | 1.8 | 150 | 100 | 1 | | |
| 6BG6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 6 | 15 | 250 | 250 | 75 | 6 | A08 | P |
| 6BG7 | 852 113 480 0000 | 00 | 742 113 460 | | 6 | 0.8 | 100 | | 8 | 4.8 | B9A | TT |
| 6BH3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 6.3 | | | | | | B9D | R |
| 6BH3A | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | | 32 | | 350 | | | R |
| 6BH5 | 741 238 000 0000 | 00 | 541 236 000 | | 6 | 2.5 | 250 | 100 | 6 | 1.7 | B9A | P |
| 6BH6 | 412 385 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 7.4 | 4.6 | B7G | P |
| 6BH8 | 148 321 578 0000 | 00 | 146 321 457 | | 6 | [5 | 250 | | 9.5 | 3.3 | B9A | TP |
| | | | | | | | 1.6 | 200 | 125 | 7 | | |
| 6BH11 | 281 514 867 8130 | 00 | | | 6.3 | [1 | 125 | | 8.5 | 13.5 | A12 | TTP |
| | | | | | | | 1 | 125 | 125 | 7.5 | | |
| 6BJ5 | 412 380 700 0000 | 00 | 412 36* 500 | | 6 | 5 | 250 | 250 | 35 | 10.5 | B7G | P |
| 6BJ6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 9.2 | 3.6 | B7G | P |
| 6BJ7 | 1Y0 23X 191 0000 | 00 | 110 239 181 | | 6 | | | | | | B9A | DDD |
| 6BJ8 | 911 23X 841 0000 | 00 | 811 239 641 | | 6 | 9 | 250 | | 8 | 2.8 | B9A | DDT |
| 6BK4B | 120 040 300 0000 | 00 | 120 040 030 | A | 6.3 | [7 | 27000 | 0 | 1.6 | 0.2 | B8-71 | T |
| | | | | | | | 0 | 40 | | | | |
| 6BK5 | 804 231 470 0000 | 00 | 604 231 450 | | 6 | 5 | 250 | 250 | 35 | 8.5 | B9A | P |
| 6BK6 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 6BK7 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 1.0 | 100 | | 9 | 6.1 | B9A | TT |
| 6BK7A | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2 | 150 | | 10.7 | 9 | B9A | TT |
| 6BK7B | [000 230 410 0000 | 00 | 000 236 410 | | 6.3 | 11 | 150 | | 18 | 9.3 | B9A | TT |
| | 841 230 000 0000 | 00 | 841 230 000 | | | | | | | | | |
| 6BK8 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | | 150 | 150 | 3 | 1.8 | B9A | P |
| 6BL4 | 001 090 230 0000 | 00 | **1 *8* 230 | | 6 | | | | 180 | | A08 | R |
| 6BL7 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 9 | 250 | | 40 | 7 | A08 | TT |
| 6BL8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [2 | 100 | | 14 | 5 | B9A | TP |
| | | | | | | | 2 | 200 | 175 | 6.2 | | |
| 6BM5 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 6 | 250 | 250 | 30 | 7 | B9A | P |
| 6BM8 | 415 238 718 0000 | 00 | 414 237 516 | | 6 | [1 | 200 | | 3.7 | 2.5 | B9A | TP |
| | | | | | | | 16 | 200 | 200 | 6.4 | | |
| 6BN4 | 142 381 400 0000 | 00 | 142 361 400 | | 6 | 2.2 | 150 | | 9 | 7 | B7G | T |
| 6BN4A | 142 381 000 0000 | 00 | 142 361 400 | | 6.3 | 6 | 150 | | 9 | 7.7 | B7G | T |
| 6BN5 | 441 231 817 0000 | 00 | 441 231 615 | | 6 | 10.8 | 250 | 225 | 25 | 3.2 | B9A | P |
| 6BN6 | 142 374 800 0000 | 00 | 142 354 600 | | 6 | 1 | 60 | 60 | 0.5 | 1.0 | B7G | P |
| 6BN7 | 851 231 408 0000 | 00 | 741 231 406 | | 6 | [15 | 250 | | 24 | 5.5 | B9A | TT |
| | | | | | | | 1 | 125 | 5 | 2 | | |
| 6BN8 | 911 23X 841 0000 | 00 | 811 239 641 | | 6.3 | 3 | 250 | | 1.6 | 2.5 | B9A | DDT |
| 6BN11 | 214 780 517 0830 | 00 | 214 560 415 | A | 6.3 | 0.8 | 150 | 125 | 11 | 14 | A12 | PP |
| 6BP16 | 280 173 041 0000 | 00 | 260 153 041 | | 6.3 | | 150 | 150 | 50 | 26 | B9A | P |
| 6BQ5 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| 6BQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|------------|-----|------------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6BQ7 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2 | 150 | | 9 | 6 | B9A | TT |
| 6BR5 | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 6.3 | 14 | 200 | 200 | 0.4 | †0.5 | B9A | TT |
| 6BR7 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 3 | 250 | 100 | 2 | 1.2 | B9A | P |
| 6BR8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | [1 0.8 | 150 250 | | 18 100 | 8.5 5.2 | B9A | TP |
| 6BR8A | [481 230 000 0000 000 238 715 0000 | 00 | 461 230 000 000 236 514 |] | 6.3 | [1 1 | 125 125 | | 3.5 110 | 7.5 9.5 | B9A | TP |
| 6BS3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 6.3 | | | | 180 | | B9D | R |
| 6BS3A | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | | 12 | | | 140 | | R |
| 6BS4 | 842 314 800 0000 | 00 | 642 314 600 | | 6 | 4 | 100 | | 16 | 8 | B7G | T |
| 6BS5 | 741 238 001 0000 | 00 | 541 236 **1 | | 6 | 7.5 | 250 | 250 | 50 | 7 | B9A | P |
| 6BS7 | 001 230 871 0000 | 40 | 001 230 651 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | B9A | P |
| 6BS8 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | 2.2 | 150 | | 10 | 7.2 | B9A | TT |
| 6BT4 | 290 00X 130 0000 | 00 | 280 009 130 | | 6 | | | | 30 | | B8A | RR |
| 6BT6 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| 6BT8 | 9X1 238 741 0000 | 00 | 891 236 541 | | 6 | 2.2 | 200 | 150 | 9.5 | 6.2 | B9A | DDP |
| 6BU6 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 9 | 150 | | 9.5 | 1.9 | B7G | DDT |
| 6BU8 | [178 231 401 0000 170 231 581 0000 | 00 | 157 231 461 |] | 6 | | 100 | 60 | 2.2 | 1.5 | B9A | PP |
| 6BV7 | 987 23X 141 0000 | 00 | 865 239 141 | | 6 | 5 | 250 | 250 | 38 | 10 | B9A | DDP |
| 6BV8 | 148 23X 119 0000 | 00 | 146 239 118 | | 6 | 3.7 | 200 | | 11 | 5.6 | B9A | DDT |
| 6BW4 | 900 230 X01 0000 | 00 | 800 230 901 | | 6 | | | | 30 | | B9A | RR |
| 6BW6 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 13 | 300 | 225 | 34 | 3.7 | B9A | P |
| 6BW7 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2.4 | 250 | 250 | 9.7 | 8.2 | B9A | P |
| 6BW8 | X19 234 178 0000 | 00 | 918 234 156 | | 6.3 | 1.1 | 250 | 100 | 10 | 5.2 | B9A | DDP |
| 6BW11 | 214 780 087 1530 | 00 | | | 6.3 | 0.8 | 150 | 125 | 11 | 14 | A12 | PP |
| 6BX4 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| 6BX6 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 3 | 200 | 200 | 8 | 7.2 | B9A | P |
| 6BX7 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 16.4 | 250 | | 42 | 7.6 | A08 | TT |
| 6BX8 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | 5 | 150 | | 11 | 7.5 | B9A | TT |
| 6BY5 | 120 X90 310 0000 | 00 | 120 980 310 | | 6 | | | | 60 | | A08 | RR |
| 6BY6 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 2.5 | 250 | 100 | 6.5 | 2.4 | B7G | H |
| 6BY7 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 250 | 100 | 10 | 6 | B9A | P |
| 6BY8 | 411 239 871 0000 | 00 | 411 238 651 | | 6.3 | 1.1 | 100 | 100 | 5 | 3.9 | B9A | DP |
| 6BZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 100 | 125 | 14 | 8 | B7G | P |
| 6BZ7 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2.2 | 150 | | 10 | 6.8 | B9A | TT |
| 6BZ8 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | 1 | 150 | | 10 | 8 | B9A | TT |
| 6C2C | 028 458 300 0000 | 00 | 026 447 300 | | 6.3 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 6C3M | 028 040 300 0000 | 00 | 026 040 300 | | 2 | 2.5 | 150 | | 1.5 | 1.3 | A08 | T |
| 6C4 | 802 384 100 0000 | 00 | 602 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| 6C4A | 028 040 300 0000 | 00 | 026 040 300 | | 6.3 | | 250 | | 60 | 5.2 | A08 | T |
| 6C5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 8 | 2 | A08 | T |
| 6C6 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| 6C7 | 280 9X1 300 0000 | 40 | 260 891 300 | G1 | 6 | 9 | 250 | | 4.5 | 1.2 | Sm7 | DDT |
| 6C8 | 028 148 310 0000 | 50 | 026 147 310 | G1 | 6 | 4.5 | 250 | | 3.2 | 1.6 | A08 | TT |
| 6C9 | [208 405 130 0000 280 575 130 0000 | 00 | 276 454 130 |] | 6 | [2.5 2.5 | 100 150 | | 5 100 | 3 2.5 | B8A | TH |
| 6C10 | [280 405 130 0000 208 575 130 0000 | 00 | 276 454 130 |] | 6 | [2 2 | 100 250 | | 5 100 | 2.2 2.4 | B8A | TH |
| 6C12 | 751 238 084 0000 | 00 | 541 237 164 | | 6.3 | [3 2 | 100 250 | | 3 100 | 2 2.4 | B9A | TH |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|---------------|------------|------------|------------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6C16 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [2 2 | 100 200 | | 14 10 | 5 6.2 |] B9A | TP |
| 6C18 | 878 231 514 0000 | 00 | | | 6.3 | [3 1.5 | 100 125 | 175 | 14 10 | 5.5 11 | | |
| 6C31 | [020 048 310 0000 028 750 310 0000 | 40 50 |] 027 546 310 | G1 | 6 | [4 3 | 100 250 | | 7 5 | 3.4 2.8 |] A08 | TH |
| 6C31 | 412 344 800 0000 | 00 | | | 6.3 | 15 | 150 | 100 | | 12 | | |
| 6C93 | 200 800 100 803 | 00 | | | 6.3 | | 20 | | 600 | | A12 | R |
| 6CA4 | 901 230 X00 0000 | 00 | 8*1 23* 9** | | 6 | | | | 60 | | B9A | RR |
| 6CA5 | 142 347 800 0000 | 00 | 142 345 600 | | 6 | 4.5 | 150 | 125 | 36 | 9.2 | B7G | P |
| 6CA7 | 128 740 310 0000 | 00 | 126 540 310 | | 6 | 14.5 | 250 | 250 | 57 | 8.5 | A08 | P |
| 6CB5 | 721 441 370 0000 | 80 | 521 441 350 | A | 6.3 | 30 | 175 | 175 | 90 | 8.8 | A08 | P |
| 6CB5A | 721 441 370 0000 | 80 | 521 441 350 | A | 6.3 | [0 30 | 75 175 | 150 125 | 460 90 |] 8.8 | | P |
| 6CB6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 150 | 125 | 13 | | B7G | P |
| 6CB6A | | | 412 365 100 | | 6.3 | 2 | 200 | 150 | 9.5 | 6.2 | B7G | P |
| 6CC10 | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 9 | 250 | | 6.5 | 2.2 | B8A | TT |
| 6CC31 | 882 354 100 0000 | 00 | 672 344 100 | | 6.3 | | 200 | | 6 | 3 | B7G | TT |
| 6CC40 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 6CC41 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.5 | 250 | | 2.3 | 2 | B9A | TT |
| 6CC42 | 214 808 513 0000 | 00 | 214 607 413 | | 6.3 | 2 | 150 | | 8 | 5.2 | B9A | TT |
| 6CC43 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 2.3 | 250 | | 10 | 5.9 | B9A | TT |
| 6CD6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 6 | 30 | 200 | 175 | 75 | 7.7 | A08 | P |
| 6CK6G | | | 021 040 350 | | 6.3 | 30 | 200 | 150 | 64 | 6.7 | A08 | P |
| 6CD6GA | 021 040 370 0000 | 80 | 021 040 350 | A | 6.3 | 30 | 175 | 175 | 75 | 7.7 | B8G | P |
| 6CD7 | 028 748 310 0000 | 00 | 026 546 310 | | 6.3 | [4.2 12.5 | 250 250 | 250 | 1 | †1.0 |] A08 | TI |
| 6CE3 | 200 900 100 9030 | 00 | | | 6.3 | | | | 180 | | | |
| 6CE5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 200 | 125 | 11 | 7.6 | B7G | P |
| 6CF5 | 402 387 100 0000 | 00 | 402 365 100 | | 6.3 | | 150 | 125 | 11 | 7.6 | B7G | P |
| 6CF6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 200 | 125 | 12 | 7.8 | B7G | P |
| 6CF8 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 2 | 250 | 150 | 3 | 1.85 | B9A | P |
| 6CG6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 8 | 250 | 150 | 9 | 2 | B7G | P |
| 6CG7 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | 8 | 250 | | 9 | 2.6 | B9A | TT |
| 6CG8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | [2 2 | 100 250 | | 8.5 7.7 | 5.8 4.6 |] B9A | TP |
| 6CH3 | 090 230 901 0000 | 00 | 080 230 801 | | 6.3 | | | | 180 | | | |
| 6CH6 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | R |
| 6CH7 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2.2 | 150 | | 10 | 6.8 | B9A | TT |
| 6CH8 | 187 321 548 0000 | 00 | 175 321 446 | | 6 | [2 2.2 | 200 200 | | 13 9.5 | 3.3 6.3 |] B9A | TP |
| 6CH40 | 751 238 584 0000 | 00 | 541 237 464 | | 6.3 | [2 2 | 100 250 | | 4.5 10 |] 3.2 |] B9A | TH |
| 6CJ3 | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | | 16 | | 350 | | | |
| 6CJ5 | 280 074 130 0000 | 00 | 260 054 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8A | P |
| 6CJ6 | 041 230 071 0000 | 80 | 041 230 051 | A1 | 6 | | 200 | 200 | 45 | 6.2 | B9A | P |
| 6CK3 | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | | 16 | | 350 | | | R |
| 6CK4 | 424 080 310 0000 | 00 | 424 060 310 | | 6 | 28 | 250 | | 40 | 5.5 | A08 | T |
| 6CK5 | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 7 | 250 | 250 | 36 | 10 | B8A | P |
| 6CK6 | 741 231 800 0000 | 00 | 541 231 600 | | 6 | 5.5 | 250 | 250 | 36 | 10 | B9A | P |
| 6CL3 | 080 230 801 1000 | 00 | 060 230 601 | | 6.3 | | 16 | | 350 | | B9A | R |
| 6CL5 | 721 441 370 0000 | 80 | 521 441 350 | A1 | 6.3 | 40 | 150 | 150 | 80 | 6.3 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|----------------------|------------|------------------------------------|------------|-----|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6CL6 | 147 238 174 0000 | 00 | 145 236 154 | | 6 | 3 | 250 | 150 | 30 | 11 | B9A | P |
| 6CL8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | [0.8 | 150 | | 150 | 8 | B9A | TP |
| 6CM4 | 841 234 148 0000 | 00 | 641 234 146 | | 6 | 1.0 | 150 | 125 | 12 | 5.8 | B9A | T |
| 6CM6 | 704 234 108 0000 | 00 | 504 234 106 | | 6 | | 200 | | 12 | 14 | B9A | P |
| 6CM7 | 801 238 451 0000 | 00 | 701 236 441 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | TT |
| | | | | | | [7 | 200 | | 5 | 2 | | |
| | | | | | | 8 | 250 | | 20 | 4.4 | B9A | |
| 6CM8 | 851 238 714 0000 | 00 | 641 237 514 | | 6 | [2 | 250 | | 1.8 | 2 | B9A | TP |
| 6CN5 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | | 200 | 150 | 9.5 | 6.2 | A08 | P |
| 6CN6 | 120 740 310 0000 | 00 | 120 540 310 | | 6 | 18 | 350 | 250 | 66 | 5.2 | A08 | P |
| 6CN7 | X91 331 482 0000 | 00 | 981 331 462 | | 3 | 7 | 250 | 250 | 100 | 14.3 | B7G | DDT |
| 6CQ4 | 001 090 230 0000 | 00 | **1 080 230 | | 6.3 | 3 | 250 | | 1 | 1.2 | A08 | R |
| 6CQ6 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | | 2.5 | 250 | 200 | 8 | B7G | P |
| 6CQ8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [0.8 | 150 | | 15 | 8 | B9A | TP |
| 6CR4 | 414 484 234 0000 | 00 | 414 464 234 | | 6.3 | 1 | 150 | 125 | 12 | 5.8 | B9A | T |
| 6CR5 | 174 231 741 0000 | 80 | 154 231 541 | A1 | 6.3 | | 150 | | 16 | 6 | B9A | P |
| 6CR6 | 192 387 400 0000 | 00 | 182 365 400 | | 6 | 22.5 | 250 | 150 | 65 | 6 | B7G | DT |
| | | | | | | 2 | 250 | 100 | 9.5 | 2 | | |
| 6CR8 | 851 238 714 0000 | 00 | 641 237 514 | | 6 | [2 | 150 | | 12 | 4 | B9A | TP |
| 6CS5 | 714 234 108 0000 | 00 | 514 234 1*6 | | 6 | | 150 | 125 | 13 | 7.7 | B9A | P |
| 6CS6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 10 | 200 | 125 | 47 | 8 | B7G | H |
| 6CS7 | 805 238 411 0000 | 00 | 604 237 411 | | 6 | 1 | 100 | 30 | 1 | 1.1 | B9A | TT |
| 6CS8 | 841 238 714 0000 | 00 | 641 237 514 | | 6 | [8.5 | 250 | | 10.5 | 2.2 | B9A | TP |
| | | | | | | [10.6 | 250 | | 19 | 4.5 | | |
| | | | | | | 2 | 150 | | 12 | 4 | B9A | |
| | | | | | | [0.9 | 150 | 125 | 13 | 7.7 | | |
| 6CT3 | 080 238 001 0000 | 00 | 060 236 001 | | 6.3 | | 16 | | 350 | | B9A | R |
| 6CT7 | 289 174 130 0000 | 00 | 268 154 130 | | 6 | 2 | 250 | 100 | 5 | 1.8 | B8A | DP |
| 6CU5 | 142 347 800 0000 | 00 | 142 345 600 | | 6 | 8 | 125 | 100 | 50 | 7.5 | B8G | P |
| 6CU6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 22.5 | 250 | 150 | 57 | 5.5 | A08 | P |
| 6CU7 | [288 475 130 0000] | 00 | 276 454 130 | | 6 | [2 | 100 | | 5 | 2 | B8A | TH |
| | | | | | | 2 | 250 | 100 | 8 | 2 | | |
| 6CU8 | 187 231 548 0000 | 00 | 175 231 446 | | 6 | [6 | 200 | | 13 | 3.3 | B9A | TP |
| 6CV7 | 284 09X 130 0000 | 00 | 264 089 130 | | 6 | 2.2 | 200 | 150 | 9.5 | 6.2 | B8A | DDT |
| 6CW4 | 080 400 010 2030 | 00 | | | 6.3 | 3 | 250 | | 1 | 1.3 | NV5 | T |
| 6CW5 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6 | 1 | 100 | | 7.6 | 9.8 | B9A | P |
| 6CW7 | 148 235 118 0000 | 00 | 147 234 116 | | 6 | 12.5 | 200 | 175 | 70 | 10 | B9A | TT |
| | | | | | | 1.5 | 90 | | 12 | 6 | | |
| 6CX7 | 841 238 511 0000 | 00 | 641 237 411 | | 6 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| 6CX8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [1.5 | 150 | | 9 | 4.6 | B9A | TP |
| 6CY5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 200 | 125 | 24 | 10 | B7G | P |
| 6CY7 | 805 238 411 0000 | 00 | 714 236 411 | | 6 | 1 | 150 | 75 | 10 | 8 | B9A | TT |
| 6CZ5 | 704 234 108 0000 | 00 | 504 234 1*6 | | 6 | [3 | 250 | | 1.2 | 1.3 | B9A | P |
| | | | | | | [18.5 | 150 | | 30 | 5.4 | | |
| | | | | | | 14 | 250 | 250 | 46 | 4.8 | B9A | |
| 6D1 | 213 000 000 0000 | 90 | 123 000 000 | D1 | 6 | | | | | | B3G | D |
| 6D2 | 1X2.310 900 0000 | 00 | 192 310 800 | | 6 | | | | | | B7G | RR |
| 6D3 | 912 390 000 0000 | 00 | 812 380 000 | | 6 | | | | | | B7G | R |
| 6D4 | 402 310 000 0000 | 00 | 402 310 000 | | 6.3 | 110 | 18 | | 100 | | B7G | T |
| 6D5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 40 | 300 | | 31 | 2.1 | A08 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6D6 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | Sm7 | P |
| 6D7 | 287 101 300 0000 | 00 | 265 101 300 | | 6 | 3 | 250 | 100 | 2 | 12.2 | A08 | P |
| 6D8 | | | 027 546 310 | G1 | 6 | [3 | 150 | | 4.2 | | A08 | H |
| 6D10 | 281 181 506 8430 | 00 | | | 6.3 | 1.0 | 125 | | 4.2 | 4.2 | A12 | TTP |
| 6DA4 | 001 090 230 0000 | 00 | **1 080 230 | | 6 | | | | 120 | | A08 | R |
| 6DA6 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 2 | 250 | 100 | 9 | 3.6 | B9A | P |
| 6DA7 | 805 238 411 0000 | 00 | 604 237 411 | | 6 | [8 | 250 | | 9 | 2.6 | B9A | TT |
| 6DB5 | 714 234 108 0000 | 00 | 514 234 1*6 | | 6 | 17.5 | 150 | | 40 | 5.7 | B9A | P |
| 6DB6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 9.6 | 200 | 125 | 46 | 8 | B9A | P |
| 6DC6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 150 | 150 | 5.8 | 2 | B7G | P |
| 6DC8 | 741 238 8X1 0000 | 00 | 541 236 891 | | 6 | 2.2 | 200 | 150 | 9.5 | 5.5 | B7G | P |
| 6DDHV1 | 157 238 984 0000 | 00 | 145 237 864 | | 6 | 2 | 250 | | 90 | 1.6 | B9A | DDP |
| 6DE4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | [1 | 250 | 100 | 9 | 3.5 | B9A | DTP |
| 6DE6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | | | | 120 | | A08 | R |
| 6DE7 | 855 238 411 0000 | 00 | 744 236 411 | | 6 | 1.1 | 150 | 125 | 16 | 8 | B7G | P |
| 6DG6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | [17.5 | 150 | | 32 | 6.5 | B9A | TT |
| 6DG7 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 11 | 250 | | 5.5 | 2 | B9A | P |
| 6DJ8 | 841 238 511 0000 | 00 | 641 237 411 | | 6 | 7.5 | 200 | 125 | 47 | 8 | A08 | P |
| 6DK6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 20 | 250 | 100 | 11 | 4.4 | B9A | P |
| 6DL4 | 414 234 484 0000 | 00 | 414 234 464 | | 6 | 1.3 | 90 | | 15 | 12.5 | B9A | TT |
| 6DL5 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 0.9 | 150 | 125 | 12 | 9.8 | B7G | P |
| 6DM4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | | | | |
| 6DN3 | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | | 14 | | 350 | | A08 | R |
| 6DN6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 6 | 18 | 200 | 125 | 70 | 9 | B9A | R |
| 6DN7 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | | | | | | A08 | P |
| 6DQ4 | 001 090 230 0000 | 00 | 421 541 350 | A1 | 6.3 | 9.5 | 250 | | 34 | 7.4 | A08 | TT |
| 6DQ5 | 421 741 370 0000 | 80 | 020 540 310 | A1 | 6 | | | | 120 | | A08 | R |
| 6DQ6 | 020 740 310 0000 | 80 | 461 237 141 | | 6 | 17.5 | 150 | 100 | 10.5 | | A08 | P |
| 6DQ8 | 481 238 141 0000 | 00 | | | 6.3 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | P |
| 6DR4 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 6 | [1.7 | 200 | | 3 | 11 | B9A | TP |
| 6DR6 | 041 230 071 0000 | 00 | *41 23* *51 | | 6 | 2.1 | 200 | 175 | 18 | 6.5 | B9A | |
| 6DR7 | 855 238 411 0000 | 00 | 644 237 411 | | 6 | | | | | | | |
| 6DR8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 23 | 200 | 175 | 45 | 6.6 | B9A | D |
| 6DS4 | 080 400 010 2030 | 00 | | | 6 | [17.5 | 150 | | 35 | 6.5 | B9A | P |
| 6DS5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 3 | 250 | | 1.4 | 1.6 | B9A | TT |
| 6DS8 | 751 238 584 0000 | 00 | 541 237 564 | | 6 | | 12 | 12 | 45 | | B9A | DDP |
| 6DT5 | 704 230 108 0000 | 00 | 504 230 1*6 | | 6.3 | 0.9 | 100 | | 6.5 | 9 | NU5 | T |
| 6DT6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | | | | | | | |
| 6DT6A | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 8.5 | 250 | 200 | 29 | 5.8 | B7G | P |
| 6DT8 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | [12 | 12 | | 0.7 | 1.4 | B9A | TP |
| 6DV4 | 880 404 100 2030 | 00 | | | 6.3 | | | | 0.4 | 0.7 | B9A | P |
| 6DW4 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 6.3 | 16.5 | 250 | 250 | 38 | 6.5 | B9A | P |
| 6DW4B | 080 230 801 0000 | 00 | 060 230 601 | | 6.3 | 2.2 | 150 | 100 | 11 | 0.8 | B7G | P |
| 6DW5 | 704 234 108 0000 | 00 | 504 234 106 | | 6.3 | 5.2 | 150 | 100 | 1.55 | 1.35 | G7-1 | P |
| | | | | | 6.3 | | | | | | | |
| | | | | | 6.3 | 2.5 | 250 | | 10 | 5.5 | B9A | TT |
| | | | | | 6.3 | 1 | 75 | | 10.5 | 11.5 | NV7 | T |
| | | | | | 6.3 | | | | 180 | | B9D | R |
| | | | | | 6.3 | | 25 | | 350 | | | R |
| | | | | | 6.3 | 22.5 | 200 | 150 | 55 | 5.5 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|------------|-----|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6DX8 | 481 238 157 0000 | 00 | 461 237 145 | | 6.3 | [1.7 2 | 200 170 | | 3 18 | 4 10.4 | B9A | TP |
| 6DY7 | 041 230 807 0000 | 00 | 041 230 605 | | 6.3 | 12.5 | 250 | 150 | 50 | 6 | B9A | P |
| 6DZ4 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | 0.3 | 75 | | 15 | 6.7 | B7G | T |
| 6DZ7 | 428 718 310 0000 | 00 | 426 517 310 | | 6.3 | 7.3 | 250 | 250 | 48 | 11.3 | A08 | PP |
| 6DZ8 | 415 238 718 0000 | 00 | 414 237 516 | | 6 | [| 150 150 | | 0.8 125 | 1.4 45 | B9A | TP |
| 6E4 | 751 238 584 0000 | 00 | 541 237 464 | | 6.3 | 2.6 | 200 | | 5.4 | | B9A | TH |
| 6E5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 7.5 | 250 | 100 | 3.7 | | UX6 | TI |
| 6E6 | 285 148 300 0000 | 00 | 274 146 300 | | 6 | 27.5 | 250 | | 18 | 1.7 | UX7 | TT |
| 6E7 | 287 101 300 0000 | 40 | 265 101 300 | G1 | 6 | 2 | 250 | 100 | 8.2 | 1.6 | Sm7 | P |
| 6E8 | [020 748 310 0000 028 740 310 0000 | 50 50 | 027 546 310 | G1 | 6 | [4.8 2.3 | 150 250 | | 3.3 100 | 2.8 2.3 | A08 | TH |
| 6E102 | 802 310 470 0000 | 00 | 602 301 450 | | 6.3 | 7 | 250 | 250 | 72 | 15 | F8 | P |
| 6EA5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 250 | 150 | 10 | 8 | B7G | P |
| 6EA6 | 481 581 230 0000 | 00 | | | 6.3 | 25 | 200 | | 48 | 6.5 | A08 | TT |
| 6EA7 | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 25 | 200 | | 48 | 6.5 | A08 | TT |
| 6EA8 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [1 1 | 150 125 | | 18 125 | 8.5 6.4 | B9A | TP |
| 6EB5 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 7 | | B9G | DD |
| 6EB8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [2 2 | 250 200 | | 2 125 | 2.7 25 | B9A | TP |
| 6EF6 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 18 | 250 | 250 | 50 | 5 | A08 | P |
| 6EH5 | 142 347 800 0000 | 00 | 142 345 600 | | 6 | 3.2 | 100 | 125 | 42 | 14.6 | B7G | P |
| 6EH6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 7.4 | 4.6 | B7G | P |
| 6EH7 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| 6EH8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [1 1 | 150 150 | | 13 125 | 7.5 6 | B9A | TP |
| 6EJ7 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| 6EL7 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.8 | 200 | 175 | 10 | 8.8 | B9A | P |
| 6EM5 | 704 234 108 0000 | 00 | 504 234 106 | | 6 | 18 | 250 | 250 | 35 | 5.1 | B9A | P |
| 6EM7 | 581 481 230 0000 | 00 | 471 461 230 | | 6.3 | [3 20 | 250 150 | | 1.4 50 | 1.6 7.2 | A08 | TT |
| 6EQ7 | 141 237 890 0000 | 00 | 141 235 680 | | 6.3 | | 100 | 100 | 9 | 3.9 | B9A | DP |
| 6ER5 | 142 381 010 0000 | 00 | 142 361 *10 | | 6.3 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| 6ES5 | 142 380 100 0000 | 00 | 142 360 100 | | 6.3 | 1 | 200 | | 15 | 9.5 | B7G | P |
| 6ES6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 0.7 | 12 | 12 | | | B9A | P |
| 6ES8 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| 6ET6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 12 | 12 | 4.8 | 3 | B7G | P |
| 6ET7 | 19X 231 478 0000 | 00 | 189 231 456 | | 6.3 | | 200 | 150 | 25 | 11.5 | B9A | DDP |
| 6EU7 | 230 148 851 0000 | 00 | 230 146 741 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 6EU8 | 848 231 517 0000 | 00 | 746 231 415 | | 6 | [1 1 | 150 150 | | 18 100 | 8.5 6.4 | B9A | TP |
| 6EV5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 200 | 80 | 11.5 | 8.8 | B7G | P |
| 6EV6 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 2 | 250 | | 9.2 | 5.2 | B9A | TT |
| 6EV7 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 2.0 | 250 | | 9.2 | 5.2 | B9A | TT |
| 6EW6 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 0.8 | 150 | 125 | 11 | 14 | B7G | P |
| 6EW7 | 855 238 411 0000 | 00 | 744 236 411 | | 6.3 | [17.5 11 | 150 250 | | 45 5.5 | 7.5 2 | B9A | TT |
| 6EX4 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B9A | RR |
| 6EX6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 6.3 | | 200 | 150 | 67 | 7.7 | A08 | P |

| VALVE TYPE | VCM163 only | | VCMs Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|-----------------------------------|------------|-----|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6EY6 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 17.5 | 250 | 250 | 44 | 4.4 | A08 | P |
| 6EZ5 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 20 | 250 | 250 | 43 | 4.1 | B8A | P |
| 6EZ8 | 168 238 584 0000 | 00 | 141 237 464 | | 6.3 | 1 | 150 | | 4.2 | 4.2 | B9A | TTT |
| 6F1 | 281 714 130 0000 | 00 | 261 514 130 | | 6 | 1.8 | 200 | 200 | 10 | 9 | B8A | P |
| 6F5 | 020 800 310 0000 | 40 | 020 800 310 | G1 | 6 | 2 | 250 | | 0.9 | 1.5 | A08 | T |
| 6F6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | A08 | P |
| 6F7 | 287 841 300 0000 | 50 | 275 641 300 | G1 | 6 | [3 | 100 | | 3.5 | 0.5 | Sm7 | TP |
| | | | | | | 3 | 100 | 100 | 6.3 | 1 | | |
| 6F7B | | | 275 641 300 | G1 | 6 | [3 | 100 | | 3.5 | 0.5 | UX7 | TP |
| | | | | | | 3 | 100 | 100 | 6.3 | 1 | | |
| 6F7M | 023 878 410 0000 | 50 | 275 641 300 | G1 | 6 | [3 | 100 | | 3.5 | 0.5 | UX7 | TP |
| | | | | | | 3 | 100 | 100 | 6.3 | 1 | | |
| 6F8 | 028 158 310 0000 | 40 | 027 146 310 | G1 | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 6F10 | 021 417 380 0000 | 00 | 021 415 360 | | 6.3 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 6F11 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 1.8 | 250 | 100 | 4.4 | 2.2 | B8A | P |
| ξ 6F12 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2 | 250 | | 250 | 10 | B7G | P |
| | | | | | | 1.5 | 200 | 150 | 4 | 6.4 | | |
| 6F13 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 1.8 | 200 | 200 | 10 | 9 | B8A | P |
| 6F14 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 1.25 | 150 | 150 | 28 | 10.6 | B8A | P |
| 6F15 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2.5 | 250 | 100 | 7 | 2.3 | B8A | P |
| 6F16 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8A | P |
| 6F17 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 5 | 100 | 100 | 12.5 | 4.0 | B7G | P |
| 6F18 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 1.3 | 200 | 100 | 12 | 4.5 | B9A | P |
| 6F19 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 250 | 100 | 10 | 6 | B9A | P |
| 6F20 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 200 | 175 | 10 | 6 | B9A | P |
| 6F21 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 250 | 200 | 7.8 | 2.5 | B7G | P |
| 6F22 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 2 | 250 | 150 | 3 | 1.8 | B9A | P |
| 6F23 | 141 231 871 0000 | 00 | 141 230 650 | | 6.3 | 1.9 | 150 | 150 | 10 | 9.2 | B9A | P |
| 6F24 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.9 | 150 | 150 | 10 | 15 | B9A | P |
| 6F24 | 281 174 130 0000 | 00 | 261 154 130 | | 6.3 | 2.1 | 250 | 200 | 15 | 10.5 | B8B | P |
| 6F25 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.5 | 200 | 100 | 11.5 | 12.5 | B9A | P |
| 6F26 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 250 | 100 | 10 | 6 | B9A | P |
| 6F28 | 041 234 870 0000 | 00 | *41 234 650 | | 6.3 | 2.9 | 200 | 200 | 10 | 12.5 | B9A | P |
| 6F29 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| 6F30 | 141 230 871 0000 | 00 | 141 239 651 | | 6.3 | 2.5 | 200 | 200 | 10 | 15.4 | B9A | P |
| 6F31 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 250 | 100 | 11 | 4.2 | B7G | P |
| 6F32 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 200 | 125 | 8 | 4.6 | B7G | P |
| 6F32 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 6 | 4.5 | 200 | 200 | 5.1 | 3 | M08 | P |
| 6F32V | | | 412 365 000 | | 6.3 | 3 | 150 | 150 | 7 | 4.3 | B7G | P |
| 6F33 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 2 | 125 | 125 | 5.2 | 3.5 | B7G | P |
| 6F35 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 40 | 30 | 2.7 | 2.7 | B7G | P |
| 6F36 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 300 | 150 | 10 | 9 | B7G | P |
| 6F40 | 111 231 874 0000 | 00 | 111 231 654 | | 6.3 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| 6F41 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2.0 | 150 | 150 | 10 | 7.4 | B9A | P |
| 6F60 | 041 230 887 0000 | 00 | 041 230 665 | | 6.3 | 23 | 250 | 200 | 55 | 5 | B9A | P |
| 6F80 | 741 231 800 0000 | 00 | 541 231 600 | | 6.3 | | 200 | 200 | 36 | 10 | B9A | P |
| 6FA7 | | | 841 236 541 | | 6.3 | [0 | 100 | 100 | 2.2 | 1.9 | B9A | DPP |
| | | | | | | 0 | 100 | 100 | 3.8 | 3.2 | | |
| 6FC7 | 148 235 018 0000 | 00 | 146 234 017 | | 6.3 | 1.2 | 90 | | 15 | 12 | B9A | TT |
| 6FD6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 12 | 12 | | 1.4 | B7G | P |
| 6FD7 | 855 238 411 0000 | 00 | 644 237 411 | | 6.3 | [17.5 | 150 | | 45 | 7.5 | B9A | TT |
| | | | | | | | 250 | | 6 | 1.6 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|--------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6FD12 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6.3 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| 6FE5 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 12.5 | 100 | 100 | 94 | 9.5 | A08 | P |
| 6FG5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 0.2 | 250 | 250 | 9 | 9.5 | B7G | P |
| 6FG6 | 401 237 805 0000 | 00 | 401 235 607 | | 6.0 | 22 | 250 | 250 | 0.5 | †0.5 | B9A | TI |
| 6FG7 | 481 238 715 0000 | 00 | 461 237 514 | | 6.3 | [1 | 125 | | 13 | 7.5 | B9A | TP |
| 6FH5 | 142 380 100 0000 | 00 | 142 365 100 | | 6.3 | 1 | 150 | | 11 | 9 | B7G | T |
| 6FH6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 22.5 | 250 | 150 | 75 | 6 | A08 | P |
| 6FJ7 | 204 080 101 5830 | 00 | 204 060 101 | | 6.3 | [8 | 250 | | 8 | 2.5 | A12 | TT |
| 6FJ8 | 210 741 390 0000 | 80 | 210 541 380 | A1 | 6.3 | 9.5 | 250 | | 41 | 7.7 | | |
| | | | | | | 22.5 | 250 | 150 | 75 | 6.6 | A08 | DP |
| 6FLD12 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| 6FM7 | 205 080 151 4830 | 00 | 204 060 141 | | 6.3 | [3 | 250 | | 2 | 2.2 | A12 | TT |
| 6FM8 | 191 23X 148 0000 | 00 | 181 239 146 | | 6.3 | 25 | 175 | | 40 | 6 | | |
| 6FN5 | 721 441 370 0000 | 00 | 521 441 350 | | 6.3 | 3 | 250 | | 1 | 1.2 | B9A | DDT |
| | | | | | | 22.5 | 200 | 150 | 100 | 10 | B8A | P |
| 6FQ5 | 142 380 100 0000 | 00 | 142 360 100 | | 6.3 | 1.2 | 150 | | 11 | 11 | B7G | T |
| 6FQ7 | 841 238 510 0000 | 00 | 741 236 410 | | 6.3 | 8 | 250 | | 9 | 2.6 | B9A | TT |
| 6FR7 | 855 238 411 0000 | 00 | 644 237 411 | | 6.3 | [3 | 250 | | 1.4 | 6.8 | B9A | TT |
| 6FS5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 20 | 150 | | 50 | 5.4 | | |
| 6FV6 | 402 387 100 0000 | 00 | 402 365 100 | | 6.3 | 0.2 | 300 | 150 | 9 | 10 | B7G | P |
| | | | | | | 1 | 150 | 75 | 10 | 8 | B9A | P |
| 6FV8 | 481 238 715 0000 | 00 | 461 237 514 | | 6 | [1 | 150 | | 14 | 8 | B9A | TP |
| 6FW5 | 421 080 370 0000 | 00 | 421 060 350 | | 6.3 | 1 | 150 | 125 | 12 | 6.5 | | |
| 6FW8 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 22.5 | 250 | 150 | 65 | 7.3 | A08 | P |
| 6FX4 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | 1.2 | 100 | | 15 | 13 | B9A | TT |
| 6FY5 | 142 380 100 0000 | 00 | 142 360 100 | | 6.3 | | | | 30 | | B7G | RR |
| | | | | | | 1 | 150 | | 11 | 13 | B9A | T |
| 6FY7 | 205 080 101 4830 | 00 | 205 080 101 | | 6.3 | [3 | 250 | | 1.4 | 1.6 | A12 | TT |
| | | | | | | 17.5 | 150 | | 35 | 6.5 | | |
| 6FY8 | 415 238 718 0000 | 00 | 414 237 516 | | 6 | [1.5 | 125 | | 2.5 | 2 | B9A | TP |
| | | | | | | 13.5 | 125 | 125 | 50 | 7 | | |
| 6G5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 22 | 250 | 250 | 0.2 | †1.0 | UX6 | TI |
| 6G6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 9 | 200 | 175 | 15 | 2.3 | A08 | P |
| 6G7 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 6 | 3 | 250 | 125 | 10 | 1.3 | A08 | DDP |
| 6G8 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 6 | 3 | 250 | 125 | 9 | 1.1 | A08 | DDP |
| 6G11 | 215 108 741 7830 | 00 | | | 6.3 | [8 | 125 | 100 | 49 | 7.5 | A12 | PP |
| | | | | | | 1.8 | 150 | 100 | 1.3 | 1.0 | | |
| 6GA4 | 028 040 310 0000 | 00 | 026 040 310 | | 6.3 | 18.5 | 250 | | 50 | 7 | A08 | T |
| 6GA7 | 277 410 810 0930 | 00 | | | 6.3 | [22.5 | 250 | 150 | 75 | 6.6 | A12 | RP |
| 6GA8 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | | 250 | | 8 | | B9A | TT |
| 6GA8 | 428 040 310 0000 | 00 | 426 040 310 | | 6.3 | 18.5 | 250 | | 50 | 7 | A08 | T |
| 6GB3 | 030 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 7.7 | 100 | 100 | 100 | 14 | A08 | P |
| 6GB5 | | | 441 235 51* | A1 | 6.3 | 20 | 150 | 150 | 70 | 10 | B9A | P |
| 6GB6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 22.5 | 250 | 150 | 6.5 | 6 | A08 | P |
| 6GB7 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 7.7 | 100 | 100 | 100 | 14 | A08 | P |
| 6GB9 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | P |
| 6GC5 | 714 234 178 0000 | 00 | 514 234 156 | | 6.3 | 7.5 | 100 | 100 | 50 | 8 | B9D | P |
| 6GC6 | 021 740 370 0000 | 80 | 021 540 350 | A1 | 6.3 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | P |
| 6GD7 | 481 238 715 0000 | 00 | 481 238 715 | | 6.3 | [1 | 125 | | 15 | 10 | B9A | TP |
| | | | | | | 1 | 175 | 150 | 10 | 12 | | |
| 6GE5 | 274 100 800 1430 | 00 | | | 6.3 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 6GE7 | 028 47X 310 0000 | 00 | 026 457 310 | A | 6.3 | 5 | 250 | 250 | | | A08 | |
| 6GE8 | 714 238 158 0000 | 00 | 514 236 147 | | 6.3 | [21 | 150 | | 35 | 5 | B9A | TP |
| | | | | | | 2 | 150 | 150 | 5.5 | 3.2 | | |
| 6GF5 | 274 100 800 1430 | 00 | | | 6.3 | 26.5 | 250 | 150 | 34 | 4.7 | A12 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|---------------|------------|-----------|--------------|-------------------------|------------|---------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6GF7 | 151 238 084 0000 | 00 | 141 237 064 | | 6.3 | [3 20 | 250 150 | | 1.4 50 | 1.6 7.2 | B9D | TT |
| 6GF7A | 141 23X 095 0000 | 80 | 141 239 084 | A | 6.3 | [3 20 | 250 150 | 1.4 50 | | | B9D | TT |
| 6GG6 | 902 300 1X0 0000 | 00 | 802 300 190 | | 6 | | | | 30 | | F8 | RR |
| 6GH8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [1 1 | 150 150 | 125 | 13.5 12 | 8.5 7.5 | B9A | TP |
| 6GH8A | [800 230 014 0000 047 238 100 0000 | 00 00 | 600 230 014 045 236 100 | | 6.3 | [1 1 | 125 125 | 125 | 13.5 12.0 | 8.5 7.5 | B9A | TP |
| 6GJ5 | 741 234 700 0000 | 80 | 541 234 5** | A1 | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | | |
| 6GJ5A | 741 234 700 0000 | 80 | 541 234 500 | A | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | B9A | P |
| 6GJ7 | 151 238 784 0000 | 00 | 141 236 574 | | 6.3 | [1.2 1 | 200 150 | 200 | 14 10 | 3.7 11 | B9A | TP |
| 6GJ8 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [1 1 | 150 125 | 125 | 13.5 12 | 8.5 7.5 | B9A | TP |
| 6GK5 | 142 380 100 0000 | 00 | 142 360 100 | | 6.3 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 6GK6 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| 6GK17 | 001 090 230 0000 | 00 | 001 080 230 | | 6.3 | | | | 120 | | A08 | R |
| 6GL7 | [481 000 230 0000 000 481 230 0000] | 00 | 461 000 230 000 461 230 | | 6.3 | [3 25 | 250 175 | | 2.0 46 | 2.2 6.4 | B8B | TT |
| 6GM5 | 700 234 108 0000 | 00 | 500 234 106 | | 6.3 | 10 | 300 | 300 | 60 | 10.2 | B9A | P |
| 6GM6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 56 | 150 | 25 | 14 | 13 | B7G | P |
| 6GM8 | | | 641 237 410 | | 6.3 | 0.3 | 12 | | 2.4 | 4.6 | B9A | TT |
| 6GN6 | 412 387 900 0000 | 00 | 412 365 800 | | 6.3 | 68 | 250 | 100 | 11 | 4.4 | B7G | DP |
| 6GN8 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | [2 3 | 250 200 | | 2 150 | 2.7 11.5 | B9A | TP |
| 6GQ7 | 1Y0 23X 191 0000 | 00 | 1†* 239 181 | | 6.3 | | | | 5 | | B9A | DDD |
| 6GS8 | [170 231 481 0000 178 231 501 0000 | 00 00 | 156 231 471 | | 6.3 | | 100 | 75 | 2 | 1.2 | B9A | PP |
| 6GT5 | 741 234 708 0000 | 00 | 541 234 5*6 | | 6.3 | 42 | 250 | 150 | 70 | 7.1 | B9D | P |
| 6GT5A | 741 234 708 0000 | 00 | 541 234 506 | | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | B9A | TP |
| 6GU5 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | [0.4 10.5 | 150 250 | 150 | 9 11.5 | 15 3.1 | B7G B9A | P TT |
| 6GU7 | 851 238 410 0000 | 00 | | | 6.3 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 6GV5 | 207 140 704 173 | 80 | | | 6.3 | | 100 | | 14 | 5.5 | | |
| 6GV7 | 878 231 514 0000 | 00 | 657 231 414 | | 6.3 | [1.5 0.6 | 150 100 | 150 | 11 5 | 11 6.5 | B9A | TP |
| 6GV8 | 841 238 715 0000 | 00 | 641 237 514 | | 6.3 | [15 15 | 100 200 | 175 | 41 | 7.5 | B9A | TP |
| 6GW5 | 842 314 100 0000 | 00 | 642 314 100 | | 6.3 | 1 | 150 | | 13 | 15 | B7G | T |
| 6GW6 | 020.740 310 0000 | 80 | | | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | A08 | P |
| 6GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 6.3 | [1.7 7 | 250 250 | | 1.2 36 | 1.6 10 | B9A | TP |
| 6GX6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 150 | 100 | 3.7 | 3.7 | G7G | P |
| 6GX7 | 151 238 784 0000 | 00 | | | 1 | 125 | 125 | 8 | 11 | | B9A | TP |
| 6GY5 | 207 140 704 1730 | 80 | | | 6.3 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6H1 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 1.8 | 250 | 100 | | 2.1 | B7G | H |
| 6H4 | 020 900 310 0000 | 00 | 020 800 310 | | 6 | | | | | | A08 | D |
| 6H5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 22 | 250 | 250 | 0.2 | †1.0 | UX6 | TI |
| 6H6 | 02X 190 310 0000 | 00 | 029 180 310 | | 6 | | | | | | A08 | DD |
| 6H7C | 028 458 310 0000 | 00 | 026 447 310 | | 6.3 | 5 | 250 | | 3 | 1.6 | A08 | TT |
| 6H7G | 128 458 310 0000 | 00 | 126 447 310 | | 6.3 | | 300 | | 35 | 3.2 | A08 | TT |
| 6H8C | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 8 | 250 | | 9 | 3 | A08 | TT |
| 6H8G | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 6 | 2 | 250 | 125 | 8.5 | 2.4 | A08 | DDP |
| 6H8MG | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 6 | 2 | 250 | 125 | 6 | 1.8 | A08 | DDP |
| 6H9C | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 2 | 250 | | 2.2 | 1.6 | A08 | TT |
| 6H10C | 084 581 230 0000 | 00 | 064 471 230 | | 6.3 | 2 | 250 | | 2 | 1.3 | A08 | TT |
| 6H13C | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 30 | 90 | | 80 | 5 | A08 | TT |
| 6H31 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 250 | 100 | 3 | | B7G | H |
| 6HA5 | 412 380 100 0000 | 00 | 412 360 100 | | 6.3 | 1 | 150 | | 11.5 | 14.5 | B7G | T |
| 6HB5 | 274 100 800 1430 | 00 | 254 100 600 | | 6.3 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 6HB6 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 33 | 250 | 125 | 40 | 24 | B9A | P |
| 6HB7 | 151 238 784 0000 | 00 | 141 236 574 | | 6.3 | [1 | 150 | | 18 | 8.5 | B9A | TP |
| | | | | | | [1 | 125 | 125 | 12 | 6.4 | | |
| 6HC8 | 415 238 718 0000 | 00 | 414 237 516 | | 6.3 | [3 | 250 | | 1.4 | 2 | B9A | TP |
| | | | | | | [18 | 250 | 250 | 38 | 5.1 | | |
| 6HD5 | 207 140 804 1730 | 00 | | | 6.3 | 22 | 150 | 150 | 65 | 10 | A12 | P |
| 6HE5 | 243 108 004 7130 | 00 | | | 6.3 | 20 | 250 | 250 | 43 | 4.1 | A12 | P |
| 6HE7 | 290 180 014 0730 | 00 | | | 6.3 | [22 | 125 | 125 | 60 | 8.8 | A12 | RP |
| | | | | | | [28 | 175 | 175 | 100 | 11 | | |
| 6HF5 | 207 147 074 1730 | 80 | | | 6.3 | | 200 | | 4 | 4 | B9A | TP |
| | | | 146 231 457 | | 6.3 | [2 | 200 | 125 | 25 | 12.5 | | |
| 6HG8 | 151 234 887 0000 | 00 | 141 234 675 | | 6.3 | [3 | 100 | | 14 | 6 | B9A | TP |
| | | | | | | [1.2 | 200 | 150 | 10 | 12 | | |
| 6HJ8 | 147 238 191 0000 | 00 | 145 236 181 | | 6.3 | 6 | 150 | 125 | 11.5 | 9.3 | B9A | DP |
| 6HK5 | 412 380 100 0000 | 00 | | | 6.3 | | 150 | | 12.5 | 15 | B7G | T |
| 6HK8 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1 | 90 | | 8.5 | 8 | B9A | TT |
| 6HL8 | 857 238 114 0000 | 00 | | | 6.3 | [1 | 125 | | 12.5 | 7 | B9A | TP |
| | | | | | | [1 | 125 | 125 | 12 | 10 | | |
| 6HM5 | 412 380 100 0000 | 00 | 412 360 100 | | 6.3 | 1.2 | 150 | | 12.5 | 14.5 | B7G | T |
| 6HM6 | 141 230 871 0000 | 00 | | | 6.3 | 3.9 | 125 | 125 | 13 | 15 | B9A | P |
| 6HQ5 | 412 381 100 0000 | 00 | 412 361 100 | | 6.3 | 1 | 150 | | 11.5 | 15 | B7G | T |
| 6HR6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.2 | 200 | 100 | 13.2 | 8.5 | B7G | P |
| 6HS6 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 0.8 | 150 | 75 | 8.8 | 9.5 | B7G | P |
| 6HS8 | [178 231 401 0000 | 00 | 157 231 461 | | 6.3 | | 100 | 75 | 2 | 0.4 | B9A | PP |
| | 170 231 581 0000 | 00 | | | | | | | | | | |
| 6HU8 | 748 235 187 0000 | 00 | 546 234 175 | | 6.3 | 9 | 250 | 250 | 24 | 6 | B9A | PP |
| 6HW8 | 187 234 181 0000 | 00 | 165 234 161 | | 6.3 | 3.5 | 250 | 250 | 13 | 4 | B9A | P |
| 6HZ6 | 412 387 100 0000 | 00 | 412 387 100 | | 6.3 | 1.1 | 150 | 100 | 3.2 | 3.4 | B7G | P |
| 6HZ8 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | [2 | 200 | | 3.5 | 4 | B9A | TP |
| | | | | | | [2 | 250 | 175 | 29 | 12.6 | | |
| 6J4 | 412 344 800 0000 | 00 | 412 344 600 | | 6 | 1.5 | 150 | | 15 | 12 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6J5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | T |
| 6J6 | 882 345 100 0000 | 00 | 762 344 100 | | 6 | 3 | 150 | | 5 | 4.5 | B7G | TT |
| 6J7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 0.8 | 100 | | 8.5 | 5.3 | | |
| 6J8 | 020 048 310 0000 | 50 | 027 546 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| 6J8 | 028 740 310 0000 | 50 | | | 6.3 | 3 | 100 | | 3 | 1.6 | A08 | TH |
| 6J9 | 861 238 485 0000 | 00 | | | 6.3 | 3 | 100 | 100 | 1.3 | 1.2 | | |
| 6J10 | 271 807 518 0430 | 00 | | | 6.3 | 1 | 125 | | 6 | 5.2 | A10 | TTT |
| 6J11 | 278 041 718 0530 | 00 | | | 6.3 | 8 | 100 | 100 | | | A12 | PP |
| | | | | | 6.3 | 0.8 | 250 | 250 | 35 | 6.5 | A12 | PP |
| | | | | | 6.3 | | 125 | 125 | 11 | 13 | | |
| 6JA8 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | 2 | 150 | | 1 | 1.5 | B9A | TP |
| | | | | | 6.3 | 1.5 | 150 | 150 | 18 | 13 | | |
| 6JB6 | 741 234 710 0000 | 80 | 541 234 51* | A1 | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 6JB8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TP |
| | | | | | 6 | 3 | 250 | 100 | 3 | 1.6 | | |
| 6JC8 | 157 238 148 0000 | 00 | 145 237 146 | | 6.3 | 1 | 150 | | 12 | 6.5 | B9A | TP |
| 6JD5 | 247 100 800 7430 | 00 | | | 6.3 | 1 | 150 | 125 | 9 | 5.5 | | |
| 6JD6 | 141 230 878 0000 | 00 | 141 230 656 | | 6.3 | 10 | 125 | 125 | 1.0 | 55 | A12 | T |
| | | | | | 6.3 | 0 | 125 | 125 | 15 | 14 | B9A | P |
| 6JE6 | 741 234 710 0000 | 80 | 541 234 51* | A1 | 6.3 | | 150 | 100 | 100 | 10 | B9D | P |
| 6JE8 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | 2 | 200 | | 4.5 | 4.2 | B9A | TP |
| | | | | | 6.3 | | 200 | 175 | 22 | 12 | | |
| 6JF6 | 741 235 760 0000 | 80 | 541 234 550 | A | 6.3 | 20 | 130 | 125 | 80 | 10 | B9D | P |
| 6JF8 | 210 741 390 0000 | 80 | 210 541 380 | A1 | 6.3 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | DP |
| 6JG6 | 741 231 708 0000 | 00 | 541 231 5*6 | | 6.3 | | 150 | 100 | 80 | 10 | B9D | P |
| 6JG6A | 741 231 708 0000 | 00 | 541 231 506 | A | 6.3 | 26 | 125 | | | | B9A | P |
| | | | | | 6.3 | 0 | 50 | 125 | 525 | | | |
| 6JH6 | 412 387 100 0000 | 00 | 412 387 100 | | 6.3 | 20 | 130 | 125 | 80 | 10.0 | B7G | P |
| 6JH8 | 117 324 188 0000 | 00 | 115 324 166 | | 6.3 | 1 | 125 | 125 | 14 | 8 | | |
| 6JK6 | 412 387 100 0000 | 00 | | | 6.3 | | 250 | 250 | 14 | 4.4 | B9A | P |
| 6JK8 | 841 238 510 0000 | 00 | 741 236 410 | | 6.3 | 0.9 | 125 | 125 | 11.5 | 18 | B7G | P |
| | | | | | 6.3 | 1 | 100 | | 5.3 | 6.8 | B9A | TT |
| | | | | | 6.3 | 1.2 | 150 | | 10 | 13 | | |
| 6JL6 | 412 387 100 0000 | 00 | | | 6.3 | 0.9 | 125 | 60 | 12.5 | 15.5 | B7G | P |
| 6JM6 | 217 140 000 1030 | 80 | | | 6.3 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 6JN6 | 217 100 800 1430 | 00 | | | 6.3 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 6JN8 | 481 238 715 0000 | 00 | | | 6.3 | 1 | 125 | | 12 | 7.5 | B9A | TP |
| | | | | | 6.3 | 1 | 125 | 125 | 13.5 | 8.5 | | |
| 6JQ6 | 807 231 400 4000 | 00 | 605 231 100 | | 6.3 | 18 | 140 | 140 | 25 | 4.2 | B9A | P |
| 6JR6 | 741 236 708 0000 | 00 | 541 234 506 | | 6.3 | 20 | 50 | 125 | 45 | 7.0 | B9A | P |
| 6JS6 | 217 140 000 1730 | 00 | | | 6.3 | 27 | 175 | 125 | 100 | 11 | A12 | P |
| 6JS6A | 217 040 000 0730 | 80 | | | 6.3 | 25 | 175 | 125 | 125 | 11.3 | A12 | P |
| 6JT6 | | | 541 231 5*6 | | 6.3 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 6JT6A | 741 231 708 0000 | 00 | 541 231 506 | | 6.3 | 22.5 | 150 | 150 | | | B9A | P |
| | | | | | 6.3 | 0 | 60 | 150 | 390 | 7.1 | | |
| | | | | | 6.3 | 22.5 | 250 | 150 | 70 | | | |
| 6JT8 | 148 231 578 0000 | 00 | | | 6.3 | 2 | 250 | | 1.5 | 2.7 | B9A | TP |
| | | | | | 6.3 | 1.6 | 200 | 100 | 17 | 20 | | |
| 6JU8 | Z11 230 X11 0000 | 00 | | | 6.3 | | | | 5 | | B9A | DDDD |
| 6JU8A | ZY1 230 X91 0000 | 00 | | | 6.3 | | | | 5 | | | |
| 6JV8 | 810 230 000 0000 | 00 | 610 230 0000 | | 6.3 | | 10 | | 60 | | B9A | DDDD |
| 6JZ6 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | 2 | 200 | | 4 | 4 | B9A | TP |
| | | | | | 6.3 | 2.9 | 200 | 200 | 22 | 11.5 | | |
| 6JZ8 | 217 040 000 0030 | 80 | 040 000 003 | | 6.3 | 20 | 125 | 125 | 46 | 9 | A12 | P |
| | | | | | 6.3 | 5 | 150 | | 5.5 | 23. | A12 | TP |
| | | | | | 6.3 | 8 | 125 | 100 | 46 | 7.1 | | |
| 6K1P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.5 | 250 | 100 | 6.5 | 2.0 | B7G | DD |
| 6K4P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.0 | 250 | 100 | 11 | 4.4 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|----------------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6K5 | 028 000 310 0000 | 40 | 026 000 310 | G1 | 6 | 3 | 250 | | 1.1 | 1.4 | A08 | T |
| 6K6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 18 | 250 | 250 | 32 | 2.3 | A08 | P |
| 6K7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | | 250 | 100 | 10.5 | 1.5 | A08 | P |
| 6K8 | 020 048 310 0000 | 50 | 027 546 310 | G1 | 6 | [1 3] | 100 | | 8 | 2.5 | A08 | TH |
| | 028 750 310 0000 | 50 | | | | | 250 | 100 | 4 | 1.2 | | |
| 6K11 | 281 181 504 8630 | 00 | | | 6.3 | [8.5 2.5] | 250 | | 10.5 | 2.2 | A12 | TTT |
| 6K25 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | | 250 | | 1.2 | 1.6 | | |
| | | | | | | | 100 | | 30 | 2k | A08 | TH |
| 6KA8 | 841 235 178 0000 | 00 | 141 237 564 | | 6.3 | [3 10] | 250 | | 1.4 | 1.6 | B9D | TP |
| 6KD5 | 217 040 004 0730 | 80 | 215 040 004 | | 6.3 | 22.5 | 150 | 100 | 39 | 8.4 | | |
| 6KD6 | 217 040 004 0730 | 80 | | | 6.3 | 22.5 | 150 | 110 | 120 | 14 | A12 | P |
| 6KD8 | 857 238 114 0000 | 00 | | | 6.3 | [1 1] | 125 | | 13.5 | 7.5 | B9A | TP |
| | | | | | | | 125 | 100 | 9 | 5 | | |
| 6KE8 | 857 238 114 0000 | 00 | | | 6.3 | [1 0.4] | 125 | | 13 | 8 | B9A | TP |
| | | | | | | | 125 | 125 | 10 | 10 | | |
| 6KF8 | 170 231 481 0000 | 00 | | | 6.3 | 1 | 150 | 150 | 4 | 1 | B9A | PP |
| | 178 231 501 0000 | 00 | | | | | | | | | | |
| 6KH2P | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5.0 | | B7G | RR |
| 6KM8 | 889 231 478 0000 | 00 | 668 231 456 | | 6.3 | | 100 | 100 | 4.2 | 3.4 | B9A | DP |
| 6KN6 | 217 140 000 1030 | 00 | | | 6.3 | 20 | 125 | 125 | 100 | 16 | A12 | P |
| 6KR8 | 148 231 578 0000 | 00 | 146 231 457 | | 6.3 | [1 2] | 100 | | 15 | 10.4 | B9A | TP |
| | | | | | | | 200 | 100 | 19.5 | 20 | | |
| 6KT8 | 148 321 578 0000 | 00 | | | 6.3 | [2 1] | 250 | | 1.8 | 3.2 | B9A | TP |
| | | | | | | | 125 | 125 | 12 | 10 | | |
| 6KU8 | 1X9 231 478 0000 | 00 | | | 6.3 | 1.6 | 200 | 100 | 17 | 20 | B9A | DDP |
| | | | | | | | | | | | | |
| 6KV8 | 148 231 578 0000 | 00 | | | 6.3 | [1.8 1.6] | 200 | | 4 | 4 | B9A | TP |
| | | | | | | | 200 | 125 | 20 | 23 | | |
| 6KY8 | 151 238 784 0000 | 00 | | | 6.3 | [3 10] | 250 | | 1.4 | 1.6 | B9D | TP |
| | | | | | | | 150 | 100 | 39 | 8.4 | | |
| 6KZ8 | 851 238 715 0000 | 00 | 641 237 514 | | 6.3 | [1.0 1.0] | 150 | | 13.5 | 8.5 | B9A | TP |
| | | | | | | | 150 | 150 | 12 | 7.5 | | |
| 6L1 | 285 184 130 0000 | 00 | 274 164 130 | | 6 | 8.6 | 200 | | 10 | 2.8 | B8A | TT |
| 6L5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 9 | 250 | | 8 | 1.9 | A08 | T |
| 6L6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| 6L7 | 028 740 310 0000 | 40 | 026 540 310 | G1 | 6 | 3 | 250 | 100 | 6.3 | 1.1 | A08 | H |
| 6L10 | 120 417 380 0000 | 00 | 120 415 360 | | 6.3 | 3 | 300 | 150 | 30 | 11 | B8A | P |
| 6L12 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2.3 | 250 | | 10 | 5.9 | B9A | TT |
| 6L13 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 6L15 | 158 234 118 0000 | 00 | 147 234 116 | | 6.3 | 1.2 | 90 | | 15 | 9 | B9A | TT |
| 6L16 | 148 235 108 0000 | 00 | 146 234 107 | | 6.3 | 1.5 | 90 | | 12 | 6.2 | B9A | TT |
| 6L18 | 280 084 130 0000 | 00 | 260 064 130 | | 6 | 13.3 | 250 | | 12 | 5.5 | B8A | T |
| 6L19 | 285 184 130 0000 | 00 | 274 164 130 | | 6 | 1.8 | 200 | | 5 | 3.1 | B8A | TT |
| 6L31 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| 6L34 | 412 314 800 0000 | 00 | 412 314 600 | | 6 | 1.5 | 250 | | 10 | 9 | B7G | T |
| 6L41 | 801 237 144 0000 | 00 | 602 235 144 | | 6.3 | 17.2 | 250 | 250 | 45 | 7 | B9A | P |
| 6L43 | 147 238 174 0000 | 00 | 145 236 154 | | 6.3 | 3 | 300 | 150 | 30 | 11 | B9A | P |
| 6L50 | 214 471 130 0000 | 80 | 214 451 130 | A1 | 6.3 | 12.6 | 200 | 250 | 70 | 5 | B9A | P |
| 6L50V | 217 447 113 0000 | 80 | 215 445 113 | A1 | 6.3 | 25 | 400 | 250 | 30 | 3.5 | B9A | P |
| 6LB6 | 217 540 000 5730 | 80 | | | 6.3 | [20 0.9] | 150 | 110 | 105 | 13.4 | A12 | P |
| | | | | | | | 125 | | 13 | 5 | | |
| 6LB8 | 148 231 578 0000 | 00 | | | 6.3 | [1.6 1.6] | 200 | 100 | 17 | 20 | B9A | TP |
| | | | | | | | | | | | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|----------------------|-------------------|----------|-------------------|-------------------------|------|-----------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6LC8 | 841 235 178 0000 | 00 | | | 6.3 | [2 1.2 | 200 150 | | 4 4 | 4 4.4 | B9A | TP |
| 6LD3 | 284 0X9 130 0000 | 00 | 264 098 130 | | 6 | 1.9 | 250 | | 0.85 | 1.95 | B8A | DDT |
| 6LD12 | YX1 239 148 0000 | 00 | 191 238 146 | | 6.3 | 1.0 | 100 | | 0.8 | 1.45 | B9A | DDDT |
| 6LD13 | 841 239 0X0 0000 | 00 | 641 238 09* | | 6 | 1.9 | 250 | | 0.85 | 1.2 | B9A | DDT |
| 6LD20 | 284 0X9 130 0000 | 00 | 264 098 130 | | 6 | 5.9 | 250 | | 5 | 2.3 | B8A | DDT |
| 6LE8 | [811 230 174 0000 011 238 174 0000 | [00 00 | 611 230 154 | | 6.3 | 2.5 | 100 | 100 | 8 | 5.8 | B9A | PP |
| 6LF8 | 148 231 578 0000 | 00 | 146 231 456 | | 6.3 | [2 2.5 | 200 100 | | 4 20 | 4 11 | B9A | TP |
| 6LFD12 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 2 | 150 | 100 | 9 | 3.8 | B9A | DDP |
| 6LJ8 | 481 238 715 0000 | 00 | | | 6.3 | [0.7 0.5 | 125 125 | | 13 12 | 8 13 | B9A | TP |
| 6LM8 | [800 230 014 0000 047 238 100 0000 | [00 00 | 600 230 140 045 230 610 | | 6.3 | 0 | [330 350 | 330 | 13.5 12 | 8.5 6.0 | B9A | T |
| 6LQ8 | [148 230 000 0000 000 231 478 0000 | [00 00 | 146 230 000 000 231 456 | | 6.9 | 0 | [125 200 | 125 | 15 20 | 3.1 3.5 | B9A | PT |
| 6LR6 | 217 140 000 173 | 80 | | | 6.3 | 0 | 60 | 220 | 740 | 16 | | TP |
| 6LR8 | 151 238 784 0000 | 00 | 141 236 564 | | 6.3 | [4 10 | 250 150 | | 2.3 125 | 3.6 56 | B9A | TP |
| 6LU8 | 280 805 571 4130 | 00 | | | 6.3 | [4 10 | 250 150 | | 2.3 125 | 3.6 9.3 | A12 | TP |
| 6LY8 | [148 230 000 0000 000 231 478 0000 | [00 00 | 146 230 000 146 230 000 | | 6.3 | 2.0 | [19.5 1.0 | 100 0 | 19.5 1 | 20 1.7 | B9A | P |
| 6M1 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22.5 | 250 | 250 | 0.2 | †1.0 | A08 | TI |
| 6M2 | 027 478 310 0000 | 00 | *25 456 310 | | 6.3 | [4 2 | 250 250 | | 0.12 0.25 | †0.2 †0.1 | A08 | TI |
| 6M3 | 029 000 030 0000 | 00 | *28 0*0 *30 | | 6 | | | | | | A08 | R |
| 6M5 | 741 230 800 0000 | 00 | 541 230 600 | | 6 | 7 | 250 | 250 | 36 | 10 | B9A | P |
| 6M6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | 250 | 36 | 9.5 | A08 | P |
| 6M7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2.5 | 250 | 125 | 10.5 | 3.4 | A08 | P |
| 6M8 | 138 748 290 0000 | 50 | 137 546 280 | G1 | 6 | [1 3 | 100 100 | | 0.5 8.5 | 1.1 1.9 | A08 | DTP |
| 6M11 | 267 158 841 0830 | 00 | 2*5 146 641 | | 6.3 | [2 0.8 | 250 150 | | 10 11 | 5.5 14 | A12 | TTP |
| 6M40 | 410 230 807 0000 | 00 | | | 6.3 | 20 | 250 | | 0.5 | †1.0 | B9A | TI |
| 6MB8 | 481 237 516 0000 | 00 | 410 230 605 461 230 000 | | 6.3 | 0 | [125 125 | | 13 125 | 8.0 12 | B9A | T |
| 6MD3 | 901 390 100 0000 | 00 | 200 236 514 | | 6.3 | | | 125 | 10 | | B7G | R |
| 6MD4 | 102 310 900 0000 | 00 | 802 380 100 | | 6.3 | | | | 10 | | B7G | D |
| 6MD8 | YX9 234 156 0000 | 00 | 102 310 800 996 234 144 | | 6.3 | 10.5 | 250 | | 11.5 | 3.1 | | TTT |
| 6ME8 | XY7234 168 0000 | 00 | 895 234 167 | | 6.3 | 16 | 250 | | [1.3 1.3 | 4.4 | B9A | DT |
| 6MF8 | [280 000 000 4130 200 804 560 0030 | [00 00 | | | 6.3 | [4 20 | 250 250 | 0 250 | 2.6 50 | 4.1 4.1 | | P |
| 6MH1 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | | 150 | | 14.5 | 13 | B7G | T |
| 6MHH3 | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | 1 | 100 | | 11 | 7.5 | B7G | TT |
| 6MJ8 | 281 907 050 463 | 00 | | | 6.3 | [10.5 0.0 5.0 | 250 100 100 | | 10.0 0 67.5 | 3.0 0 2.0 | A12 | TTT DP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|--------------|--------------|-------------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6M-L2 | 842 384 100 0000 | 00 | 642 364 100 | | 6.3 | 4.5 | 150 | | 14 | 5 | B7G | T |
| 6M-L4 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | | 100 | | 17 | 6.5 | B7G | T |
| 6MK7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 5 | 2.3 | A08 | P |
| 6MK8 | 178 239 589 0000 | 00 | 159 231 481 | | | [0.0 5.0 | 100 100 | 67.5 63.5 | 0 2.0 | | E9-1 | DP |
| 6MN8 | 2Y1 X09 040 563 | 00 | | | 6.3 | 0 | [200 125 | | 4.5 11.0 | 4.0 7.5 | B9A | TP |
| 6MP2 | 412 387 000 0000 | 00 | 412 365 000 | | 6.3 | 6 | 200 | 175 | 25 | 5.5 | B7G | P |
| 6MP17 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 8 | 250 | 250 | 32 | 5.2 | B7G | P |
| 6MU8 | [800 230 014 0000 047 238 100 0000 | 00 | [600 230 014 045 236 0000 | | 0.6 | 0 | [125 150 | | 11.5 150 | 6.0 9.0 | B9A | TP |
| 6N1P | 841 238 410 0000 | 00 | 641 237 410 | | 6.3 | 4.8 | 250 | | 8 | 4.3 | B9A | T |
| 6N2P | 841 228 413 0000 | 00 | 641 237 410 | | 6.3 | 1.5 | 250 | | 2.3 | 2 | B9A | T |
| 6N3 | 001 230 009 0000 | 00 | **1 23* **8 | | 6 | | | | 180 | | B9A | R |
| 6N4 | 412 381 400 0000 | 00 | 412 361 400 | | 6 | 3 | 200 | | 12 | 6 | B7G | T |
| 6N5 | 284 713 000 0000 | 00 | | | 6.3 | 15.3 | 150 | 150 | 0.2 | †1.0 | UX6 | TI |
| 6N6 | 028 850 310 0000 | 00 | 020 610 310 | | 6.3 | [0 | 300 | | 9 | | A08 | TT |
| 6N6P | | 00 | 641 237 410 | | 6.3 | 2 | 125 | | 30 | 10 | B9A | TT |
| 6N7 | 028 548 310 0000 | 00 | 027 446 310 | | 6 | 5 | 250 | | 3 | 1.6 | A08 | TT |
| 6N7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2.5 | 250 | 125 | 10.5 | 3.4 | A08 | P |
| 6N8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 90 | 5 | 2.2 | B9A | DDP |
| 6N15P | 882 345 100 0000 | 00 | 762 344 100 | | 6.3 | 2 | 100 | | 8.5 | 5.6 | B7G | TT |
| 6NK7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2.5 | 250 | 125 | 10.5 | 3.4 | A08 | P |
| 6P1 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 8.5 | 250 | 250 | 30 | 8.8 | A08 | P |
| 6P2 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 68 | 250 | 150 | 10.6 | 5.2 | B7G | P |
| 6P5 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 13.5 | 250 | | 5 | 1.25 | A08 | T |
| 6P6 | 217 413 000 0000 | 80 | 215 413 000 | A1 | 6 | 8 | 250 | 150 | 34 | | UX6 | P |
| 6P7 | 023 878 410 0000 | 50 | 023 756 410 | G1 | 6 | [3 3 | 100 100 | | 3.5 6.3 | 0.5 1 | A08 | TP |
| 6P8 | [020 748 310 0000 028 750 310 0000 | 50 50 | [027 546 310 | G1 | 6 | [8 | 100 250 | | 2.2 75 | 0.7 | A08 | TH |
| 6P9 | 412 387 400 0000 | 00 | 412 366 400 | | 6 | 6 | 250 | 250 | 30 | 7 | B9A | P |
| 6P15 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6 | 7.5 | 250 | 250 | 49 | 11.3 | B9A | P |
| 6P17 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| 6P28 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 8.8 | 350 | 250 | 72 | 9.5 | A08 | P |
| 6P1P | 871 238 417 0000 | 00 | 651 230 400 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.5 | B9A | P |
| 6P2P | 412 387 100 0000 | 00 | 412 365 000 | | 6.3 | 5.5 | 125 | 125 | 35 | 8 | B7G | P |
| 6P4P | 902 310 X00 0000 | 00 | 802 310 900 | | 6.3 | | | | 30 | | B7G | RR |
| 6PL12 | 415 238 718 0000 | 00 | 414 237 516 | | 6.3 | [8.5 | 100 250 | | 3.5 40 | 2.5 8.8 | B9A | P |
| 6PX6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | | 35 | 9.2 | A08 | P |
| 6PZ8 | 028 7X9 310 0000 | 40 | 026 598 310 | G1 | 6 | 6 | 250 | 250 | 36 | 9.2 | A08 | DDP |
| 6Q4 | 441 230 448 0000 | 00 | 441 230 446 | | 6 | 1.5 | 250 | | 15 | 12 | B9A | T |
| 6Q6 | 028 090 310 0000 | 00 | 026 080 310 | | 6 | 3 | 250 | | 1.2 | 1.05 | A08 | DT |
| 6Q7 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 6 | 3 | 250 | | 1 | 1.2 | A08 | DDT |
| 6Q11 | 281 181 514 8630 | 00 | | | 6.3 | [2.0 | 150 250 | | 2.2 1.2 | 2.5 1.6 | A12 | TTT |
| 6QL6 | 741 238 174 0000 | 00 | 541 236 154 | | 6 | 11.5 | 200 | 175 | 52 | 9.5 | B9A | P |
| 6R | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 3.7 | 2 | A08 | P |
| 6R4 | 410 230 080 0000 | 00 | 401 230 060 | | 6 | 2 | 150 | | 30 | 5.5 | B9A | T |
| 6R6 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 7 | 1.45 | A08 | P |
| 6R7 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 6 | 9 | 250 | | 9.5 | 1.9 | A08 | DDT |
| 6R8 | 9Y1 23X 148 0000 | 00 | 811 239 146 | | 6 | 9 | 250 | | 9.5 | 1.9 | B9A | DDDT |
| 6R51P | 471 230 807 0000 | 00 | 451 23* 6*5 | | 6.3 | 8 | 250 | 250 | 54 | 11 | B9A | P |
| 6RA2 | 014 234 008 0000 | 00 | 014 234 006 | | 6.3 | 31 | 150 | | 100 | 8.5 | B9A | P |
| 6RA5 | 808 023 041 0000 | 00 | 606 023 041 | | 6.3 | 20 | 100 | | 80 | 11 | B9A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|----------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6RB11 | 704 234 108 0000 | 00 | 504 234 106 | | 6.3 | 12.5 | 200 | 200 | 45 | 7.5 | B9A | P |
| 6R-DHV1 | 157 328 984 0000 | 00 | 145 327 864 | | 6.3 | [2 1 | 250 250 | 100 | 1.2 9 | 1.6 3.5 | B9A | DTP |
| 6RHH2 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1 | 90 | | 8.5 | 8 | B9A | TT |
| 6R-HH8 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | | 100 | | 16 | 16 | B9A | TT |
| 6RHV1 | 157 238 184 0000 | 00 | 145 237 164 | | 6 | [2 1 | 250 250 | 100 | 12 9 | 1.6 3.5 | B9A | TP |
| 6RK19 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6.3 | | | | 180 | | B9A | R |
| 6RP10 | 280 173 041 0000 | 00 | 260 153 041 | | 6.3 | 2.6 | 150 | 150 | 36 | 13.5 | B9A | P |
| 6RP15 | 471 230 807 0000 | 00 | 451 23* 6*5 | | 6.3 | 8 | 250 | 250 | 59 | 11 | B9A | P |
| 6RR8 | 402 108 073 0000 | 00 | 402 106 053 | | 6.3 | | 150 | 150 | 13 | 12.6 | B9A | P |
| 6RR21 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6.3 | | 150 | 150 | 13.5 | 15 | B9A | DDP |
| 6RV | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 6.4 | 2.1 | A08 | P |
| 6S1P | 812 384 100 0000 | 00 | 612 304 000 | | 6.3 | 7 | 250 | | 6.3 | 2.2 | B7G | T |
| 6S2 | 000 230 000 0000 | 90 | 230 232 032 | D1 | 6.3 | | | | | | B9A | R |
| 6S2P | 412 344 800 0000 | 00 | 412 300 600 | | 6.3 | 1 | 100 | | 10 | 11 | B7G | T |
| 6S2A | | | *** 23* *** | D1 | 6.3 | | | | | | B9A | D |
| 6S4 | 010 234 008 0000 | 00 | *1* 234 **6 | | 6 | 8 | 250 | | 26 | 4.5 | B9A | T |
| 6S4A | 014 234 008 0000 | 00 | 014 234 006 | | 6.3 | -8 | 250 | | 24 | 4.5 | B9A | T |
| 6S5 | 028 370 310 0000 | 00 | 026 470 310 | | 6.3 | 8 | 250 | | 0.23 | †1.0 | A08 | TI |
| 6S6 | 120 800 370 0000 | 40 | 120 600 350 | G1 | 6 | 2 | 250 | 100 | 13 | 4 | A08 | P |
| 6S7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 8.5 | 1.75 | A08 | P |
| 6S8 | Y19 X18 230 0000 | 40 | †18 916 230 | G1 | 6 | 2 | 250 | | 0.9 | 1.1 | A08 | DDDT |
| 6SA7 | 128 841 310 0000 | 00 | 126 641 310 | | 6 | 3.6 | 100 | | 12 | 4.3 | A08 | H |
| 6SC5 | 028 400 310 0000 | 00 | 026 400 310 | | 6 | 4 | 250 | | 7.5 | 2.7 | A08 | T |
| 6SC7 | 085 481 230 0000 | 00 | 074 461 230 | | 6 | 2 | 250 | | 2 | 1.3 | A08 | TT |
| 6SD7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 250 | 100 | 6 | 3.6 | A08 | P |
| 6SE7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 1.5 | 250 | 100 | 4.5 | 3.4 | A08 | P |
| 6SF5 | 014 080 320 0000 | 00 | 014 060 320 | | 6 | 2 | 250 | | 0.9 | 1.5 | A08 | T |
| 6SF7 | 041 791 380 0000 | 00 | 041 581 360 | | 6 | 1 | 250 | 100 | 12.4 | 2.05 | A08 | DP |
| 6SG7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 1 | 250 | 125 | 11.8 | 4.7 | A08 | P |
| 6SH7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 1 | 250 | 150 | 10.8 | 4.9 | A08 | P |
| 6SJ7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 3 | 1.65 | A08 | P |
| 6SJ8EG | [028 748 310 0000 028 750 310 0000] | | 027 546 310 | G1 | 6 | [3 3 | 150 150 | 100 | 5 1.3 | 1.6 1.2 | A08 | TH |
| 6SJ8G | [028 748 310 0000 028 750 310 0000] | 50 | 021 415 360 | | 6 | 3 | 250 | 100 | 9.2 | 2 | A08 | P |
| 6SK7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 9.2 | 2 | A08 | P |
| 6SL7 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | TT |
| 6SN7 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.9 | A08 | TT |
| 6SQ7 | 041 9X8 230 0000 | 00 | 041 896 230 | | 6 | 2 | 250 | | 0.9 | 1.1 | A08 | DDT |
| 6SR7 | 041 X98 230 0000 | 00 | 041 986 230 | | 6 | 9 | 250 | | 9.5 | 1.9 | A08 | DDT |
| 6SS7 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 9 | 1.85 | A08 | P |
| 6ST7 | 041 9X8 230 0000 | 00 | 041 896 230 | | 6 | 9 | 250 | | 9.5 | 1.9 | A08 | DDT |
| 6SU7 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | TT |
| 6SV7 | 041 798 230 0000 | 00 | 941 586 230 | | 6 | 1 | 250 | 150 | 7.5 | 3.4 | A08 | DP |
| 6SZ7 | 041 X98 230 0000 | 00 | 041 986 230 | | 6 | 3 | 250 | | 1 | 1.2 | A08 | DDT |
| 6T | 207 413 000 0000 | 80 | 205 413 000 | A1 | 6 | 12.5 | 250 | 250 | 4.5 | 4.1 | UX6 | P |
| 6T1 | 841 314 800 0000 | 00 | 642 314 600 | | 6 | | 75 | | 16 | 6.6 | B7G | T |
| 6T4 | 842 314 800 0000 | 00 | 642 314 600 | | 6 | 3 | 80 | | 18 | 7 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|---------------|------------|------------|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6T5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 22 | 250 | 250 | | †1.0 | UX6 | TI |
| 6T6 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 1 | 250 | 100 | 10 | 5.5 | A08 | P |
| 6T7 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 6 | 3 | 250 | | 1.2 | 1 | A08 | DDT |
| 6T8 | YX1 239 148 0000 | 00 | †91 238 146 | | 6 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| 6T9 | 280 410 051 7830 | 00 | | | 6.3 | [2 8 | 250 250 | | 1.5 37 | 2.1 6.5 | A12 | TP |
| 6T10 | 215 017 841 7830 | 00 | | | 6.3 | [8 1.8 | 250 150 | 250 100 | 37 1.3 | 6.5 1 | A12 | PP |
| 6T24 | 848 230 115 0000 | 00 | 647 230 114 | | 6 | 2 | 150 | | 17 | 7 | B9A | TT |
| 6T26 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | 2.3 | 250 | | 10 | 6 | B9A | TT |
| 6T27 | 841 238 510 0000 | 00 | 641 237 410 | | 6 | | 150 | | 10 | 6.8 | B9A | TT |
| 6TD32 | 9X1 23Y 148 0000 | 00 | 891 230 146 | | 6.3 | 3 | 250 | | 1 | 1.2 | B9A | DDT |
| 6TD33 | 9X1 23Y 148 0000 | 00 | 891 230 146 | | 6.3 | 3 | 250 | | 2.2 | 2.1 | B9A | DDDT |
| 6TE8 | 728 148 310 0000 | 50 | 427 146 310 | G1 | 6 | [2 2 | 100 250 | | 3.7 100 | | A08 | TH |
| 6TE9 | [801 230 450 0000 071 238 550 0000 | [00 00 | [651 237 440 | | 6 | [2.5 7 | 100 200 | 90 | 4 3 | 2 0.7 | B9A | TH |
| 6TH8 | [028 748 310 0000 028 750 310 0000 | [50 50 | [027 546 310 | G1 | 6 | [1.5 14.5 | 150 200 | 75 | 6 3.5 | 1.1 | A08 | TH |
| 6TP | 207 413 000 0000 | 80 | 205 413 000 | A1 | 6 | | 250 | 250 | 12 | 6 | UX6 | P |
| 6TP1 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [68 2 | 150 250 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| 6TP3 | 841 238 175 0000 | 00 | 641 237 154 | | 6 | [2 3 | 100 200 | 100 | 4 8 | 2 3 | B9A | TP |
| 6TP4 | 157 238 814 0000 | 00 | 145 237 614 | | 6 | [68 68 | 150 250 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| 6TP5 | 751 328 184 0000 | 00 | 541 327 164 | | 6 | [100 200 | 100 100 | 2.2 9 | | 1.3 | B9A | TP |
| 6U3 | 001 230 009 0000 | 00 | **1 23* **8 | | 6 | | | | 180 | | B9A | R |
| 6U4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | 120 | | A08 | R |
| 6U5 | 028 740 310 0000 | 00 | | | 6.3 | 8 | 250 | | | | A08 | TI |
| 6U5/6G5 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 22 | 250 | 250 | 0.2 | †1.0 | UX6 | TI |
| 6U5M | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| 6U6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 14 | 200 | 150 | 56 | 6.2 | A08 | P |
| 6U7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 8 | 1.5 | A08 | P |
| 6U8 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [1 1 | 150 250 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| 6U10 | 281 181 504 8630 | 00 | | | 6.3 | [6 1.5 | 200 200 | | 9.6 1.2 | 2.3 1.6 | A12 | TTT |
| 6UG56 | 028 740 310 0000 | | 026 540 310 | | 6.3 | 8 | 250 | 250 | | †0.1 | A08 | TI |
| 6V3 | 092 230 909 0000 | 10 | 082 230 808 | C | 6 | | | | 120 | | B9A | RR |
| 6V4 | 901 230 X00 0000 | 00 | 8*1 23* 9** | | 6 | | | | 30 | | B9A | RR |
| 6V5 | 008 740 230 0000 | 00 | 006 540 230 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| 6V6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| 6V7 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 6 | 20 | 250 | | 8 | 1.1 | A08 | DDT |
| 6V8 | 891 234 Y1X 0000 | 00 | 681 234 †19 | | 6 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| 6W2 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | | | B3G | D |
| 6W3 | 001 230 009 0000 | 00 | **1 23* **8 | | 6 | | | | 20 | | B9A | R |
| 6W4 | 001 090 230 0000 | 00 | 001 080 230 | | 6 | | | | 120 | | A08 | R |
| 6W5 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 60 | | A08 | RR |
| 6W6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 9.5 | 150 | 150 | 58 | 8 | A08 | P |
| 6W7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|------|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6WC5 | 288 114 300 0000 | 00 | 266 114 300 | | 6 | 3.6 | 100 | | 12 | 4.3 | B7G | H |
| 6X2 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | | | B3G | D |
| 6X3 | 020 000 310 0000 | 90 | 020 000 310 | D1 | 6 | | | | 5 | | A08 | R |
| 6X4 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| 6X5 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| 6X6 | 027 740 310 0000 | 00 | 025 540 310 | | 5 | | 250 | 250 | | | A08 | TI |
| 6X8 | 148 231 578 0000 | 00 | 146 231 457 | | 6 | [1 | 100 | | 8.5 | 5.8 |] B9A | TP |
| 6Y3 | 030 000 200 0000 | 90 | 030 000 200 | D1 | 6 | 1.8 | 250 | 150 | 7.5 | 4.6 | | |
| 6Y5 | 209 1X3 000 0000 | 00 | 208 193 000 | | 6 | | | | 5 | | A08 | R |
| 6Y6 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | | 13.5 | 150 | 30 | | UX6 | RR |
| | | | | | 6 | | | 150 | 58 | 7 | A08 | P |
| 6Y6-GA | 028 743 1000 | 00 | 026 543 100 | | 6.3 | [-14 | 135 | 135 | 61 | 7.0 |] A08 | P |
| 6Y7 | 028 458 310 0000 | 00 | 027 446 310 | | 6 | 0 | 250 | | 5.3 | 1.8 | | |
| 6Y50 | 902 309 001 0000 | 00 | 802 308 001 | | 6 | | | | 180 | | A08 | TT |
| 6Z3 | 391 200 000 0000 | 00 | 381 200 000 | | 6 | | | | 60 | | B9A | R |
| 6Z4 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX4 | R |
| 6Z5 | 329 1X2 000 0000 | 00 | 328 192 000 | | 6 | | | | 30 | | UX5 | RR |
| | | | | | | | | | | | UX6 | RR |
| 6Z6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 6 | | | | 30 | | A08 | RR |
| 6Z7 | 028 458 310 0000 | 00 | 026 447 310 | | 6 | 0 | 200 | | 4.2 | 0.5 | A08 | TT |
| 6Z31 | 902 30X 100 0000 | 00 | 802 309 100 | | 6.3 | | | | 30 | | B7G | RR |
| 6Z40 | 000 230 009 0000 | 10 | 000 230 008 | | 6.3 | | | | 120 | | B9A | R |
| 6ZDH3A | 284 913 000 0000 | 00 | 264 813 000 | | 6 | 2 | 250 | | 1.5 | | UX6 | DT |
| 6ZE1 | 284 713 000 0000 | 00 | 264 513 000 | | 6.3 | 7 | 250 | | | 11.0 | UX6 | TI |
| 6ZH1P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2.2 | 125 | 125 | 5.5 | 3.5 | B7G | P |
| 6ZH2P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2.2 | 125 | 125 | 7.5 | 5.2 | B7G | P |
| 6ZH3P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 250 | 150 | 7 | 5 | B7G | P |
| 6ZH4P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 6ZH5P | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 250 | 100 | 10 | 9 | B7G | P |
| 6ZP1 | 287 413 000 0000 | 00 | 265 413 000 | | 6 | 9 | 200 | 200 | 15 | 1.7 | UX6 | P |
| 6ZY5 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 15 | | A08 | RR |
| 7A2 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 17 | 250 | 250 | 40 | 3.2 | B7 | P |
| 7A3 | 045 231 800 0000 | 00 | 045 231 600 | | 4 | 6 | 250 | 250 | 32 | 10 | B7 | P |
| 7A4 | 280 004 130 0000 | 00 | 260 0*4 130 | | 6 | 8 | 250 | | 9 | 2.6 | B88 | T |
| 7A5 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 9 | 150 | 125 | 44 | 6 | B88 | P |
| 7A6 | 21X 009 130 000 | 00 | 219 008 130 | | 6 | | | | 5 | | B88 | RR |
| 7A7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 3 | 250 | 100 | 9.2 | 2 | B88 | P |
| 7A8 | 288 471 130 0000 | 00 | 266 451 130 | | 6 | 1 | 250 | 100 | 14 | 1.4 | B88 | O |
| 7AB7 | 728 141 310 0000 | 00 | 526 141 310 | | 6 | 2 | 250 | 100 | 4 | 1.8 | B88 | P |
| 7AC7 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | | 300 | 150 | 10 | 9 | B7G | P |
| 7AD7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 2.3 | 300 | 150 | 28 | 9.5 | B88 | P |
| 7AF7 | 218 548 130 0000 | 00 | 217 446 130 | | 6 | 9 | 250 | | 9 | 2.1 | B88 | TT |
| 7AG7 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 250 | 250 | 6 | 4.2 | B88 | P |
| 7AH7 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 250 | 250 | 6.8 | 3.3 | B88 | P |
| 7AJ7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 3 | 250 | 100 | 2.2 | 1.5 | B88 | P |
| 7AK7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 0 | 150 | 90 | 40 | 6.5 | B88 | P |
| 7AN7 | 158 234 118 0000 | 00 | 147 234 116 | | 7.5 | 1 | 90 | | 12 | 6 | B9A | TT |
| 7AU7 | 851 228 413 0000 | 00 | 741 226 413 | | 3.5 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 7B4 | 280 004 130 0000 | 00 | 260 004 130 | | 6 | 2 | 250 | | 0.9 | 1.5 | B88 | T |
| 7B5 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 18 | 250 | 250 | 32 | 2.3 | B88 | P |
| 7B6 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 6 | 2 | 250 | | 0.9 | 1.1 | B88 | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 7B7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 3 | 250 | 100 | 8.5 | 1.7 | B8B | P |
| 7B8 | 287 474 130 0000 | 00 | 265 454 130 | | 6 | 2 | 250 | 100 | | 1.1 | B8B | H |
| 7C4 | 200 900 130 0000 | 00 | 2*0 800 130 | | 6 | | | | 5 | | A08 | R |
| 7C5 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | B8B | P |
| 7C6 | 284 1X9 130 0000 | 00 | 264 198 130 | | 6 | 1 | 250 | | 1.3 | 1 | B8B | DDT |
| 7C7 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 3 | 250 | 100 | 2 | 1.3 | B8B | P |
| 7CE40 | 148 235 118 0000 | 00 | 146 234 117 | | 7 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| 7D3 | 047 231 800 0000 | 00 | 045 231 600 | | 40 | 20 | 150 | 125 | 36 | 2.4 | B7 | P |
| 7D5 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 16.5 | 250 | 250 | 34 | 2.3 | B7 | P |
| 7D6 | 047 231 800 0000 | 00 | 045 231 600 | | 40 | 6 | 250 | 250 | 32 | 10 | B7 | P |
| 7D7 | [208 405 130 0000 | 00] | 276 454 130 | | 6 | [3 | 150 | | 3 | | | |
| | 280 575 130 0000 | 00 | | | | 3 | 250 | 100 | 1.3 | 0.2 | B8B | TH |
| 7D8 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 6 | 250 | 250 | 32 | 10 | B7 | P |
| 7D9 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| 7D9 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 25 | 250 | 250 | 32 | 1.8 | B7 | P |
| 7D10 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B8A | P |
| 7D11 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 20 | 350 | 250 | 95 | 9 | A08 | P |
| 7DJ8 | 841 238 510 0000 | 00 | 641 237 411 | | 7 | 1.3 | 90 | | 15 | 12.5 | B9A | TT |
| 7E5 | 428 141 830 0000 | 00 | 426 141 630 | | 6 | 3 | 200 | | 5.5 | 3 | B8B | T |
| 7E6 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 6 | 8 | 250 | | 9.5 | 1.9 | B8B | DDT |
| 7E7 | 28X 974 130 0000 | 00 | 269 854 130 | | 6 | 3 | 250 | 100 | 7.5 | 1.3 | B8B | DDP |
| 7ED7 | 141 230 871 0000 | 00 | 141 230 651 | | 7.3 | 1.9 | 200 | 175 | 10 | | B9A | P |
| 7EK7 | 148 235 118 0000 | 00 | 146 234 117 | | 7 | 1.2 | 200 | | 15 | 4 | B9A | TT |
| 7ES8 | 841 238 510 0000 | 00 | 641 237 410 | | 7 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| 7EY6 | 028 740 310 0000 | 00 | 026 540 310 | | 7.2 | 17.5 | 250 | 250 | 44 | 4.4 | A08 | P |
| 7F7 | 218 548 130 0000 | 00 | 217 446 130 | | 6 | 2 | 250 | | 2.3 | 1.6 | B8B | TT |
| 7F8 | 528 118 340 0000 | 00 | 427 116 340 | | 6 | 3 | 250 | | 6 | 3.3 | B8B | TT |
| 7F16 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8A | P |
| 7FC7 | 148 235 118 0000 | 00 | 146 234 117 | | 7.2 | 1.2 | 90 | | 15 | 12 | B9A | TT |
| 7G7 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 250 | 100 | 6 | 4.5 | B8B | P |
| 7G8 | 287 451 830 0000 | 00 | 265 441 730 | | 6 | 2.5 | 250 | 100 | 4.5 | 2.1 | B8B | PP |
| 7GH8 | 788 234 151 0000 | 00 | 576 234 141 | | 8 | [3 | 100 | | 14 | | B9A | TH |
| | | | | | | [1.2 | 200 | 150 | 10 | | | |
| 7GV7 | 878 231 514 0000 | 00 | 657 231 414 | | 7.4 | [3 | 100 | | 14 | 5.5 | | TP |
| | | | | | | [2 | 250 | 250 | 10 | 11 | | |
| 7H6 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2.5 | 250 | 150 | 9.5 | 3.5 | B8B | P |
| 7H7 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 250 | 150 | 10 | 4.2 | B8B | P |
| 7HG8 | 151 234 887 0000 | 00 | 741 234 675 | | 7.2 | [| 125 | | 15 | | | |
| | | | | | | [| 250 | 150 | 18 | | B9A | TH |
| 7J7 | [208 405 130 0000 | 00] | 276 454 130 | | 6 | [3 | 150 | | 6.6 | 1.4 | | |
| | 280 575 130 0000 | 00 | | | | [3 | 250 | 100 | 1.4 | | B8B | TH |
| 7K7 | 218 4X9 130 0000 | 00 | 216 498 130 | | 6 | 2 | 250 | | 2.3 | 1.6 | B8B | DDT |
| 7KY6 | 141 230 871 0000 | 00 | 141 230 651 | | 7.3 | 0 | 200 | 135 | 30 | 30 | B9A | P |
| 7KZ6 | 141 230 871 0000 | | 141 230 651 | | 7.3 | 0 | 250 | 115 | 25 | 24 | B9A | P |
| 7L7 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 1.5 | 250 | 100 | 4.5 | 3.1 | B8B | P |
| 7MP18 | 412 387 400 0000 | 00 | 412 365 400 | | 7.5 | 5 | 200 | 175 | 35 | 11 | B9A | P |
| 7N7 | 218 548 130 0000 | 00 | 217 446 130 | | 6 | 8 | 250 | | 9 | 2.6 | B8B | TT |
| 7Q7 | 288 414 130 0000 | 00 | 266 414 130 | | 6 | 2 | 100 | | 15 | 6 | B8B | H |
| 7R1 | 290 300 000 0000 | 00 | 280 300 000 | | 7.5 | | | | 60 | | UX4 | R |
| 7R7 | 28X 974 130 0000 | 00 | 269 854 130 | | 6 | 1 | 250 | 100 | 6.2 | 3.4 | B8B | DDP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 7S7 | [288 405 130 0000 | 00 | 276 454 130 | | 6 | [1 | 100 | | 4.8 | 1.4 | B8B | TH |
| 7T7 | 280 575 130 0000 | 00 | 265 104 130 | | 6 | 2 | 250 | 100 | 4 | 2 | B8B | P |
| 7V7 | 287 104 130 0000 | 00 | 265 114 130 | | 6 | 1 | 250 | 150 | 10.8 | 4.9 | B8B | P |
| | 287 114 130 0000 | 00 | | | | 2 | 300 | 150 | 10 | 5.8 | B8B | P |
| 7X6 | 219 00X 130 0000 | 00 | 218 009 130 | | 6 | | | | 30 | | B8B | RR |
| 7X7 | 284 19X 130 0000 | 00 | 264 189 130 | | 6 | 1 | 250 | | 1.9 | 1.5 | B8B | DDT |
| 7Y4 | 209 00X 130 0000 | 00 | 208 009 130 | | 6 | | | | 30 | | B8B | RR |
| 7Z4 | 20X 009 130 0000 | 00 | 209 008 130 | | 6 | | | | 60 | | B8B | RR |
| 8A1 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 3.5 | 4 | B5 | P |
| 8A1 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 75 | 3.5 | 4 | B7 | P |
| 8A2 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.1 | 200 | 100 | 3 | 2.4 | B5 | P |
| 8A8 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 | 100 | | 14 | 5 | B9A | TP |
| 8AC9 | 2X1 100 114 7830 | 00 | | | 8.4 | 2 | 200 | 175 | 10 | 6.2 | A12 | DDP |
| 8AU8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.5 | 1 | 125 | 125 | 12 | 10 | | |
| | | | | | | 1.25 | 150 | | 8.5 | 4.9 | B9A | TP |
| | | | | | | 1.5 | 200 | 125 | 16 | 7 | | |
| 8AW8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.4 | [2 | 200 | | 4 | 4 | B9A | TP |
| | | | | | | 3 | 200 | 150 | 13 | 9 | | |
| 8AW8A | 000 231 478 0000 | 00 | 000 231 456 | | 8.4 | [-2 | 200 | | 4 | 4 | B9A | TP |
| | | | | | | 0 | 65 | 150 | 46 | 9.5 | | |
| | | | | | | | 150 | 150 | 15 | | | |
| 8B8 | 415 238 718 0000 | 00 | 414 237 516 | | 8 | [1 | 100 | | 1 | 1.9 | B9A | TP |
| 8B10 | 215 848 1X1 9030 | 00 | | | 8.5 | 16 | 200 | 200 | 35 | 6.4 | A12 | DDT |
| | | | | | | 9.5 | 250 | | 7 | 1.8 | | |
| 6BA8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.4 | [8 | 200 | | 8 | 2.7 | B9A | TP |
| | | | | | | 3 | 200 | 150 | 13 | 9 | | |
| 8BH8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.4 | [5 | 150 | | 9.5 | 3.3 | B9A | TP |
| | | | | | | 1.6 | 200 | 125 | 15 | 7 | | |
| 8BM8 | 415 238 718 0000 | 00 | 414 237 516 | | 7.9 | [1 | 200 | | 3.7 | 2.5 | B9A | TP |
| | | | | | | 16 | 200 | 200 | 35 | 6.4 | | |
| 8BM11 | 287 015 871 4300 | 00 | 265 015 651 | | 6.3 | [1 | 100 | 125 | 14 | 8 | A12 | PP |
| 8BN8 | 911 23X 841 0000 | 00 | 811 239 641 | | 8.4 | 0.9 | 150 | 125 | 12 | 9.8 | | |
| 8BQ5 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 8 | 3 | 250 | | 1.6 | 2.6 | B9A | DDT |
| | | | | | | 7.3 | 250 | 250 | 48 | 11.5 | B9A | P |
| 8BQ7A | 841 238 510 0000 | 00 | 641 237 410 | | 8.4 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| 8BU11 | 218 415 867 8130 | 00 | | | 7.8 | [1 | 125 | | 13.5 | 8.6 | A12 | TTP |
| | | | | | | 11 | 125 | 125 | 12 | 7.5 | | |
| 8CF40 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 | 100 | | 14 | 5 | B9A | TP |
| 8CG7 | 851 238 410 0000 | 00 | 741 236 410 | | 8.4 | 2 | 200 | 175 | 10 | 6.2 | | |
| 8CL8 | 841 235 178 0000 | 00 | | | 8.4 | 8 | 250 | | 9 | 2.6 | B9A | TT |
| | | | | | | 2 | 200 | | 4 | 4 | B9A | TP |
| | | | | | | 1.2 | 150 | 100 | 4 | 4.4 | | |
| 8CM7 | 801 238 451 0000 | 00 | 701 236 441 | | 8.4 | [7 | 200 | | 5 | 2 | B9A | TT |
| 8CN7 | 9X1 221 843 0000 | 00 | 891 221 643 | | 4.2 | 8 | 250 | | 20 | 4.4 | | |
| 8CS7 | 805 238 411 0000 | 00 | 704 236 411 | | 8.4 | 3 | 250 | | 1 | 1.2 | B9A | DDT |
| 8CW5 | 071 230 807 0000 | 00 | *51 23* 6*5 | | 8 | 10.6 | 250 | | 19 | 4.5 | B9A | TT |
| 8CW8 | 517 238 148 0000 | 00 | 415 237 146 | | 8 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| | | | | | | 1.7 | 250 | | 1.2 | 1.6 | | |
| | | | | | | 7 | 250 | 250 | 36 | 10 | B9A | TP |
| 8CX8 | 148 231 478 0000 | 00 | 146 231 456 | | 8 | [1.5 | 150 | | 9 | 4.6 | B9A | TP |
| | | | | | | 2 | 200 | 125 | 25 | 10 | | |
| 8CY7 | 805 238 411 0000 | 00 | 6*4 237 411 | | 7.9 | [3 | 250 | | 1.2 | 1.3 | B9A | TT |
| | | | | | | 18.5 | 150 | | 30 | 5.4 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------------------------|------------|------------------------------------|------------|-----|--------------|------------|------------|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 8D2 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 3 | 250 | 100 | 2 | 1.25 | B7 | P |
| 8D3 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2 | 250 | 250 | 10 | 7.5 | B7G | P |
| 8D4 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 1.5 2 | 200 250 | 150 100 | 4 3 | 6.4 1.8 | A08 | P |
| 8D5 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 3 | 250 | 100 | 2 | 1.2 | B9A | P |
| 8D6 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 200 | 175 | 10 | 2.5 | B9A | P |
| 8D7 | 001 230 871 0000 | 40 | 001 230 651 | G1 | 6 | 3 | 250 | 100 | 2 | 1.25 | B9A | P |
| 8D8 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 2 | 250 | 150 | 3 | 1.9 | B9A | P |
| 8DX8 | 481 238 157 0000 | 00 | 461 237 145 | | 7.5 | [1.7 2.1 | 200 200 | 30 175 | 18 | 4 11 | B9A | TP |
| 8EB8 | 148 231 578 0000 | 00 | 146 231 457 | | 8 | [2 2 | 250 200 | 2 125 | 25 | 2.7 12.5 | B9A | TP |
| 8EM5 | 704 234 108 0000 | 00 | 504 234 106 | | 8.4 | 18 | 250 | 250 | 35 | 5.1 | B9A | P |
| 8ET7 | 19X 231 478 0000 | 00 | 189 231 456 | | 8 | 100 | 200 | 150 | 25 | 11.5 | B9A | DDP |
| 8FQ7 | 851 238 410 0000 | 00 | 741 236 410 | | 8.4 | 8 | 250 | | 9 | 2.6 | B9A | TT |
| 8G140 | 9X2 300 000 0000 | 00 | 892 300 000 | | 8 | | | | 60 | | B4 | RR |
| 8GE8 | | | 146 231 457 | | 8.2 | [2 | 200 | | 4.5 | 4.2 | B9A | TP |
| 8GK6 | 141 230 871 0000 | 00 | 141 230 651 | | 8 | 7.4 | 250 | 250 | 48 | 11.3 | B9A | P |
| 8GN8 | 148 231 578 0000 | 00 | 146 231 457 | | 8 | [2 3 | 250 200 | 2 150 | 25 | 2.7 11.5 | B9A | TP |
| 8GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 7.5 | [1.7 7.0 | 250 250 | 1.2 36 | | 1.6 10 | B9A | TP |
| 8GX7 | 151 238 784 0000 | 00 | 151 236 574 | | 7.7 | [1 1 | 125 125 | 13 125 | 8 | 8.5 11 | B9A | TP |
| 8HG8 | 151 234 887 0000 | 00 | 141 234 675 | | 8 | [3 1.2 | 100 200 | 14 150 | 10 | 5.5 12 | B9A | TP |
| 8JE8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.2 | [2 | 200 | 4.5 | | 4.2 | B9A | TP |
| 8JK8 | 841 238 510 0000 | 00 | 741 236 410 | | 8.4 | [1.0 1.2 | 100 150 | 5.3 10 | | 6.8 13 | B9A | TT |
| 8JT8 | 148 231 578 0000 | 00 | | | 7.7 | [2 1.6 | 250 200 | 1.5 100 | 17 | 2.7 20 | B9A | TP |
| 8JV8 | 148 231 578 0000 | 00 | 146 231 457 | | 8.5 | [2 2.9 | 200 200 | 4 200 | 22 | 4 10.7 | B9A | TP |
| 8KA8 | 841 235 178 0000 | 00 | | | 8.4 | [2 1.2 | 200 150 | 4 100 | 4 | 4 4.4 | B9A | TP |
| 8LC8 | 841 235 178 0000 | 00 | | | 8.4 | [2 1.2 | 200 150 | 4 100 | 4 | 4 9.4 | B9A | TP |
| 8LE8 | 811 230 174 0000 011 238 174 0000 | 00 | 611 230 154 | | 8 | 2.5 | 100 | 100 | 8 | 5.8 | B9A | PP |
| 8MP12 | 412 387 400 0000 | 00 | 412 365 400 | | 8.5 | | 200 | 175 | 25 | | B7G | P |
| 8RB11 | 704 234 108 0000 | 00 | 504 234 106 | | 8.5 | 12.5 | 200 | 200 | 45 | 7.5 | B9A | P |
| 8RHP1 | 415 238 718 0000 | 00 | 414 237 516 | | 8.2 | [16 | 100 200 | 3.5 200 | 35 | 2.5 6.4 | B9A | TP |
| 8SN7 | 481 581 230 0000 | 00 | 461 471 230 | | 8.4 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 8T27 | 841 238 510 0000 | 00 | 641 237 410 | | 8.4 | | 150 | | 10 | 6.8 | B9A | TT |
| 9A1 | 742 231 000 0000 | 80 | 542 231 000 | A1 | 4 | 1.5 | 200 | 75 | 5 | 4.2 | B5 | P |
| 9A1 | 947 231 700 0000 | 80 | 045 231 500 | A1 | 4 | 1.5 | 200 | 75 | 5 | 4.2 | B7 | P |
| 9A3 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2 | 250 | 125 | 10 | 1.8 | B7 | P |
| 9A8 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 2 | 100 200 | 14 175 | 10 | 5 6.2 | B9A | TP |
| 9AB4 | 802 304 100 0000 | 00 | 602 304 100 | | 9 | 2 | 250 | | 10 | 5 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|-------|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 9ABC40 | 9X1 23Y 148 0000 | 00 | 891 230 146 | | 9.5 | 1.9 | 170 | | 1 | 1.4 | B9A | DDDT |
| 9AK8 | YX1 239 148 0000 | 00 | †91 238 146 | | 9.5 | 2.3 | 200 | | 1 | 1.4 | B9A | DDDT |
| 9AQ8 | 841 238 510 0000 | 00 | 641 237 410 | | 9 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| 9AU7 | 851 228 413 0000 | 00 | 741 226 413 | | 4.7 | 3.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 9BM5 | 412 387 400 0000 | 00 | 412 365 400 | | 9 | 6 | 250 | 250 | 30 | 7 | B9A | P |
| 9BQ7 | 841 238 510 0000 | 00 | 641 237 410 | | 8.4 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| 9BR7 | 841 22X 913 0000 | 00 | 641 229 813 | | 4.7 | 2.0 | 250 | | 10 | 4 | B9A | DDT |
| 9BW6 | 041 230 871 0000 | 00 | *41 230 651 | | 9 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 9C8 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 | 100 | | 14 | 5 |] B9A | TP |
| | | | | | | 2 | 200 | 175 | 10 | 6.2 | | |
| 9CL8 | 481 238 715 0000 | 00 | 461 237 514 | | 9.5 | [0.75 | 150 | | 15 | 8 |] B9A | TP |
| | | | | | | 0.1 | 150 | 125 | 12 | 5.8 | | |
| 9D2 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 3 | 250 | 125 | 10.5 | 1.65 | B7 | P |
| 9D6 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 250 | 200 | 8 | 2.5 | B7G | P |
| 9D7 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 1.5 | 250 | 100 | 10 | 8.4 | B9A | P |
| 9DZ8 | 415 238 718 0000 | 00 | 414 237 516 | | 9 | [| 150 | | 0.8 | 1.4 |] B9A | TP |
| | | | | | | | 150 | 125 | 45 | 7.5 | | |
| 9EA8 | 857 238 114 0000 | 00 | 857 238 114 | | 18.9 | [1 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | 1 | 125 | 125 | 12 | 6.4 | | |
| 9EF6 | 028 740 310 0000 | 00 | 026 540 310 | | 9.4 | 18 | 250 | 250 | 50 | 5 | A08 | P |
| 9EN7 | 157 238 414 0000 | 00 | 157 236 414 | | 9 | [| 150 | | 6 | 5 |] B9A | TP |
| | | | | | | | 200 | 150 | 7.6 | 8.5 | | |
| 9GV8 | 841 238 741 0000 | 00 | 641 237 541 | | 9.4 | [| 250 | | 8 | |] B9A | TP |
| | | | | | | | 250 | 250 | 12 | | | |
| 9J6 | 882 345 100 0000 | 00 | 762 344 100 | | 9 | 0.85 | 100 | | 8.5 | 5.3 | B7G | TT |
| 9JT8 | 148 231 778 0000 | 00 | 148 231 578 | | 7.7 | [2 | 250 | | 1.5 | 2.7 |] B9A | TP |
| | | | | | | 1.6 | 200 | 100 | 1.7 | 20 | | |
| 9KC6 | 140 231 807 0000 | 00 | 140 231 605 | | 8.7 | [0 | 400 | 150 | 18.0 | 240 |] B9A | P |
| | | | | | | | | 100 | 1.0 | | | |
| 9KZ8 | 851 238 715 0000 | 00 | | | 9.4 | [1 | 125 | | 13.5 | 8.5 |] B9A | TP |
| | | | | | | 1 | 125 | 125 | 12 | 7.5 | | |
| 9LA6 | 147 230 856 0000 | 00 | | | 8.7 | 0 | 250 | 150 | 25 | 21.0 | B9A | P |
| 9MN8 | 2Y1X09 040 563 | 00 | | | 9.5 | 0 | [200 | | 4.8 | 4.0 |] B9A | TTT |
| | | | | | | | 125 | | 11.0 | 7.5 | | |
| 9P9 | 412 387 400 0000 | 00 | 412 365 400 | | 9 | 6 | 250 | 250 | 30 | 7 | B9A | P |
| 9RA6 | 140 230 408 0000 | 00 | 140 230 406 | | 9.5 | 12 | 250 | | 26 | 8.5 | B9A | T |
| 9T8 | YX1 239 148 0000 | 00 | †91 238 146 | | 9.5 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| 9T26 | 841 238 510 0000 | 00 | 641 237 410 | | 9.5 | 2.3 | 250 | | 10 | 6 | B9A | TT |
| 9TP4 | 157 238 814 0000 | 00 | 145 237 614 | | 9.4 | [68 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | | 250 | 100 | 10 | 5.2 | | |
| 9U8 | 857 238 114 0000 | 00 | 645 237 114 | | 9.5 | [1 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | 1 | 250 | 100 | 10 | 5.2 | | |
| 9X8 | 148 231 578 0000 | 00 | 146 231 457 | | 9.5 | [3.5 | 150 | 150 | 8.5 | 5.8 |] B9A | TP |
| | | | | | | | | | 6.2 | 2.1 | | |
| 10 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 32 | 250 | | 16 | 1.55 | UX4 | T |
| 10AL11 | 215 118 741 7830 | 00 | | | 9.8 | 2 | 15 | 100 | 1.3 | 1 | A18 | PP |
| 10BM8 | 415 238 718 0000 | 00 | 414 237 516 | | 10 | [11.5 | 150 | 150 | 41 | 2.2 |] B9A | TP |
| | | | | | | | | | | 7.5 | | |
| 10BQ5 | 041 230 807 0000 | 00 | 041 230 605 | | 10 | 7.3 | 250 | 250 | 48 | 11 | B9A | P |
| 10C1 | [208 475 130 0000 | 00 | 276 454 130 | | 28 | [3.3 | 100 | | 6 | 3 |] B9A | TH |
| | 280 575 130 0000 | 00 | | | | | 200 | 100 | 8 | 2.5 | | |
| 10C2 | 288 475 130 0000 | 00 | 276 454 130 | | 28 | [3.3 | 100 | | 6 | 3 |] B8A | TP |
| | | | | | | 1.5 | 175 | 100 | 3 | 5 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------------------------|-------------------------|------------|-----------------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 10C8 | 841 238 751 0000 | 00 | 641 237 541 | | 10.5 | [2.7 1.5 | 250 150 | 125 | 7.3 11.5 | 4.4 8 | B9A | TP |
| 10C14 | 751 238 184 0000 | 00 | 541 237 164 | | 19 | [2.2 12.5 | 100 150 | 100 150 | 13.7 5 70 | 3.7 2.3 10 | B9A | TP |
| 10CW5 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 10 | | | | | | B9A | P |
| 10D1 | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | 5 | | B5 | RR |
| 10D2 | 1X2 310 900 0000 | 00 | 192 310 800 | | 19 | | | | 5 | | B7G | RR |
| 10DA7 | 814 238 511 0000 | 00 | 614 237 411 | | 10.5 | [8 17.5 | 250 150 | | 9 40 | 2.6 5.7 | B9G | TT |
| 10DA8 | 804 238 511 0000 | 00 | 604 237 411 | | 10.5 | [8 17.5 | 250 150 | | 9 32 | 2.6 6.5 | B9A | TT |
| 10DE7 | 855 238 411 0000 | 00 | 744 236 411 | | 10 | [11 17.5 | 250 150 | | 5.5 35 | 2 6.5 | B9A | TT |
| 10DR7 | 855 238 411 0000 | 00 | 744 236 411 | | 9.7 | [3 1.7 | 250 200 | | 1.4 3 | 1.6 4 | B9A | TT |
| 10DX8 | 481 238 157 0000 | 00 | 461 237 145 | | 10 | [2.1 2 | 200 250 | 175 | 18 2 | 11 2.7 | B9A | TP |
| 10EB8 | 148 231 578 0000 | 00 | 146 231 457 | | 10.5 | [2 200 | 250 200 | 125 | 25 | 12.5 | B9A | TP |
| 10EG7 | 581 481 230 0000 | 00 | 471 461 230 | | 9.7 | [11 17.5 | 350 150 | | 5.5 45 | 2 7.5 | A08 | TT |
| 10EM7 | 581 481 230 0000 | 00 | 461 471 230 | | 9.7 | [20 3 | 150 250 | | 50 1.4 | 7.2 1.6 | B9A | TT |
| 10ER5 | 142 380 100 0000 | 00 | 142 360 100 | | 10.8 | [1.2 17.5 | 200 150 | | 10 45 | 10.5 7.5 | B7G | TT |
| 10EW7 | 855 238 411 0000 | 00 | 744 236 411 | | 9.7 | [11 250 | 150 250 | | 5.5 | 2.0 | B9A | TT |
| 10F1 | 281 714 130 0000 | 00 | 261 415 130 | | 22 | [1.8 | 200 | 200 | 100 | 9 | B8A | P |
| 10F3 | 280 174 130 0000 | 00 | 260 154 130 | | 22 | [2.3 | 200 | 200 | 6 | 6.5 | B8A | P |
| 10F9 | 280 174 130 0000 | 00 | 260 154 130 | | 13 | [2.5 | 200 | 100 | 7 | 2.3 | B8A | P |
| 10F18 | 141 230 871 0000 | 00 | 141 230 651 | | 13 | [1.3 | 200 | 100 | 12 | 4.5 | B9A | P |
| 10FD7 | 855 238 411 0000 | 00 | 644 237 411 | | 9.7 | [17.5 | 250 150 | | 6 45 | 1.6 7.5 | B9A | TT |
| 10FD12 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | [1.5 | 200 | 200 | 11 | 4.5 | B9A | DDP |
| 10FG7 | 151 238 084 0000 | 00 | 141 237 064 | | 9.7 | [3 20 | 250 150 | | 1.4 50 | 1.6 7.2 | B9A | TT |
| 10FR7 | 844 238 511 0000 | 00 | 644 237 411 | | 9.7 | [3 20 | 250 150 | | 1.4 50 | 1.6 7.2 | B9A | TT |
| 10GF7 | 151 238 084 0000 | 00 | 141 237 064 | | 9.7 | [20 3 | 150 250 | | 50 1.4 | 7.2 1.6 | B9D | TT |
| 10GF7A | 151 238 084 0000 | 00 | 151 236 094 | | 9.7 | [-3 0 -20 28 | 250 60 150 250 | | 1.4 95 50 10 | | B9A | TT |
| 10GN8 | 148 231 578 0000 | 00 | 146 231 457 | | 10.5 | [2 3 | 250 200 | 150 | 2 25 | 2.7 11.5 | B9A | TP |
| 10GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 10 | [1.7 7 | 250 250 | 250 | 1.2 36 4 | 1.6 10 4 | B9A | TP |
| 10FH8 | 148 231 578 0000 | 00 | 146 231 457 | | 10 | [2 1 | 250 250 | 250 | 25 | 12.5 | B9A | TP |
| 10JA8 | 148 231 578 0000 | 00 | | | 10.5 | [2 1.5 | 150 150 | 150 | 1 18 | 1.5 13 | B9A | TP |
| 10JT8 | 148 231 578 0000 | 00 | 148 231 578 | | 10.2 | [2 1.6 | 250 200 | 100 | 1.5 17 | 2.7 20 | B9A | TP |
| 10JY8 | 148 231 578 0000 | 00 | 146 231 457 | | 10.5 | [125 200 | 150 | 15 | 24 | 10.4 11 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 10KR8 | 148 231 578 0000 | 00 | 146 231 457 | | 10.5 | [| 100 | | 15 | 10.4 | B9A | TP |
| 10KU8 | 19X 231 478 0000 | 00 | 19* 231 478 | | 10.2 | 1.6 | 200 | 100 | 19.5 | 20.0 | B9A | DDP |
| 10L1 | 412 314 800 0000 | 00 | 412 314 600 | | 19 | 1.5 | 250 | | 10 | 8.5 | B7G | T |
| 10L14 | 841 238 510 0000 | 00 | 641 237 410 | | 26 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| 10LB8 | 148 231 578 0000 | 00 | 148 231 578 | | 10.2 | [| 0.9 | 125 | 13 | 5 | B9A | TP |
| 10LD3 | 284 0X9 130 0000 | 00 | 264 098 130 | | 14 | 1.1 | 150 | 100 | 17 | 20 | B8A | DDT |
| 10LD11 | 284 0X9 130 0000 | 00 | 264 098 130 | | 15 | 5.9 | 250 | | 5 | 2.3 | B8A | DDT |
| 10LD12 | YX1 239 148 0000 | 00 | 191 238 146 | | 28 | 2.3 | 200 | | 1 | 1.4 | B9A | DDDT |
| 10LD13 | 841 239 0X0 0000 | 00 | 641 238 09* | | 13 | 4.4 | 150 | | 0.5 | 1.4 | B9A | DDT |
| 10LE8 | [811 230 174 0000 011 238 174 0000 | 00] | 011 236 154 | | 10 | 2.5 | 100 | 100 | 8 | 5.8 | B9A | PP |
| 10M1 | 028 740 310 0000 | 00 | 026 540 310 | | 18 | 19 | 200 | 175 | 0.2 | †1.0 | A08 | TI |
| 10M2 | 208 478 130 0000 | 00 | 206 456 130 | | 12.6 | [| 3 | 200 | 200 | 0.1 | A08 | TI |
| 10P13 | 280 074 130 0000 | 00 | 260 054 130 | | 40 | 6 | 150 | 150 | 30 | 7.5 | B8A | P |
| 10P14 | 028 740 310 0000 | 00 | 026 540 310 | | 40 | 9.4 | 200 | 175 | 40 | 7.2 | A08 | P |
| 10P18 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 45 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| 10PL12 | 415 238 718 0000 | 00 | 414 237 516 | | 50 | [| 100 | | 3.5 | 2.5 | B9A | TP |
| 11 | 382 400 000 0000 | 00 | 362 400 000 | | 1.1 | 4.5 | 90 | 200 | 35 | 6.4 | UX4 | T |
| 11A1 | 010 234 008 0000 | 00 | *1* 234 **6 | | 6.3 | | 150 | | 2.5 | 0.4 | B9A | T |
| 11A2 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 4 | 2 | 200 | | 100 | 12 | B7 | DDT |
| 11A6 | 284 158 300 0000 | 00 | 264 147 300 | | 10 | 1 | 100 | | 3 | 2.8 | A08 | TT |
| 11AR11 | 287 151 187 4130 | 00 | | | 11.2 | 0.7 | 125 | 125 | 11 | 10.5 | A12 | PP |
| 11C5 | 028 040 310 0000 | 00 | 026 040 310 | | 10 | 1 | 100 | | | 2 | A08 | T |
| 11CY7 | 805 238 411 0000 | 00 | 7*4 236 411 | | 11 | [| 3 | 250 | 1.2 | 1.3 | B9A | TT |
| 11D3 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 13 | 2 | 250 | | 30 | 5.4 | B7 | DDT |
| 11D5 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 13 | 3 | 250 | | 0.6 | 1.1 | B7 | DDT |
| 11E1 | 218 740 030 0000 | 00 | 216 540 030 | | 6 | | 250 | 250 | 50 | 7.3 | M08 | P |
| 11E2 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 16.5 | 200 | 200 | 25 | 9 | A08 | P |
| 11E8 | 200 848 310 0000 | 50 | 200 647 310 | G1 | 11 | | 150 | | 20 | | A08 | TT |
| 11E13 | 415 228 783 0000 | 00 | 414 226 573 | | 6.3 | 40 | 300 | 200 | 75 | | B9A | PP |
| 11E14 | 020 740 310 0000 | 80 | | | 6.3 | 16 | 250 | 250 | 48 | 7 | A08 | P |
| 11F6 | 028 740 310 0000 | 00 | 026 540 310 | | 10 | 1 | 100 | 150 | | 2.5 | A08 | P |
| 11HM7 | 141 230 871 0000 | 00 | 141 230 651 | | 11.0 | 0 | 250 | 135 | 30 | 30.0 | B9A | P |
| 11J7 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 10 | 1 | 250 | 100 | | 1.2 | A08 | P |
| 11JE8 | 148 231 578 0000 | 00 | 146 231 457 | | 10 | [| 2 | 200 | 4.5 | 4.2 | B9A | TP |
| 11K7 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 10 | 1 | 250 | 100 | 22 | 12 | A08 | P |
| 11KV8 | 148 231 578 0000 | 00 | | | 10.9 | [| 1.8 | 200 | 4 | 4 | B9A | TP |
| 11L6 | 028 740 310 0000 | 00 | 026 540 310 | | 10 | 1 | 100 | 150 | | 23 | A08 | P |
| 11LQ8 | 148 231 578 0000 | 00 | | | 10.9 | [| 1 | 125 | 15 | 10.4 | B9A | TP |
| 11N7 | 028 458 310 0000 | 00 | 026 447 310 | | 10 | 1.6 | 125 | 125 | 16.5 | 21 | A08 | TT |
| 11QL8 | 148 231 578 0000 | 00 | 146 231 457 | | 10.9 | [| 1 | 125 | 15 | 10.4 | B9A | TP |
| 11X5 | 029 0X0 310 0000 | 00 | 028 090 310 | | 11 | 1.4 | 200 | 125 | 20 | 23 | A08 | RR |
| 12 | 384 200 000 0000 | 00 | 364 200 000 | | 1.1 | 4.5 | 90 | | 2.5 | 0.42 | UX4 | T |
| 12A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 4.5 | 90 | | 5 | 1.5 | UX4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|------|------|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12A4 | 142 330 408 0000 | 00 | 142 330 406 | | 6 | 9 | 250 | | 23 | 0.8 | B9A | T |
| 12A5 | 287 413 200 0000 | 00 | 265 413 200 | | 6 | 15 | 100 | 100 | 17 | 1.7 | UX7 | P |
| 12A6 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 12.5 | 250 | 250 | 30 | 2 | A08 | P |
| 12A7 | 287 191 300 0000 | 40 | 265 181 300 | G1 | 12.5 | [12.5 | 150 | 150 | 30 | 1 | Sm7 | RP |
| 12A8 | 028 747 310 0000 | 40 | 026 545 310 | G1 | 12.5 | 3 | 250 | 100 | 3.5 | 1.15 | A08 | H |
| 12AB5 | 704 234 178 0000 | 00 | 504 234 156 | | 12 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 12AB5 | 421 080 370 0000 | 00 | 421 060 350 | | 12 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 12AC5 | 280 074 130 0000 | 00 | 26* 54 130 | | 12 | 3 | 200 | 125 | 2.3 | 2.3 | B8A | P |
| 12AC6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 10 | 12.6 | 12.6 | 0.5 | 0.7 | B7G | P |
| 12AD5 | 741 238 000 0000 | 00 | 541 236 **0 | | 12.6 | 2.5 | 100 | 100 | 6 | 2.2 | B9A | P |
| 12AD6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 5 | 3.8 | B7G | P |
| 12AD7 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2 | 250 | | 1.25 | 1.6 | B9A | TT |
| 12AE6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.6 | | 12.6 | | 0.7 | 1 | B7G | DDT |
| 12AE7 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 12.6 | | 0.9 | 6.5 | B9A | TT |
| 12AF3 | 000 230 990 0000 | 00 | *** 23* 88* | | 12.6 | | | | 120 | | B9A | R |
| 12AF6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 0.7 | 1.1 | B7G | P |
| 12AG6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 0.8 | 12 | 12 | 0.5 | | B7G | H |
| 12AH6 | 412 389 100 0000 | 00 | 412 365 100 | | 12.6 | 2 | 300 | 150 | 10 | 9 | B7G | P |
| 12AH7 | 418 158 230 0000 | 00 | 417 146 230 | | 12.5 | 3.6 | 100 | | 3.7 | 1.55 | A08 | TT |
| 12AH8 | [051 220 483 0000 | 00 | 541 227 463 | | 6 | [3 | 100 | | 14.7 | 3.5 | B9A | TH |
| 12AJ6 | 751 228 503 0000 | 00 | 412 389 600 | | 12.6 | | 250 | 100 | 2.6 | | B7G | DDT |
| 12AJ7 | 412 39X 800 0000 | 00 | 541 237 464 | | 12 | [2.5 | 100 | | 0.7 | 1.2 | B9A | TH |
| 12AK7 | 741 238 484 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | 90 | 4 | 2 | B9A | TT |
| 12AL5 | 851 228 413 0000 | 00 | | | | | 250 | | 3 | 0.6 | B9A | |
| 12AL5 | 1X2 310 900 0000 | 00 | 192 310 800 | | 12.5 | | | | 5 | | B7G | RR |
| 12AL8 | 875 238 141 0000 | 00 | 654 237 141 | | 12.6 | [0.9 | 12 | | 0.2 | 0.5 | B9A | TP |
| 12AL11 | 215 118 741 7830 | 00 | | | 12.6 | 0.8 | 12 | 12 | 25 | 8 | B9A | |
| 12AQ5 | 412 387 400 0000 | 00 | 412 365 400 | | 12.5 | 8 | 250 | 250 | 36 | 6.5 | A12 | PP |
| 12AS5 | 142 347 800 0000 | 00 | 142 345 600 | | 12 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| 12AU4 | 001 090 230 0000 | 00 | 001 080 230 | | 12 | | | | 120 | | A08 | R |
| 12AU8 | 148 231 578 0000 | 00 | 146 231 457 | | 12.6 | [150 | | | 8.5 | 4.9 | B9A | TP |
| 12AV5 | 421 080 370 0000 | 00 | 421 060 350 | | 12.6 | 22.5 | 250 | 150 | 15 | 7 | A08 | P |
| 12AV6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.5 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 12AV7 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 1 | 150 | | 18 | 8.5 | B9A | TT |
| 12AV7A | X51 239 413 0000 | 00 | 961 238 413 | | 12.6 | 0 | 100 | | 3.1 | 6.25 | B9A | TT |
| 12AW6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.5 | 1.5 | 250 | 150 | 7 | 5 | B7G | P |
| 12AX3 | 200 900 100 8030 | 00 | | | 12.6 | | | | | | A12 | D |
| 12AX4 | 001 090 230 0000 | 00 | 001 080 230 | | 12.5 | | | | 120 | | A08 | R |
| 12AX7A | 841 238 410 0000 | 00 | 741 237 410 | | 12.6 | -1 | 100 | | 0.5 | 1.25 | B9A | TT |
| 12AY3 | 090 230 901 0000 | 00 | 080 230 801 | | 12.6 | | | | 180 | | B9D | R |
| 12AY3A | 080 230 801 0000 | 00 | 060 230 601 | | 12.6 | | 32 | | 350 | | B9A | R |
| 12AY7 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 4 | 250 | | 3 | 1.7 | B9A | TT |
| 12AZ7 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 200 | | 10 | 5.5 | B9A | TT |
| 12AZ7A | X71 239 410 0000 | 00 | 941 238 410 | | 12.6 | -5 | 100 | | 3.7 | 4.0 | B9A | TT |
| 12B3 | 090 230 909 0000 | 10 | 080 230 808 | C1 | 12.6 | | | | | | B9A | R |
| 12B4 | 142 330 408 0000 | 00 | 142 330 406 | | 6 | 17.5 | 150 | | 34 | 6.4 | B9A | T |
| 12B4A | 140 230 408 0000 | 00 | 140 230 406 | | 12.6 | -17.5 | 150 | | 34 | 6.3 | B9A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|--------------|------------|------------|------------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12B6 | 028 090 310 0000 | 40 | 026 080 310 | G1 | 12.5 | 2 | 250 | | 0.9 | 1.1 | A08 | DT |
| 12B7 | 287 104 130 0000 | 00 | 265 104 130 | | 12.5 | 3 | 250 | 100 | 9.2 | 2 | B8B | P |
| 12B8 | 128 781 340 0000 | 50 | 127 561 340 | G1 | 12.5 | [1.1 3 | 100 100 | | 0.6 8 | 1.5 2.1 | A08 | TP |
| 12BA6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.5 | 1 | 250 | 100 | 11 | 4.4 | | |
| 12BA7 | 841 231 108 0000 | 00 | 641 231 106 | | 12.5 | 2 | 100 | | 18 | 7 | B7G | P |
| 12BC32 | 412 39X 800 0000 | 00 | 412 389 600 | | 12 | 2 | 250 | | 1 | 1.6 | B9A | H |
| 12BD6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.5 | 3 | 250 | 100 | 9 | 2 | B7G | DDT |
| 12BE3 | 200 900 100 9030 | 00 | | | 12.6 | | | | 120 | | A12 | P |
| 12BE6 | 412 388 100 0000 | 00 | 412 366 100 | | 12.5 | 6 | 150 | | 7.5 | 3.5 | B7G | R |
| 12BF6 | 412 3X9 800 0000 | 00 | 412 398 600 | | 12.5 | 9 | 250 | | 9.5 | 1.9 | B7G | H |
| 12BF11 | 215 017 841 7830 | 00 | 214 015 641 | A | 12.6 | [6 1.8 | 150 150 | 100 100 | 3.8 1.3 | 8.6 1 | A12 | PP |
| 12BH7 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 10.5 | 250 | | 11.5 | 3.1 | | |
| 12BH7A | X51 234 410 0000 | 00 | 841 238 410 | | 12.6 | -10.5 | 250 | | 11.5 | 3.1 | B9A | TT |
| 12BK5 | 804 231 470 0000 | 00 | 604 231 450 | | 12 | 5 | 250 | 250 | 35 | 8.5 | B9A | TT |
| 12BL6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 0.6 | 12 | 12 | 1.4 | 1.3 | B7G | P |
| 12BN6 | 142 374 800 0000 | 00 | 142 354 600 | | 12.5 | 1 | 60 | 60 | 0.5 | 1 | B7G | P |
| 12BQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 12 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 12BR7 | 841 229 X13 0000 | 00 | 641 228 913 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | DDT |
| 12BR7A | 641 228 913 | | 641 228 913 | | 6.3 | | 100 | | 3.7 | 4 | B9A | DDT |
| 12BS3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 12.6 | | | | 180 | | B9D | R |
| 12BT6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.5 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| 12BU6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.5 | 9 | 250 | | 9.5 | 1.9 | B7G | DDT |
| 12BU8 | [178 231 401 0000 170 231 581 0000 | 00] | | | 12.6 | 1 | 100 | 60 | 1 | 1.5 | B7G | PP |
| 12BV7 | 141 223 871 0000 | 00 | 141 223 651 | | 6 | 2.2 | 250 | 150 | 27 | 13 | B9A | P |
| 12BW4 | 900 230 X01 0000 | 00 | 800 230 901 | | 12 | | | | 30 | | B9A | RR |
| 12BX6 | 141 230 871 0000 | 00 | 141 230 651 | | 12.6 | 2 | 150 | 150 | 10 | 7.4 | B9A | P |
| 12BY7 | 141 223 871 0000 | 00 | 141 223 651 | | 6 | 2.1 | 250 | 150 | 25 | 12 | B9A | P |
| 12BY7A | 141 230 871 0000 | 00 | 141 230 651 | | 12.6 | -11.6 | 250 | 180 | 26 | 11.0 | B9A | P |
| 12BZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 1 | 100 | 125 | 14 | 8 | B7G | P |
| 12BZ7 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 2.5 | 3.2 | B9A | TT |
| 12C2C | 028 040 310 0000 | 00 | 026 040 310 | | 12.6 | 8 | 250 | | 9 | 2.6 | A08 | T |
| 12C5 | 142 347 800 0000 | 00 | 142 345 600 | | 12 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 12C8 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 12.5 | 3 | 250 | 125 | 10 | 1.3 | A08 | DDP |
| 12CA5 | 142 347 800 0000 | 00 | 142 345 600 | | 12 | 4.5 | 125 | 125 | 36 | 9.2 | B7G | P |
| 12CD6 | 021 040 370 0000 | 80 | 021 040 350 | | 12.6 | 55 | 150 | 150 | 75 | 7.7 | A08 | P |
| 12CK3 | 080 230 801 000 | 00 | 060 230 601 | | 12.6 | | 16 | | 250 | | B9A | R |
| 12CL3 | 080 230 801 000 | 00 | 060 230 601 | | 12.6 | | 16 | | 350 | | B9A | R |
| 12CM6 | 704 234 108 0000 | 00 | 504 234 106 | | 12 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 12CN5 | 142 347 800 0000 | 00 | 142 345 600 | | 12.6 | | 12 | 12 | 4.5 | 3.8 | B7G | P |
| 12CR5 | 174 231 741 0000 | 80 | 154 231 541 | A1 | 12.6 | 22.5 | 250 | 150 | 65 | 6 | B9A | P |
| 12CR6 | 192 387 400 0000 | 00 | 182 365 400 | | 12 | 2 | 250 | 100 | 6.9 | 2.2 | B7G | DP |
| 12CS5 | 714 234 108 0000 | 00 | 514 234 1*6 | | 12.6 | 10 | 200 | 125 | 47 | 8 | B9A | P |
| 12CS6 | 112 387 400 0000 | 00 | 112 365 400 | | 12 | 1 | 100 | 30 | 0.8 | 1.5 | B7G | P |
| 12CT8 | 841 238 751 0000 | 00 | 641 237 541 | | 12 | [1.4 1.5 | 150 200 | | 9 15 | 4.9 7 | B9A | TP |
| 12CU5 | 142 347 800 0000 | 00 | 142 345 600 | | 12 | 8 | 150 | 100 | 50 | 7.5 | | |
| 12CU6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 12 | 22 | 250 | 150 | 57 | 5.8 | A08 | P |
| 12CX6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 3 | 3.1 | B7G | P |
| 12D4 | 001 090 230 0000 | 00 | **1 *8* 230 | | 12 | | | | | | A08 | D |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|--------------|--------------|------|-------------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12D26 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 4.5 | 3.8 | B7G | P |
| 12DA6 | 041 230 871 0000 | 00 | 041 230 651 | | 12 | 1 | 200 | 100 | 12 | 4.4 | B9A | P |
| 12DB5 | 814 234 108 0000 | 00 | 614 234 1*6 | | 12.6 | 9.6 | 200 | 125 | 46 | 8 | B9A | P |
| 12DE8 | 419 238 171 0000 | 00 | 418 236 151 | | 12.6 | 0.8 | 12 | 12 | 1.3 | 1.5 | B9A | DP |
| 12DF5 | 901 22X 013 0000 | 00 | 801 229 013 | | 6.3 | | | | 30 | | B9A | RR |
| 12DF7 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 12DJ8 | 841 238 510 0000 | 00 | 641 237 410 | | 12.6 | 1.3 | 100 | | 15 | 12.5 | B9A | TT |
| 12DK5 | 141 230 871 0000 | 00 | 141 230 651 | | 12.6 | | 12 | 12 | 2 | 3.3 | B9A | P |
| 12DK6 | 412 387 100 0000 | 00 | 412 387 100 | | 12.6 | 0.9 | 125 | 125 | 12 | 9.8 | B7G | P |
| 12DK7 | 141 223 871 0000 | 00 | 141 223 651 | | 6.3 | | 12 | 12 | 6 | 5 | B9A | P |
| 12DL4 | 414 234 484 0000 | 00 | 414 234 464 | | 12 | | 150 | | 12.5 | 14 | B9A | T |
| 12LD6 | 917 238 41X 0000 | 00 | 815 236 419 | | 12.6 | 2.5 | 12 | 12 | 3.8 | 6.5 | B9A | DDP |
| 12DL8 | 914 238 71X 0000 | 00 | 814 236 519 | | 12.6 | 0.5 | 12 | 12 | 40 | 15 | B9A | DDP |
| 12DM4 | 001 090 320 0000 | 00 | 0*1 080 230 | | 12.6 | | | | 180 | | B9A | R |
| 12DM5 | 142 347 800 0000 | 00 | 142 345 600 | | 12.6 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 12DM6 | 704 234 108 0000 | 00 | | | 12 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 12DM7 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 12DQ4 | 001 090 230 0000 | 00 | | | 12.6 | | | 120 | | | A08 | R |
| 12DQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 12 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | P |
| 12DQ7 | 141 223 871 0000 | 00 | 141 223 651 | | 6 | 2.1 | 100 | 125 | 26 | 10.5 | B9A | P |
| 12DS7 | 907 238 41X 0000 | 00 | 805 236 419 | | 12.6 | 2 | 12 | 12 | 40 | | B9A | DDP |
| 12DT1 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| 12DT2 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.6 | 2 | 250 | | 1.1 | 1.6 | B7G | DDT |
| 12DT5 | 704 234 108 0000 | 00 | 504 234 1*6 | | 12.6 | 16.5 | 250 | 250 | 38 | 6.2 | B9A | P |
| 12DT6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 2.2 | 150 | 100 | 1.1 | 1.8 | B7G | P |
| 12DT7 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 12DT8 | 841 238 510 0000 | 00 | 741 236 410 | | 12.6 | 2.5 | 250 | | 10 | 5.5 | B9A | TT |
| 12DU7 | 417 238 90X 0000 | 00 | 415 236 8*9 | | 12.6 | | 12 | 12 | 12 | 6.2 | B9A | DDP |
| 12DV7 | 1X9 228 413 0000 | 00 | 198 226 413 | | 12.6 | | 12 | | 0.4 | 0.7 | B9A | DDT |
| 12DV8 | X14 238 719 0000 | 00 | 914 236 518 | | 12.6 | 1.0 | 12.6 | 12.6 | 6.8 | | B9A | DDP |
| 12DW5 | 704 234 108 0000 | 00 | 504 234 106 | | 12.6 | 22.5 | 200 | 150 | 55 | 5.5 | B9A | P |
| 12DW7 | 851 238 410 0000 | 00 | 641 337 412 | | 6.3 | [2 8.5 | 250 250 | | 1.2 10.5 | 1.6 2.2 | B9A | TT |
| 12DW8 | 851 238 419 0000 | 00 | 641 237 418 | | 12.6 | [0 0 | 12.6 12.6 | | 1.9 7.5 | 2.7 6.5 | B9A | DDT |
| 12DY8 | 517 238 184 0000 | 00 | 415 237 164 | | 12.6 | [12 12 | 12 12 | | 1.2 14 | 2 6 | B9A | TP |
| 12DZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 4.5 | 3.8 | B7G | P |
| 12DZ8 | 415 238 718 0000 | 00 | 414 236 517 | | 12 | [150 150 | 125 125 | | 0.8 45 | 1.4 7.5 | B9A | TP |
| 12E1 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 18 | 150 | 150 | 75 | 9.8 | A08 | T |
| 12E1C | 030 740 310 0000 | 80 | *30 540 210 | A1 | 6.3 | 10 | 150 | 150 | 200 | 14 | A08 | P |
| 12E4 | 751 238 584 0000 | 00 | 541 237 464 | | 12.6 | [2.6 | 200 200 | | 5.4 3.7 | | B9A | TH |
| 12E5 | 028 040 310 0000 | 00 | 026 040 310 | | 12.5 | 13.5 | 250 | | 5 | 1.4 | A08 | T |
| 12E8 | [020 048 310 0000 028 750 310 0000 | 50 50 |] 027 546 310 | G1 | 12 | 2 | 100 100 | | 3.3 3 | | A08 | TH |
| 12E14 | 030 740 210 0000 | 80 | *30 540 210 | A1 | 6.3 | 10 | 150 | 150 | 200 | 14 | A08 | P |
| 12EA6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 3.2 | 3.8 | B7G | P |
| 12EC8 | 481 238 715 0000 | 00 | 461 237 514 | | 12.6 | [12 12 | 12 12 | | 2.4 0.6 | 4.7 2 | B9A | TP |
| 12ED5 | 142 347 800 0000 | 00 | 142 345 600 | | 12.6 | 4.0 | 100 | 100 | 32 | 8.1 | B7G | P |
| 12EF6 | 028 740 310 0000 | 00 | 026 540 310 | | 12.6 | 18 | 250 | 250 | 50 | 5.0 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-------|------|------|----------|-----------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12EG6 | 412 387 400 0000 | 00 | 412 365 400 | | 12.6 | 0.8 | 12.6 | 12.6 | 0.4 | 1.0 | B7G | H |
| 12EH5 | 142 234 800 0000 | 00 | 142 345 600 | | 12.6 | 3.2 | 100 | 125 | 42 | 14.6 | B7G | P |
| 12EK6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | | 12 | 12 | 4.4 | 4.2 | B7G | P |
| 12EL6 | 482 3X9 100 1000 | 00 | 462 398 100 | | 12.6 | | 12 | | 0.7 | 1.2 | B7G | DDT |
| 12EM6 | 417 238 009 0000 | 00 | 415 236 **8 | | 12.6 | | 12 | 12 | 6 | 5 | B9A | DP |
| 12EN6 | 028 740 310 0000 | 00 | 026 540 310 | | 12.6 | 9.5 | 200 | 100 | 50 | 8.0 | A08 | P |
| 12EQ7 | 141 237 890 0000 | 00 | 141 235 680 | | 12.6 | | 100 | 100 | 9 | 3.9 | B9A | DP |
| 12ES5 | 142 380 100 0000 | 00 | 142 360 100 | | 12.6 | 1 | 200 | | 10 | 9.4 | B7G | T |
| 12EX6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 1.0 | 12 | 12 | 2.4 | 4 | B7G | P |
| 12EZ6 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 0.7 | 12 | 12 | 1.9 | 2.7 | B7G | P |
| 12F | 290 300 000 0000 | 00 | 280 300 000 | | 5 | | | | 60 | | UX4 | R |
| 12F5 | 020 800 310 0000 | 40 | 020 600 310 | G1 | 12.5 | 2 | 250 | | 0.9 | 1.5 | A08 | T |
| 12F8 | 978 23X 141 0000 | 00 | 856 239 141 | | 12.6 | 0 | 12 | 12 | 1 | 1 | B9A | DDP |
| 12F31 | 412 387 100 0000 | 00 | 412 365 100 | | 12 | 1 | 100 | 100 | 10.8 | 4.3 | B7G | P |
| 12FK6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.6 | | 12 | | 1.3 | 1.2 | B7G | DDT |
| 12FM6 | 412 3X9 800 0000 | 00 | 412 398 600 | | 12.6 | | 12 | | 1 | 1.3 | B7G | DDT |
| 12FQ8 | 858 238 481 0000 | 00 | 747 236 461 | | 12 | 1 | 200 | | 3 | 1.5 | B9A | TT |
| 12FR8 | 415 327 898 0000 | 00 | 414 325 786 | | 12.6 | [0.6 | 12 | | 1 | 1.2 |] B9A | DTP |
| 12FT6 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.6 | 0.8 | 12 | 12 | 1.9 | 2.7 | | |
| 12FX5 | 142 347 800 0000 | 00 | 142 345 600 | | 12.6 | 0 | 150 | 130 | 36 | 13.5 | B7G | P |
| 12FX8 | 758 324 181 0000 | 00 | 547 324 161 | | 12.6 | [| 12.6 | | 1.3 | 1.4 |] B9A | TH |
| | | | | | | | 12.6 | | 0.3 | 0.3 | | |
| 12G4 | 802 384 100 0000 | 00 | 602 364 100 | | 12 | 8 | 250 | | 10 | 3 | B7G | T |
| 12G7 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 12.5 | 3 | 250 | | | 1.2 | A08 | DDT |
| 12G8 | 815 228 143 0000 | 00 | 714 226 143 | | 6.3 | 12.6 | | | 7.2 | 2.6 | B9A | TT |
| 12GA6 | 412 388 100 0000 | 00 | 412 366 100 | | 12.6 | | 12.6 | | 3.6 | 2.4 | B7G | O |
| 12GB3 | 020 740 310 0000 | 80 | *2* 540*310 | A1 | 12.6 | 7.7 | 100 | 100 | 100 | 14 | A08 | P |
| 12GB6 | 020 740 080 0000 | 80 | 020 540 070 | A1 | 12.6 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 12GB7 | 020 740 310 0000 | 80 | 020 540 310 | A | 12.6 | 7.7 | 100 | 100 | 100 | 14 | A08 | P |
| 12GC6 | 217 434 000 0000 | 80 | 215 434 000 | A | 12.6 | 0 | 250 | 150 | 75 | 6.6 | UX6 | P |
| 12GE5 | 274 100 800 1430 | 00 | | | 12.6 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 12GE8 | 274 100 800 1430 | 00 | | | 12.6 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 12GJ5 | 741 234 700 0000 | 80 | 541 234 5** | A1 | 12.6 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 12GK17 | 001 090 230 0000 | 00 | 001 080 230 | | 12.6 | | | | 120 | | A08 | R |
| 12GN6 | 412 387 900 0000 | 00 | 412 365 800 | | 12.6 | 68 | 250 | 100 | 11 | 4.4 | B7G | DP |
| 12GN7 | 111 230 871 0000 | 00 | 141 230 651 | | 12.6 | 2 | 250 | 150 | 28 | 36 | B9A | P |
| 12GT5 | 741 324 708 0000 | 00 | 541 324 5*6 | | 12.6 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 12GV5 | 207 140 704 1730 | 80 | | | 12.6 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 12GW6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 12.6 | 22.5 | 250 | 150 | 70 | 7.1 | A08 | P |
| 12H1C | 418 158 230 0000 | 00 | 416 147 230 | | 12.6 | 6.5 | 200 | | 7.6 | 1.9 | A08 | TT |
| 12H4 | 823 384 100 0000 | 00 | 623 364 100 | | 6 | 8 | 250 | | 9 | 2.6 | B7G | T |
| 12H6 | 02X 190 310 0000 | 00 | 029 180 310 | | 12.5 | | | | | | A08 | TT |
| 12H10C | 084 581 230 0000 | 00 | 064 471 230 | | 12.6 | 2 | 250 | | 2 | 1.3 | A08 | TT |
| 12H31 | 412 387 400 0000 | 00 | 412 365 400 | | 12.6 | | 100 | 100 | 2.8 | 0.4 | B7G | H |
| 12HE7 | 290 180 014 0730 | 00 | | | 12.6 | [22 | 125 | 125 | 60 | 8.8 |] A12 | RP |
| 12HG7 | 141 230 871 0000 | 00 | 141 230 651 | | 12.6 | 0 | 400 | 0 | 31 | 32.0 | | |
| 12HL7 | 141 230 856 0000 | 00 | 141 230 645 | | 12.6 | 0 | 400 | 0 | 25 | 21.0 | B9A | P |
| 12J5 | 028 040 310 0000 | 00 | 026 040 310 | | 12 | 8 | 250 | | 9 | 2.6 | A08 | T |
| 12J7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 12.5 | 3 | 250 | 100 | 2 | 1.225 | A08 | P |
| 12J8 | 417 238 19X 0000 | 00 | 415 236 189 | | 12.6 | | 12 | 12 | 12 | 5.5 | B9A | DDP |
| 12JB6 | 741 234 710 0000 | 80 | 541 234 51* | A1 | 12.6 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|------|--|------------|------------|----------|--------------------------|------------|---------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12JB6A | 741 234 710 0000 | 80 | 541 234 510 | A | 12.6 | [-22.5 0 60 150 22.5 250 150] | 150 150 | 1.0 | 7.1 | | B9A | P |
| 12JN6 | 217 100 800 1430 | 00 | | | 12.6 | | | | | | A12 | P |
| 12JN8 | 481 238 715 0000 | 00 | 481 238 715 | | 12.6 | [1 125 1 125 125 -225 150 150] | 12 13.5 | 7.5 8.5 | | | B9A | TP |
| 12JQ6 | 741 231 708 0000 | 00 | 541 231 506 | | 12.6 | | | | | | B9A | P |
| 12JT6 | 741 231 708 0000 | 00 | 541 231 5*6 | | 12.6 | [0 60 150 22.5 250 150] | 390 70 | 7.1 | | | B9D | P |
| 12K5 | 142 377 800 0000 | 00 | 142 355 600 | | 12.6 | | | | | | B7G | P |
| 12K7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 12.5 | 2 | 12 | 8 | 7 | | A08 | P |
| 12L6 | 028 740 310 0000 | 00 | 026 540 310 | | 12 | 3 | 250 | 125 | 10.5 | 1.65 | | |
| 12L8 | 514 872 380 0000 | 00 | 414 752 360 | | 12.5 | 8.25 | 200 | 125 | 46 | 8 | A08 | P |
| 12M7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 12 | 9 | 200 | 175 | 13 | 2.1 | A08 | PP |
| 12M71 | 271 084 130 0000 | 00 | 251 064 130 | | 12.6 | 2.5 | 100 | 100 | 6 | 2.2 | A08 | P |
| 12MD8 | XY9 234 156 0000 | 00 | 996 234 144 | | 12.6 | 15 | 200 | 200 | 0.3 | 10.5 | B8B | TI |
| 12NK7 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 12.5 | 0 | 330 | | 11.5 | 3.1 | | TTT |
| 12P1 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 2 | 250 | 100 | 5 | 2.3 | A08 | P |
| 12P2 | 412 387 100 0000 | 00 | 412 365 100 | | 12.6 | 68 | 250 | 100 | 11 | 4.4 | B7G | P |
| 12R5 | 142 347 800 0000 | 00 | 142 345 600 | | 12.6 | 68 | 250 | 150 | 10.6 | 5.2 | B7G | P |
| 12RK19 | 000 230 009 0000 | 10 | *** 23* **8 | C | 12.6 | 8.5 | 100 | 100 | 40 | 7 | B7G | P |
| 12RLL3 | 841 228 513 0000 | 00 | 641 227 413 | | 12.6 | | 150 | | 10 | 5.5 | B9A | TT |
| 12S8 | Y19 X18 230 0000 | 40 | 118 916 230 | G1 | 12.5 | 2 | 250 | | 0.9 | 1.1 | A08 | DDDT |
| 12SA7 | 128 841 340 0000 | 00 | 126 641 340 | | 12.5 | 3.6 | 100 | | 12 | 4.3 | A08 | H |
| 12SF5 | 014 080 320 0000 | 00 | 014 060 320 | | 12.5 | 2 | 250 | | 0.9 | 1.5 | A08 | T |
| 12SF7 | 041 798 230 0000 | 00 | 041 586 230 | | 12.5 | 1 | 250 | 100 | 19.9 | 2 | A08 | DP |
| 12SG7 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 1 | 250 | 125 | 11.8 | 4.7 | A08 | P |
| 12SH7 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 1 | 250 | 150 | 10.8 | 4.9 | A08 | P |
| 12SJ7 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 3 | 250 | 100 | 3 | 1.65 | A08 | P |
| 12SK7 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 3 | 250 | 100 | 9.2 | 2 | A08 | P |
| 12SL7 | 481 581 230 0000 | 00 | 461 471 230 | | 12.5 | 2 | 250 | | 2.5 | 1.6 | A08 | TT |
| 12SN7 | 481 581 230 0000 | 00 | 461 471 230 | | 12.5 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 12SQ7 | 041 9X8 230 0000 | 00 | 941 896 230 | | 12.5 | 2 | 250 | | 0.9 | 1.1 | A08 | DDT |
| 12SR7 | 041 X98 230 0000 | 00 | 041 986 230 | | 12.5 | 9 | 250 | | 9.5 | 1.9 | A08 | DDT |
| 12SS7 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 3 | 250 | 100 | 9 | 1.85 | A08 | P |
| 12SW7 | 041 X98 230 0000 | 00 | 041 986 230 | | 12.5 | 9 | 250 | | 9.5 | 1.9 | A08 | DDT |
| 12SX7 | 581 481 230 0000 | 00 | 471 461 230 | | 12.5 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 12SY7 | 128 841 340 0000 | 00 | 126 641 340 | | 12.5 | 1 | 100 | | 22 | 4.5 | A08 | H |
| 12TE8 | 528 748 310 0000 | 00 | 427 546 310 | | 12 | [100 250 100] | 3.4 3.7 | | | | A08 | TH |
| 12TE9 | [508 230 450 0000 071 238 550 0000] | [00 00] | 651 237 440 | | 12 | | | | | | B9A | TH |
| 12T10 | 215 017 841 7830 | 00 | | | 12.6 | [8 1.9 250 250 150 100] | 37 | | 6.5 1 | | A12 | PP |
| 12U5 | 284 713 000 0000 | 00 | 264 513 000 | | 12.6 | | | | | | UX6 | TI |
| 12U7 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 22 | 250 | 250 | 0.2 | 11.0 | B9A | TT |
| 12V6 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 12 | 12 | | 1.2 | 1 | A08 | P |
| 12W6 | 028 740 310 0000 | 00 | 026 540 310 | | 12 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| 12WC5 | 287 414 300 0000 | 00 | 265 414 300 | | 12 | 9.5 | 150 | 150 | 58 | 8.0 | A08 | P |
| 12X3 | 210 300 000 0000 | 90 | 210 300 000 | D1 | 12.5 | 1.5 | 250 | 100 | | | UX7 | P |
| 12X4 | 902 30X 100 0000 | 00 | 802 309 100 | | 12.5 | | | | 60 30 | | UX4 B7G | R RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 12Y4 | 9X2 310 000 0000 | 00 | 892 310 000 | | 12 | | | | 31 | | UX4 | RR |
| 12Z3 | 291 300 000 0000 | 00 | 281 300 000 | | 12.6 | | | | 30 | | UX4 | R |
| 12Z4 | 291 300 000 0000 | 00 | 281 300 000 | | 12.5 | | | | 60 | | UX4 | R |
| 12Z5 | 291 31X 200 0000 | 00 | 281 319 200 | | 6 | | | | 30 | | UX7 | RR |
| 12ZDH3A | 284 913 000 0000 | 00 | 264 813 000 | | 12 | 2 | 250 | | 1.5 | 1.5 | UX6 | DT |
| 12ZP1A | 287 413 000 0000 | 00 | 265 413 000 | | 12 | 9 | 200 | 200 | 30 | 2.3 | UX6 | P |
| 13 | 2X9 300 000 0000 | 00 | 298 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 13BCIU | 208 091 X30 0000 | 40 | 206 081 930 | G1 | 2.5 | 1.8 | 200 | | 3 | 2 | B8B | DDT |
| 12BF2U | 208 791 X30 0000 | 40 | 206 581 930 | G1 | 12.5 | 2.1 | 200 | 200 | 5 | 2 | B8B | DDP |
| 13CM5 | 020 740 310 0000 | 80 | 020 540 310 | A | 12.8 | | 100 | 100 | 100 | 14 | A08 | P |
| 13D5 | 851 238 410 0000 | 00 | 751 226 413 | | 6.3 | 8.5 | 250 | | 1.6 | | B9A | TT |
| 13D7 | 148 231 085 000 | 00 | 146 231 074 | | 6.3 | | 250 | | 2.2 | 3.3 | B9A | TT |
| 13D8 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 13D9 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | 2 | 200 | | | 5.7 | B9A | TT |
| 13DE7 | 855 238 410 0000 | 00 | 644 237 410 | | 13 | [11 | 250 | | 5.5 | 2 | B9A | TT |
| 13DHA | X09 231 800 0000 | 40 | 908 231 600 | G1 | 13 | 17.5 | 150 | | 32 | 6.5 | | |
| 13DR7 | 855 238 410 0000 | 00 | 644 237 410 | | 13 | 1.5 | 250 | | 1 | 1.5 | B7 | DDT |
| 13E1 | 204 178 300 0000 | 00 | 2*4 156 300 | | 13 | [3 | 250 | | 1.4 | 1.6 | B9A | TT |
| 13E12 | 204 178 300 0000 | 00 | 2*4 156 300 | | 13 | 17.5 | 150 | | 35 | 6.5 | | |
| 13EM7 | 581 481 230 0000 | 00 | 471 461 230 | | 13 | 3 | 250 | | 1.4 | 1.6 | B9A | TT |
| 13F7 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 3 | 3.1 | 8SC | P |
| 13F9U | 208 701 130 0000 | 40 | 206 501 130 | G1 | 12.5 | 2.6 | 200 | 200 | 6.2 | 2.2 | B8B | P |
| 13FD7 | 855 238 411 0000 | 00 | 644 237 411 | | 6.3 | [17.5 | 250 | | 6 | 1.6 | B9A | TT |
| 13FG7 | 141 238 085 0000 | 00 | 141 236 074 | | 13 | [20 | 150 | | 45 | 7.5 | | |
| 13FM7 | 205 080 151 4830 | 00 | | | 13 | [3 | 250 | 2 | 2.2 | | A12 | TT |
| 13FR7 | 855 238 411 0000 | 00 | 644 237 411 | | 13 | [25 | 175 | 40 | 6 | 1.4 | B9A | TT |
| 13GB5 | 441 237 710 0000 | 80 | 441 235 510 | A | 13.0 | [3 | 250 | | 1.4 | 1.6 | B9A | TT |
| 13GF7 | 151 238 084 0000 | 00 | 541 237 064 | | 13 | [20 | 150 | | 50 | 7.2 | B9D | TT |
| | | | | | | 3 | 250 | | 1.4 | 1.6 | | |
| 13H1 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 3 | 2 | 200 | 100 | 3 | 2 | 8SC | P |
| 13H2 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 3 | 200 | 100 | 8.2 | 1.8 | 8SC | P |
| 13J10 | 271 817 418 0530 | 00 | | | 13.2 | [8 | 100 | 100 | 35 | 6.5 | A12 | TP |
| 13M4V | 208 747 132 0000 | 00 | 206 540 130 | | 12.6 | [4.2 | 200 | 200 | | †1.0 | A08 | TI |
| 13SPA | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 12.5 | 200 | 200 | | †1.0 | | |
| 13V1 | 013 19X 780 0000 | 40 | 013 189 560 | G1 | 13 | 3 | 200 | 100 | 2.3 | 1.7 | B7 | P |
| 13VPA | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 8.5 | 200 | 200 | 45 | 4.4 | 8SC | DDP |
| 14 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 13 | 3 | 200 | 100 | 7 | 1.8 | B7 | P |
| | | | | | 14 | 3 | 250 | 90 | 4 | 1 | UX5 | P |
| 14A4 | 280 004 130 0000 | 00 | 260 0*4 130 | | 12.5 | 8 | 250 | | 9 | 2.6 | B8B | T |
| 14A5 | 287 004 130 0000 | 00 | 265 004 130 | | 12.5 | 12.5 | 250 | 250 | 30 | 3 | B8B | P |
| 14A7 | 287 104 130 0000 | 00 | 265 104 130 | | 12.5 | 3 | 250 | 100 | 9.2 | 2 | B8B | P |
| 14AF4 | 218 458 130 0000 | 00 | 216 447 130 | | 12 | 10 | 250 | | 9 | 2.1 | B8B | TT |
| 14B6 | 284 09X 130 0000 | 00 | 264 *89 130 | | 12.5 | 2 | 250 | | 0.9 | 1.1 | B8B | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|-----------------|-------------------|-----|------------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 14B8 | 287 474 130 0000 | 00 | 265 454 130 | | 12.5 | 2 | 250 | 100 | | 1.1 | B8B | H |
| 14C5 | 287 004 130 0000 | 00 | 265 004 130 | | 12.5 | 12.5 | 250 | 250 | 47 | 4.1 | B8B | P |
| 14C7 | 287 114 130 0000 | 00 | 265 114 130 | | 12.5 | 3 | 250 | 100 | 2.2 | 1.5 | B8B | P |
| 14E6 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 12.5 | 8 | 250 | | 9.3 | 1.9 | B8B | DDT |
| 14E7 | 28X 974 130 0000 | 00 | 269 854 130 | | 12.5 | 3 | 250 | 100 | 7.5 | 1.3 | B8B | DDP |
| 14F6 | 028 740 310 0000 | 00 | 026 540 310 | | 14 | 16.5 | 250 | 250 | 35 | 2.5 | A08 | P |
| 14F7 | 218 548 130 0000 | 00 | 217 446 130 | | 12.5 | 2 | 250 | | 2.3 | 1.6 | B8B | TT |
| 14F8 | 528 118 340 0000 | 00 | 427 116 340 | | 12.5 | 3 | 250 | | 6 | 3.3 | B8B | TT |
| 14GT8 | 191 23X 148 0000 | 00 | 181 239 146 | | 14 | 3 | 250 | | 0.7 | 1.0 | | DDT |
| 14GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 14.7 | [1.7 7 | 250 250 | | 1.2 36 | 1.6 10 | B9A | TP |
| 14H7 | 287 114 130 0000 | 00 | 265 114 130 | | 12.5 | 2 | 250 | 150 | 10 | 4.2 | B8B | P |
| 14J7 | [208 405 130 0000 280 575 130 0000 | [00 00 | [276 454 130 | | 12.5 | [3 3 | 150 250 | | 6.6 100 | 1.4 1.4 | B8B | TH |
| 14JG8 | 191 23X 148 0000 | 00 | 181 239 146 | | 14 | 2 | 250 | | 2 | 2.2 | B9A | DDT |
| 14K7 | [208 405 130 0000 280 575 130 0000 | [00 00 | [276 454 130 | | 14 | [2 2 | 100 200 | | 6.4 90 | 2.2 2.7 | B8A | TH |
| 14L7 | 284 0X9 130 0000 | 00 | 264 098 130 | | 14 | 1.6 | 200 | | 15 | 1.65 | B8A | DDT |
| 14N7 | 218 548 130 0000 | 00 | 217 446 130 | | 12.5 | 8 | 250 | | 9 | 2.6 | B8B | TT |
| 14Q7 | 288 414 130 0000 | 00 | 266 414 130 | | 12.5 | 2 | 100 | | 15 | 6 | B8B | H |
| 14R7 | 28X 974 130 0000 | 00 | 269 854 130 | | 12.5 | 1 | 250 | 100 | 6.2 | 3.4 | B8B | DDP |
| 14S7 | [208 405 130 0000 280 575 130 0000 | [00 00 | [276 454 130 | | 12.5 | [1 2 | 100 250 | | 4.8 100 | 1.4 4 | B8B | TH |
| 14V7 | 287 104 130 0000 | 00 | 265 104 130 | | 12.5 | 2 | 300 | 150 | 9.6 | 5.8 | B8B | P |
| 14W7 | 287 114 130 0000 | 00 | 265 114 130 | | 12.5 | 2.2 | 300 | 150 | 10 | 5.8 | B8B | P |
| 14X7 | 284 19X 130 0000 | 00 | 264 189 130 | | 12.5 | 1 | 250 | | 1.9 | 1.5 | B8B | DDT |
| 14Y4 | 209 00X 130 0000 | 00 | 208 009 130 | | 12.5 | | | | 30 | | B8B | RR |
| 14Z3 | 291 300 000 0000 | 00 | 281 300 000 | | 12.5 | | | | 60 | | UX4 | R |
| 15 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 33 | 250 | | 22 | 2.35 | UX4 | T |
| 15 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 1.5 | 150 | 75 | 1.85 | 0.75 | UX5 | P |
| 15A2 | 847 231 800 0000 | 00 | 645 231 700 | G1 | 4 | [20 3 | 200 250 | | 4 100 | | B7 | H |
| 15A6 | 471 231 800 0000 | 00 | 451 231 600 | | 15 | 2.9 | 200 | 175 | 36 | 10 | B9A | P |
| 15A8 | 124 571 380 0000 | 80 | 124 451 360 | A2 | 15 | [8 7.5 | 250 100 | | 9 100 | 2.6 45 | A08 | TP |
| 15AF11 | 285 814 181 7630 | 00 | | | 6.3 | [2 2 3 | 200 200 200 | | 7 9.2 150 | 5.5 4.4 24 | A12 | TTP |
| 15BD7A | 841 239 0X0 0000 | 00 | 641 238 090 | | 15 | 1.5 | 200 | | 1.5 | 1.6 | B9A | DDT |
| 15BD11 | 285 814 181 7630 | 00 | | | 6.3 | [2 2 2.1 | 200 200 150 | | 7.0 9.2 17 | 5.5 4.4 10.4 | A12 | TTP |
| 15CW5 | 071 230 807 0000 | 00 | *51 23* 6*5 | | 15 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| 15D1 | 847 231 800 0000 | 00 | 645 231 700 | G1 | 13 | [20 3 | 200 250 | | 4 100 | | B7 | H |
| 15DQ8 | 481 238 157 0000 | 00 | 461 237 145 | | 15 | [1.7 2.9 | 200 200 | | 3.0 150 | 4.0 11 | B9A | TP |
| 15E | 280 701 300 0000 | 40 | 260 501 300 | G1 | 2 | | 150 | 75 | 1.8 | 0.7 | B7G | P |
| 15EA7 | 481 581 230 0000 | 00 | 461 471 230 | | 14.8 | 25 | 200 | | 48 | 6.5 | A08 | TT |
| 15EW6 | 412 387 100 0000 | 00 | 412 365 100 | | 15 | | 150 | 120 | 11 | 14 | B7G | P |
| 15F80 | 741 231 800 0000 | 00 | 541 231 600 | | 15 | | 200 | 200 | 36 | 10 | B9A | P |
| 15FM7 | 205 080 151 4830 | 00 | | | 14.8 | [3 25 | 250 175 | | 2 40 | 2.2 6 | A12 | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|---------------|------------|------------|-----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 15FY7 | 205 080 101 4830 | 00 | | | 14.7 | [3 17.5 | 250 150 | | 1.4 35 | 1.6 6.5 | A12 | TT |
| 15HB6 | 141 237 871 0000 | 00 | | | 14.7 | 4.6 | 250 | 250 | 40 | 20 | B9A | P |
| 15KY8 | 151 238 784 0000 | 00 | 141 237 564 | | 15 | [3 10 | 250 150 | 100 | 1.4 39 | 1.6 8.4 | B9D | TP |
| 15KY8A | 151 238 784 0000 | 00 | 141237 564 | | 15 | [3 10 | 250 150 | 100 | 1.4 39 | 1.6 8.4 | B9D | TP |
| 15LE8 | [811 230 174 0000 011 238 174 0000 | 00] | 011 236 154 | | 15 | 2.5 | 100 | 100 | 8 | 5.8 | B9A | PP |
| 15TP7 | 481 238 157 0000 | 00 | 461 237 145 | | 15 | [1.7 2.9 | 200 200 | 200 | 3 18 | 4 10.4 | B9A | TP |
| 15X6 | 02X 190 310 0000 | 00 | 029 180 310 | | 25 | | | | 30 | | A08 | RR |
| 15YF7 | 205 080 101 4830 | 00 | | | 14.7 | [3 17.5 | 250 150 | | 1.4 35 | 1.6 6.5 | A12 | TT |
| 16 | 290 300 000 0000 | 00 | 280 300 000 | | 7.5 | | | | 60 | | UX4 | R |
| 16A5 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 16 | 14.2 | 200 | 200 | 45 | 7.5 | B9A | P |
| 16A8 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [1.5 11.5 | 200 200 | 200 | 1.7 41 | 2.4 7.5 | B9A | TP |
| 16AQ3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 16.4 | | | | 180 | | B9A | R |
| 16B | 290 300 000 0000 | 00 | 280 300 000 | | 7.5 | | | | 60 | | UX4 | R |
| 16CN8 | 414 235 718 0000 | | 414 237 516 | | 16 | [1 16 | 100 200 | 200 | 3.3 35 | 3.6 6.4 | B9A | TP |
| 16DS4 | 080 400 010 2030 | 00 | | | 6.3 | | 100 | | 6.5 | 9 | NV | T |
| 16GK6 | 141 230 871 0000 | 00 | 141 230 651 | | 16 | 7.4 | 250 | 250 | 48 | 11.3 | B9A | P |
| 16GK8 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [| 200 250 | 250 | 10 30 | 3.4 7.5 | B9A | TP |
| 16GY5 | 207 140 704 1730 | 80 | | | 15.8 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 16KA6 | 207 140 000 1030 | 80 | | | 15.8 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 16L40 | 041 230 807 0000 | 00 | 041 230 605 | | 16 | 14.2 | 200 | 200 | 45 | 7.6 | B9A | P |
| 16N8 | 415 238 718 0000 | 00 | 414 237 516 | | 15 | [| 100 200 | 200 | 3.3 35 | 3.6 6.4 | B9A | TP |
| 16TP6 | 151 234 887 0000 | 00 | 141 234 675 | | 16 | [| 100 200 | 175 | 3.5 41 | 2.5 7.5 | B9A | TP |
| 17 | 284 130 000 0000 | 00 | 264 130 000 | | 14 | 6 | 90 | | 2.7 | 0.8 | UX5 | T |
| 17AV5 | 421 080 370 0000 | 00 | 421 060 350 | | 16 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 17AX3 | 200 900 100 8030 | 00 | | | 16.3 | | | | | | A12 | D |
| 17AX4 | 001 090 230 0000 | 00 | 001 080 230 | | 16.8 | | | | 120 | | A08 | R |
| 17AY3 | 090 230 910 0000 | 00 | *8* 23* 810 | | 16.8 | | | | 120 | | B9D | R |
| 17AY3A | 080 230 801 0000 | 00 | 060 230 601 | | 16.8 | | 32 | | 350 | | B9A | R |
| 17BE3 | 200 900 100 9030 | 00 | | | 16.8 | | | | 120 | | A12 | R |
| 17BE11 | 215 017 841 7830 | 00 | | | 16.8 | [6 1.8 | 150 150 | 100 100 | 38 1.3 | 8.6 1 | A12 | PP |
| 17BH3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 17 | | | | 180 | | B9D | R |
| 17BH3A | 080 230 801 0000 | 00 | 060 230 601 | | 17.0 | | 32 | | 350 | | B9A | R |
| 17BQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 17 | 22.5 | 250 | 150 | 75 | 6.6 | A08 | P |
| 17BS3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 16.8 | | | | 120 | | B9D | R |
| 17BS3A | 080 230 801 0000 | 00 | 060 230 601 | | 16.8 | | 12 | | 140 | | B9A | R |
| 17C5 | 142 347 800 0000 | 00 | 142 345 600 | | 16 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 17C8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 2 | 200 | 125 | 5 | 2.2 | B9A | DDP |
| 17C9 | 478 231 578 1000 | 00 | | | 16.8 | 1 | 125 | 75 | 10 | 8 | A10 | PP |
| 17CA5 | 142 347 800 0000 | 00 | 142 345 600 | | 16.8 | 4.0 | 100 | 100 | 32 | 8 | B7G | P |
| 17CK3 | 080 230 801 0000 | 00 | 060 230 601 | | 16.8 | | 16 | | 250 | | B9A | R |
| 17CT3 | 080 230 001 0000 | 00 | 060 230 001 | | 16.8 | | 16 | | 350 | | B9A | R |
| 17CU5 | 142 347 800 0000 | 00 | 142 345 600 | | 16.8 | 7.5 | 100 | 100 | 49 | 7.3 | B7G | P |
| 17D1 | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 13 | 3 | 250 | 125 | 9 | 1.1 | B7 | DDP |
| 17D4 | 001 090 230 0000 | 00 | **1 *8* 230 | | 16.8 | | | | 145 | | A08 | D |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-------|-----|----------------|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 17D4A | 001 090 230 0000 | 00 | **1 *8* 230 | | 16.8 | | | | 180 | | A08 | R |
| 17DA4 | | | 001 080 230 | | 16.8 | | | | 120 | | A08 | R |
| 17DE4 | 001 090 230 0000 | 00 | 001 080 230 | | 17 | | | | 120 | | A08 | R |
| 17DM4 | 001 090 230 0000 | 00 | 001 080 230 | | 16.8 | | | | 180 | | A08 | R |
| 17DM4A | 018 230 000 0000 | 00 | 016 230 000 | | 16.8 | | 35 | | 400 | | B5-85 | R |
| 17DQ4 | 001 090 230 0000 | 00 | | | 16.8 | | | | 120 | | A08 | R |
| 17DQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 16 | 22.5 | 250 | 150 | 75 | 6 | A08 | P |
| 17EW8 | 851 238 410 0000 | 00 | 741 236 410 | | 17 | 1.1 | 100 | | 4.5 | 4.6 | B9A | TT |
| 17F6 | 041 230 887 0000 | 00 | 041 230 665 | | 17 | 23 | 250 | 200 | 53 | 5.0 | B9A | P |
| 17FL8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 1.5 | 200 | 100 | 11 | 4.5 | B9A | DDP |
| 17GJ5 | 741 234 700 0000 | 80 | 541 234 5** | A1 | 16.8 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| | | | | | | -22.5 | 150 | 150 | 390 | | | |
| 17GJ5A | 741 234 700 0000 | 80 | 541 234 500 | A | 16.8 | -22.5 | 250 | 150 | 70 | 7.1 | B9A | P |
| 17GE5 | 274 100 800 1430 | 00 | | | 16.8 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 17GT5 | 741 234 708 0000 | 00 | 541 234 506 | | 16.8 | 42 | 250 | 150 | 70 | 7.1 | B9A | P |
| 17GT5A | 741 234 708 0000 | | 541 234 506 | | 16.8 | -22.5 | 250 | 150 | 70 | 7.1 | B9A | P |
| 17GV5 | 207 140 704 1730 | 80 | | | 16.8 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 17GW6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 16.8 | 22.5 | 250 | 150 | 70 | 7.1 | B8A | P |
| 17GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 16.8 | 1.7 | 250 | | 1.2 | 1.6 | B9A | TP |
| | | | | | | 7.0 | 250 | 250 | 36 | 10 | | |
| 17H3 | 109 230 090 0000 | 00 | 108 230 080 | | 17.5 | | | | 60 | | B9A | D |
| 17HC8 | 415 238 718 0000 | 00 | 414 237 516 | | 16.8 | 3 | 250 | | 1.4 | 2 | B9A | TP |
| | | | | | | 18 | 250 | 250 | 38 | 5.1 | | |
| 17JB6 | 741 234 710 0000 | 80 | 541 234 51* | A1 | 16.8 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 17JG6 | 741 231 708 0000 | 00 | 541 231 5*6 | | 16.8 | | 150 | 100 | 80 | 10 | B9D | P |
| 17JK8 | 851 238 410 0000 | 00 | 714 236 410 | | 16.8 | 1.0 | 100 | | 5.3 | 6.8 | B9A | TT |
| | | | | | | 1.3 | 150 | | 10 | 13 | | |
| 17JM6 | 217 140 000 1030 | 80 | | | 16.8 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 17JN6 | 217 100 800 1430 | 00 | | | 16.8 | 22.5 | 250 | 150 | 65 | 7.3 | A12 | P |
| 17JQ6 | 807 231 441 0000 | 00 | 605 231 441 | | 17.0 | -18 | 425 | [120 140] | 35 | 4.2 | B9A | P |
| 17JR6 | 741 231 708 0000 | 00 | 541 231 506 | | 16.8 | -20 | 130 | 125 | 45 | 7.0 | B9A | P |
| 17JT6 | 741 231 708 0000 | 00 | 541 231 5*6 | | 16.8 | 22.5 | 250 | 150 | 70 | 7.1 | B9D | P |
| 17JZ8 | 280 805 571 4130 | 00 | | | 16.8 | 5 | 150 | | 5.5 | 2.3 | A12 | TP |
| | | | | | | 8 | 125 | 100 | 46 | 7.1 | | |
| 17JZ8 | 280 805 571 4130 | 00 | | | 16.8 | 5 | 150 | | 3.3 | 1.9 | A12 | TP |
| | | | | | | 8 | 125 | 100 | 44 | 7.1 | | |
| 17KV6 | 741 231 708 0000 | 00 | 541 231 506 | | 16.8 | -24.5 | 140 | 140 | 80 | 9.5 | B9A | P |
| 17L6 | 028 740 310 0000 | 00 | 026 540 310 | | 16.8 | 7.0 | 100 | 100 | 49 | 8 | A08 | P |
| 17LD8 | 151 238 784 0000 | 00 | 101 236 564 | | 16.8 | 5 | 150 | | 3.3 | 1.9 | B9A | TP |
| | | | | | | 8 | 125 | 100 | 44 | 7.1 | | |
| 17N8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 2 | 200 | 75 | 5 | 2.2 | B9A | DDP |
| 17R5 | 142 347 800 0000 | 00 | 142 345 600 | | 16.8 | 8.5 | 100 | 100 | 40 | 7 | B7G | P |
| 17R7 | 000 230 009 0000 | 10 | *** 23* **8 | C | 17 | | | | 120 | | B9A | R |
| 17W6 | 028 740 310 0000 | 00 | 026 540 310 | | 16.8 | 9 | 200 | 125 | 46 | 8 | A08 | P |
| 17X10 | 271 817 418 0530 | 00 | | | 16.8 | 6 | 125 | 100 | 0.2 | | A12 | PP |
| | | | | | | | 150 | 100 | 38 | 8.6 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|----------------|------------|-----|-------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 17Z3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 17 | | | | 120 | | B9A | R |
| 18 | 287 413 000 0000 | 00 | 265 413 000 | | 14 | 16.5 | 250 | 250 | 34 | 2.5 | UX6 | P |
| 18A5 | 421 080 370 0000 | 00 | 421 060 350 | | 18 | 17 | 200 | 125 | 40 | 4.8 | A08 | P |
| 18AK5 | 412 387 100 0000 | 00 | 412 365 100 | | 18 | 2.5 | 150 | 125 | 7.7 | 5.1 | B7G | P |
| 18AQ5 | 412 387 100 0000 | 00 | 412 365 100 | | 18 | 7.2 | 150 | 175 | 28 | 3.5 | B7G | P |
| 18C51 | 214 808 513 0000 | 00 | 214 607 413 | | 18 | 2 | 150 | | 8.2 | 5.5 | B9A | TT |
| 18D2 | [841 238 715 0000 811 238 715 0000] | 00 | 641 237 514 | | 9.5 | [1.8 1.6] | 150 200 | | 12.5 10 | 10 | B9A | TP |
| 18D3 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [1 2] | 150 150 | | 18 7 | 8.5 11 | B9A | TP |
| 18DG6 | 412 387 100 0000 | 00 | 412 365 100 | | 18 | 1 | 100 | 100 | 5 | 4.3 | B7G | P |
| 18DZ8 | 415 238 718 0000 | 00 | 414 237 516 | | 18 | [100 150] | | | 0.8 45 | 1.4 7.5 | B9A | TP |
| 18F24 | 281 174 130 0000 | 00 | 261 154 130 | | 18 | 2.1 | 250 | 200 | 15 | 10.5 | A08 | P |
| 18FW6 | 412 387 100 0000 | 00 | 412 365 100 | | 18 | 1 | 100 | 100 | 11 | 4.4 | B7G | P |
| 18FX6 | 412 387 100 0000 | 00 | 412 365 100 | | 18 | | 100 | 100 | 24 | 7 | B7G | O |
| 18FX6A | 412 387 100 000 | 00 | 412 365 100 | | 18.0 | 0 | 150 | 100 | 2.3 | 7.0 | B7G | P |
| 18FY6 | 412 39X 800 0000 | 00 | 412 389 600 | | 18 | 1 | 100 | | 0.6 | 1.3 | B7G | DDT |
| 18FY6A | [412 300 800 0000 002 3X0 000 0000] | 00 | 412 300 600 002 398 000 | | 18.0 | -1 | 100 | | 0.6 | 1.3 | B7G | DDT |
| 18GD6 | 141 230 871 0000 | 00 | 141 230 651 | | 18 | | 100 | 100 | 5 | 4.3 | B9A | P |
| 18GD6A | 412 387 100 0000 | 00 | 412 365 100 | | 18.0 | -4.7 | 100 | 100 | 5 | 4.3 | B7G | P |
| 18GE6 | 142 380 100 0000 | 00 | 142 360 100 | | 18 | 1 | 100 | | 1 | 1.7 | B7G | T |
| 18GV8 | 841 238 715 0000 | 00 | 641 237 514 | | 18 | [0.85 15] | 100 175 | | 5 41 | 5.5 7 | B9A | TP |
| 18HB8 | 418 237 815 0000 | 00 | 416 235 714 | | 18 | [100 100] | | 100 | 2.5 32 | 3.9 6.2 | B9A | TP |
| 18J6 | 882 345 100 0000 | 00 | 672 344 100 | | 18 | 1 | 100 | | 6.5 | 5 | B7G | TT |
| 19 | 384 582 000 0000 | 00 | 364 472 000 | | 2 | 3 | 150 | | 1.7 | | UX6 | TT |
| 19A3 | 002 293 100 0000 | 00 | 002 283 100 | | 9.5 | | | | 60 | | B7G | R |
| 19AJ8 | 751 238 584 0000 | 00 | 541 237 164 | | 19 | [3 2] | 100 250 | | 5 6.5 | 2.3 2.4 | B9A | TH |
| 19AQ5 | 412 387 400 0000 | 00 | 412 365 400 | | 19 | 12.5 | 250 | 200 | 47 | 4.1 | B7G | P |
| 19AU4 | 001 090 230 0000 | 00 | **1 080 230 | | 19 | | | | 120 | | A08 | R |
| 19BD | 001 230 009 0000 | 00 | **1 23* **8 | | 19 | | | | 60 | | B9A | R |
| 19BG6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 19 | 15 | 250 | 250 | 75 | 6 | A08 | P |
| 19BY7 | 141 213 871 0000 | 00 | 141 213 651 | | 19 | 2 | 175 | 100 | 9.7 | 5.9 | B9A | P |
| 19C8 | 9Y1 23X 148 0000 | 00 | 811 239 146 | | 19 | 1 | 100 | | 0.5 | 1.2 | B9A | DDDT |
| 19CL8 | 481 238 715 0000 | 00 | 461 237 514 | | 18.9 | [0.85 1] | 150 150 | | 15 12 | 8 5.8 | B9A | TP |
| 19CL8A | [481 230 000 0000 000 238 714 0000] | 00 | 461 230 000 000 236 514] | | 18.9 | [1 1.0] | 125 125 | | 14 12 | 8.0 6.5 | B9A | TP |
| 19D8 | 751 238 184 0000 | 00 | 541 237 464 | | 19 | [2.6 2] | 100 200 | | 13.5 7.6 | 3.7 2.4 | B9A | Th |
| 19DC8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| 17DE7 | 855 238 411 0000 | 00 | 644 237 411 | | 19.5 | [11 17.5] | 250 150 | | 5.5 35 | 6.5 | B9A | TT |
| 19EA8 | 857 238 114 0000 | 00 | 645 237 114 | | 18.9 | [1 1] | 150 150 | | 18 12 | 8.5 6.4 | B9A | TP |
| 19EH7 | 141 230 871 0000 | 00 | 141 230 651 | | 19 | 2 | 200 | 100 | 13 | 13 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 19EJ7 | 141 230 871 0000 | 00 | 141 230 651 | | 18.9 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| 19FL8 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 1.5 | 200 | 100 | 11 | 4.5 | B9A | DDP |
| 19G3 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 4 | | | | 30 | | A08 | R |
| 19G6 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 30 | | B7G | R |
| 19GQ7 | 1Y0 23X 191 0000 | 00 | 11* 239 181 | | 18.9 | | | | 5 | | B9A | DDD |
| 19GV8 | 841 238 715 0000 | 00 | 641 237 514 | | 18.9 | [0.6 | 100 | | | 6.5 | B9A | TP |
| 19H1 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | 200 | 200 | 41 | 7.5 | B4 | R |
| 19H4 | 020 000 300 0000 | 90 | 020 000 300 | D1 | 2.5 | | | | 60 | | A08 | R |
| 19HR6 | 412 387 100 0000 | 00 | 412 365 100 | | 18.9 | 1.2 | 200 | 100 | 30 | | B7G | P |
| 19HS6 | 412 387 100 0000 | 00 | 412 365 100 | | 18.9 | 0.8 | 150 | 75 | 8.8 | 9.5 | B7G | P |
| 19HV8 | 481 238 715 0000 | 00 | 461 237 514 | | 18.9 | [1.0 | 100 | | 0.8 | 1.3 | B9A | TP |
| | | | | | | 1.0 | 150 | 150 | 13 | 7 | | |
| 19J6 | 882 345 100 0000 | 00 | 762 344 100 | | 19 | 1 | 100 | | 8.5 | 5.3 | B7G | TT |
| 19JN8 | 481 238 715 0000 | 00 | 481 238 715 | | 18.9 | [1 | 125 | | 12 | 7.5 | B9A | TP |
| | | | | | | 1 | 125 | 125 | 13.5 | 8.5 | | |
| 19MR9 | 412 387 400 0000 | 00 | 412 365 400 | | 19 | 2.5 | 100 | 100 | 7 | 3.5 | B7G | P |
| 19MV5 | 412 387 400 0000 | 00 | 412 365 400 | | 19 | 2 | 150 | 125 | 10 | 3.5 | B7G | P |
| 19Q9 | 578 231 148 0000 | 00 | 578 231 148 | | 18.9 | [1 | 125 | | 14 | 8 | B9A | TP |
| | | | | | | 1 | 125 | 125 | 12 | 6.5 | | |
| 19R3 | 001 230 009 0000 | 00 | 001 230 008 | | 19 | | | | 180 | | B9A | R |
| 19RLL1 | 214 808 513 0000 | 00 | 214 607 413 | | 19 | 1.7 | 150 | | 9 | 5.5 | B9A | TT |
| 19RLL2 | 841 238 510 0000 | 00 | 641 237 410 | | 19 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 19RP11 | 401 238 714 0000 | 00 | 401 236 514 | | 19 | 7 | 100 | 100 | 35 | 5.5 | B9A | P |
| 19SU | 001 230 009 0000 | 00 | **1 23* **8 | | 19 | | | | 120 | | B9A | R |
| 19T8 | YX1 239 148 0000 | 00 | †91 238 146 | | 19 | 3 | 250 | | 1.0 | 1.2 | B9A | DDDT |
| 19U3 | 001 230 009 0000 | 00 | **1 23* **8 | | 19 | | | | 120 | | B9A | R |
| 19V8 | 891 234 Y1X 0000 | 00 | 681 234 †19 | | 19 | 3 | 250 | | 1.0 | 1.2 | B9A | DDDT |
| 19W3 | 001 230 009 0000 | 00 | **1 23* *08 | | 19 | | | | 120 | | B9A | R |
| 19X8 | 148 231 578 0000 | 00 | 146 231 457 | | 19 | [1 | 100 | | 8.5 | 5.8 | B9A | TP |
| | | | | | | 1.8 | 250 | 150 | 7.7 | 5.6 | | |
| 19Y40 | 001 230 009 0000 | 00 | 001 230 008 | | 19 | | | | 180 | | B9A | R |
| 20 | 384 200 000 0000 | 00 | 364 200 000 | | 3 | | 90 | | 3 | 0.4 | UX4 | T |
| 20A1 | [847 231 800 0000 | 50] | 645 231 700 | G1 | 4 | [12.5 | 100 | | 2.3 | | B7 | TH |
| | 057 231 800 0000 | 50] | | | | 1.5 | 250 | 75 | 2.2 | | | |
| 20A3 | 412 318 100 0000 | 00 | 412 316 100 | | 6 | | 400 | | 50 | 6 | B9A | P |
| 20CH4U | 218 745 830 | 50 | 216 544 730 | G2 | 20 | [2 | 200 | 100 | 4.1 | 0.75 | B8A | TP |
| | | | | | | | 200 | | 3.5 | | | |
| 20D1 | 192 310 X00 0000 | 00 | 182 310 900 | | 9.5 | | | | 5 | | B7G | RR |
| 20D2 | [840 231 000 0000 | 50] | 645 231 600 | G1 | 13 | [7.5 | 100 | | 3.8 | | B7 | TH |
| | 057 231 800 0000 | 50] | | | | 3 | 250 | 100 | 2.5 | | | |
| 20D3 | [051 330 482 0000 | 00] | 541 227 463 | | 6 | [1 | 100 | | | 3.6 | B9A | TH |
| | 751 338 502 0000 | 00] | | | | 3 | 250 | 100 | 3.6 | | | |
| 20D4 | 751 238 184 0000 | 00 | 541 237 164 | | 6.3 | [2 | 100 | | 15 | 3.5 | B9A | TH |
| | | | | | | | 250 | 100 | 7 | 2.8 | | |
| 20EQ7 | 141 237 890 0000 | 00 | 141 235 680 | | 20 | | 100 | 100 | 9 | 10.9 | B9A | DP |
| 20EZ7 | 223 148 851 0000 | 00 | 223 146 741 | | 10 | 1.0 | 150 | | | 1.6 | B9A | TT |
| 20F2 | 280 174 130 0000 | 00 | 260 154 130 | | 11 | 1.2 | 150 | 150 | 27 | 10.6 | B8A | P |
| 20J8 | | | 027 546 310 | G1 | 20 | [1.5 | 100 | | 1.5 | | A08 | H |
| | | | | | | 3 | 250 | 100 | 1.5 | | | |
| 20L1 | 285 184 130 0000 | 00 | 274 164 130 | | 12 | 12 | 250 | | 10 | 2.8 | B8A | TT |
| 20P1 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 38 | 30 | 200 | 200 | 80 | 6 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|---------------|-------------------|-------------|------------------|-------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 20P2 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 38 | 7.5 | 250 | 250 | | 13.5 | A08 | P |
| 20P3 | 028 740 310 0000 | 00 | 026 540 310 | | 20 | 9.4 | 200 | 175 | 42 | 7.2 | A08 | P |
| 20P4 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 38 | 33 | 200 | 200 | 100 | 6 | A08 | P |
| 20P5 | 280 074 130 0000 | 00 | 260 054 130 | | 20 | 6.3 | 200 | 150 | 29 | 7.5 | A08 | P |
| 20RDHV1 | 157 238 984 0000 | 00 | 145 237 864 | | 20 | [2 1 | 250 250 | 100 | 1.2 9 | 1.2 3.5 | B9A | DTP |
| 20Y1 | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | F8 | R |
| 20Y40 | 000 230 009 0000 | 10 | 000 230 008 | C | 20 | | | | 120 | | B9A | R |
| 21 | 287 413 000 0000 | 00 | 265 413 000 | | 6.3 | 45 | 400 | 300 | 65 | | UX6 | P |
| 21A6 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 28 | 200 | 200 | 40 | 6.0 | B9A | P |
| 21A7 | [208 405 130 0000 280 575 130 0000 | [00 00 | 276 454 130 | | 21 | [3 | 150 250 | 100 | 3.5 1.3 | 0.3 1.9 | B8B | TH |
| 21B6 | 041 230 071 0000 | 80 | 041 230 051 | A1 | 21 | 23 | 200 | 200 | 45 | 6.5 | B9A | P |
| 21CW7 | 148 235 118 0000 | 00 | 146 234 117 | | 21 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| 21DJ8 | 841 238 510 0000 | 00 | 641 237 410 | | 21 | 1.3 | 90 | | 15 | 12.5 | B9A | TT |
| 21EX6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 21.5 | | 200 | 150 | 67 | 7.7 | A08 | P |
| 21GY5 | 207 140 704 1730 | 80 | | | 21 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 21HB5 | 274 100 800 1430 | 00 | | | 21 | 20 | 125 | 125 | 46 | 9.0 | A12 | P |
| 21HB5A | 274 100 800 1430 | 00 | 254 100 600 | | 21 | 20 | 130 | 130 | 46 | 9 | A12 | P |
| 21HD5 | 207 140 804 1730 | 00 | | | 21.5 | 22 | 150 | 150 | 65 | 10 | A12 | P |
| 21JV6 | 217 000 800 0430 | 00 | 215 000 600 | | 21 | 20 | 130 | 130 | 50 | 9.1 | A12 | P |
| 21JZ6 | 217 040 000 0030 | 80 | 215 040 000 | | 21 | 20 | 125 | 125 | 46 | 9.0 | A12 | P |
| 21KA6 | 207 140 000 1030 | 80 | | | 21 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 21L40 | 041 231 071 0000 | 80 | 041 231 051 | A1 | 21.5 | 28 | 200 | 200 | 40 | 6 | B9A | P |
| 21LR8 | 151 238 784 0000 | 00 | 041 236 564 | | 21 | [4 10 | 250 150 | 125 | 2.3 56 | 3.6 9.3 | B9A | TP |
| 21LU8 | 280 805 571 4130 | 00 | | | 21 | [4 10 | 250 150 | 125 | 2.3 56 | 3.6 9.3 | A12 | TP |
| 21TH8 | [020 748 310 0000 028 750 310 0000 | [50 50 | 027 546 310 | G1 | 21 | [2.5 | 100 200 | 90 | 4 3 | 2 0.7 | A08 | TH |
| 22 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 3 | 1.5 | 150 | 50 | 1.7 | 0.3 | UX4 | P |
| 22AC | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2.5 | 3 | 90 | 90 | 4 | 1.05 | UX4 | P |
| 22AQ3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 22 | | | | 180 | | B9A | R |
| 22BH3 | 090 230 901 0000 | 00 | *8* 23* 8*1 | | 22.4 | | | | 180 | | B9D | R |
| 22BW3 | 200 900 100 9030 | 00 | | | 22.4 | | | | 120 | | A12 | R |
| 22DE4 | 001 090 230 0000 | 00 | 001 080 230 | | 22.4 | | | | 120 | | A08 | R |
| 22FC7 | 148 235 118 0000 | 00 | 146 234 117 | | 21.6 | 1.2 | 90 | | 15 | 12.3 | B9A | TT |
| 22JF6 | 741 234 710 0000 | 80 | 541 234 510 | A | 22.0 | [0 20 | 50 130 | 12.5 125 | 525 | 10.0 | B9A | P |
| 22JG6 | 741 231 708 0000 | 00 | 541 231 5*6 | | 22 | | 150 | 150 | 80 | 10 | B9D | P |
| 22JG6A | 741 231 708 6000 | 00 | | | 22.0 | 20 | 130 | 125 | 80 | 10.0 | B9A | P |
| 22JR6 | 741 231 708 0000 | 00 | 541 231 506 | | 22.0 | -20 | 125 | 125 | 45 | 7.0 | B9A | P |
| 22JU6 | 741 234 710 0000 | 80 | 541 234 51* | A1 | 22 | 20 | 150 | 100 | 45 | 7 | B9D | P |
| 22KM6 | 741 234 710 0000 | 80 | 541 234 510 | A | 22.0 | -24.5 | 140 | 140 | 80 | 9.5 | B9A | P |
| 22S/101G | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | R |
| 23 | 207 411 300 0000 | 80 | 205 411 300 | A1 | 2.5 | 90 | 400 | 150 | 43 | | UX7 | P |
| 23Z9 | 285 080 067 4830 | 00 | 267 060 000 | | 23 | [2 5 8 | 150 150 120 | | 5.4 5.5 46 | 3.9 2.4 7.1 | A12 | TTP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 24 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 13.5 | 200 | | 8 | 1.6 | UX4 | T |
| 24A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 3 | 200 | 90 | 4 | 1 | UX5 | P |
| 24GA7 | 277 410 810 0930 | 00 | | | 24 | [22.5 | 250 | 150 | 120 | 6.6] | A12 | RP |
| 24NG | 291 1X3 000 0000 | 00 | 281 193 000 | | 40 | | | | 75 | | UX6 | RR |
| 24S | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 3 | 200 | 90 | 4 | 1 | UX5 | P |
| 25 | 289 X43 000 0000 | 00 | 268 943 000 | | 2 | 3 | 150 | | 1.0 | 0.5 | UX6 | DDT |
| 25 | 205 411 300 0000 | 80 | 205 411 300 | A1 | 6.3 | 90 | 400 | 150 | 43 | | UX7 | P |
| 25A6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 18 | 150 | 125 | 33 | 2.3 | A08 | P |
| 25A7 | 128 749 310 0000 | 00 | 126 548 310 | | 25 | [15 | 100 | 100 | 60 | 1.8] | A08 | RP |
| 25ACID | 208 009 030 0000 | 40 | 206 008 030 | G1 | 1.4 | 0 | 150 | | 0.76 | 0.4 | A08 | DT |
| 25AC5 | 028 040 310 0000 | 00 | 026 040 310 | | 25 | 0 | 200 | | 4 | 3.8 | A08 | T |
| 25AQ8 | X41 238 410 0000 | 00 | 741 236 410 | | 25 | 1.1 | 100 | | 4.5 | 4.6 | B9A | TT |
| 25AV5 | 421 080 370 0000 | 00 | 421 060 350 | | 25 | 22.5 | 250 | 150 | 57 | 5.9 | A08 | P |
| 25AX4 | 001 090 230 0000 | 00 | 001 080 230 | | 25 | | | | 120 | | A08 | R |
| 25B6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 22 | 150 | 150 | 61 | 5 | A08 | P |
| 25B8 | 128 781 340 0000 | 50 | 127 561 340 | G1 | 25 | [1 | 100 | | 0.6 | 1.5] | A08 | TP |
| 25BG6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 25 | 3 | 100 | 100 | 7.6 | 2 | A08 | |
| 25BK5 | 804 231 470 0000 | 00 | 604 231 450 | | 25 | 22 | 150 | 150 | 70 | 5 | A08 | P |
| 25BQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 5 | 250 | 250 | 35 | 8.5 | B9A | P |
| | | | | | 25 | 22.5 | 250 | 150 | 55 | 5.5 | A08 | P |
| 25C5 | 142 347 800 0000 | 00 | 142 345 600 | | 25 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 25C6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 14 | 200 | 150 | 61 | 7.1 | A08 | P |
| 25CA5 | 142 347 800 0000 | 00 | 142 345 600 | | 25 | 4.5 | 150 | 125 | 36 | 9.2 | B7G | P |
| 25CD6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 25 | 30 | 200 | 200 | 75 | 7.5 | A08 | P |
| 25CD6GB | 021 043 700 0000 | 80 | 021 043 500 | A | 25.0 | -50 | 175 | 175 | 75 | 7.7 | A08 | P |
| 25CG3 | | | | | 25.0 | | 25 | | 700 | | B9A | R |
| 25CK3 | 080 230 801 0000 | 00 | 060 230 601 | | 25.2 | | 16 | | 1200 | | B9A | R |
| 25CM3 | 080 230 801 0000 | 00 | 060 230 601 | | 25.0 | | 10 | | 350 | | B9A | R |
| 25CR5 | 174 231 741 0000 | 00 | 154 231 541 | | 25 | 22.5 | 250 | 150 | 65 | 6 | B9A | P |
| 25CU6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 23 | 250 | 150 | 60 | 6 | A08 | P |
| 25D4 | 001 090 230 0000 | 00 | 001 080 230 | | 25 | | | | 120 | | A08 | R |
| 25D8 | 128 748 390 0000 | 50 | 127 546 380 | G1 | 25 | [1 | 100 | | 0.5 | 1.1] | A08 | DTP |
| 25DK4 | 002 390 100 0000 | 00 | 002 380 100 | | 25 | 3 | 100 | 100 | 8.5 | 1.9 | A08 | |
| 25DN6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 25 | | | | 60 | | B7G | R |
| 25DQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 18 | 125 | 125 | 70 | 9 | A08 | P |
| | | | | | 25 | 22.5 | 250 | 150 | 75 | 6 | A08 | P |
| 25DT5 | 704 234 108 0000 | 00 | 504 234 1*6 | | 25 | 16.5 | 250 | 250 | 38 | 6.5 | B9A | P |
| 25E2 | [751 228 384 0000 | 00] | 541 227 365 | | 12.6 | [2 | 200 | | 6.5 | | B9A | TH |
| | 751 228 305 0000 | 00 | | | | | 200 | 100 | 4 | | | |
| 25E5 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 21 | 200 | 200 | 100 | 11 | A08 | P |
| 25EC6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 25 | 23 | 125 | 125 | 70 | 7.5 | A08 | P |
| 25EH5 | 142 347 800 0000 | 00 | 142 345 600 | | 25 | 3.2 | 100 | 125 | 42 | 14.6 | B7G | P |
| 25F5 | 142 347 800 0000 | 00 | 142 345 600 | | 25 | 7.5 | 100 | 100 | 37 | 5.8 | B7G | P |
| 25F5A | 142 347 800 0000 | 00 | 142 345 600 | | 25.0 | -7.5 | 110 | 110 | 43 | 6.4 | B7G | P |
| 25F7 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 21 | 150 | 150 | 100 | 11 | A08 | P |
| 25FG6 | 020 740 310 0000 | 80 | *2* 540 310 | A1 | 25 | 21 | 200 | 175 | 100 | 11 | A08 | P |
| 25FID | 208 701 040 0000 | 40 | 206 501 040 | G1 | 1.4 | 2.5 | 150 | 125 | 1.2 | 0.7 | A08 | P |
| 25FY8 | 415 238 871 8000 | 00 | 414 237 516 | | 25 | [1.5 | 150 | | 2.5 | 2 | B9A | TP |
| | | | | | | 13.5 | 150 | 125 | 50 | 7 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 25GB6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 22.5 | 250 | 150 | 6.5 | 6 | A08 | P |
| 25JQ6 | 807 231 441 0000 | 00 | 605 231 441 | | 25.2 | 120 | 40 | 120 | 35 | 4.2 | B9A | P |
| 25L6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 8.2 | 200 | 125 | 47 | 8 | A08 | P |
| 25MK15 | 002 390 100 0000 | 00 | 002 380 100 | | 25 | | | | 25 | | B7G | R |
| 25RE | 291 1X3 000 0000 | 00 | 281 193 000 | | 25 | | | | 30 | | UX6 | RR |
| 25S | 289 X43 000 0000 | 00 | 268 943 000 | | 2 | 3 | 150 | | 0.8 | 0.6 | UX6 | DDT |
| 25SN7 | 481 581 230 0000 | 00 | 461 471 230 | | 25 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 25T3G | 020 000 310 0000 | 9X | 020 000 310 | D1 D2 | 25 | | | | 60 | | A08 | RR |
| 25V5 | 029 1X0 310 0000 | 00 | 028 190 310 | | 25 | | | | 60 | | A08 | R |
| 25W6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 8.5 | 250 | 125 | 46 | 8 | A08 | P |
| 25W9 | 001 090 230 0000 | 00 | 001 080 230 | | 25 | | | | 120 | | A08 | R |
| 25X4 | 020 090 310 0000 | 00 | 020 080 310 | | 25 | | | | 120 | | A08 | R |
| 25X6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 25 | | | | 30 | | A08 | RR |
| 25Y5 | 291 1X3 000 0000 | 00 | 281 193 000 | | 25 | | | | 60 | | UX6 | RR |
| 25Y5G | 029 1X0 310 0000 | 00 | 028 190 310 | | 25 | | | | 60 | | A08 | RR |
| 25Y6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 25 | | | | 30 | | A08 | RR |
| 25Z3 | 291 300 000 0000 | 00 | 281 300 000 | | 25 | | | | 60 | | UX4 | R |
| 25Z5 | 2X1 193 000 0000 | 00 | 291 183 000 | | 25 | | | | 60 | | UX6 | RR |
| 25Z6 | 02X 190 310 0000 | 00 | 029 180 310 | | 25 | | | | 60 | | A08 | RR |
| 26 | 284 300 000 0000 | 00 | 264 300 000 | | 1.5 | 10 | 150 | | 5.5 | 1.1 | UX4 | T |
| 26A6 | 412 387 100 0000 | 00 | 412 365 100 | | 26 | 1.8 | 250 | 250 | 10.5 | 4 | B7G | P |
| 26A7 | 415 872 380 0000 | 00 | 414 752 360 | | 26 | 4.5 | 30 | 30 | 20 | 5.5 | A08 | PP |
| 26AE6 | 000 230 009 0000 | 10 | *** 23* **8 | C | 26 | | | | | | B9A | R |
| 26AQ8 | 851 238 410 0000 | 00 | 641 237 410 | | 26 | 1.5 | 200 | | 8.7 | 6 | B9A | TT |
| 26B6 | 028 740 310 0000 | 00 | 026 540 310 | | 35 | 18 | 250 | 125 | 33 | 2.3 | A08 | P |
| 26BK6 | 412 39X 800 0000 | 00 | 412 389 600 | | 26 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| 26BQ6 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 22.5 | 250 | 150 | 55 | 5.8 | A08 | T |
| 26C6 | 412 3X9 800 0000 | 00 | 412 398 600 | | 26 | 9 | 250 | | 9.5 | 1.9 | B7G | DDT |
| 26CG6 | 412 387 100 0000 | 00 | 412 365 100 | | 26 | | 250 | 150 | 9 | 2 | B7G | P |
| 26D6 | 412 387 100 0000 | 00 | 412 365 100 | | 26 | 0 | 100 | 100 | 2.7 | 7.2 | B7G | H |
| 26E6 | 028 740 310 0000 | 00 | 026 540 310 | | 26 | 14 | 200 | 125 | 60 | 7.1 | A08 | P |
| 26NG | 291 1X3 000 0000 | 00 | 281 193 000 | | 40 | | | | 30 | | UX6 | RR |
| 26Z5 | 901 22X 013 0000 | 00 | 801 229 013 | | 13 | | | | 30 | | B9A | RR |
| 26Z6 | 901 23X 010 0000 | 00 | 801 239 010 | | 26 | | | | 60 | | B9A | RR |
| 27 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 21 | 250 | | 5.2 | 0.9 | UX5 | T |
| 27BL8 | 857 238 114 0000 | 00 | 645 237 114 | | 27 | 2 | 100 | | 14 | 5 | B9A | TP |
| 27HM | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 2 | 200 | 175 | 10 | 6.2 | B5B | T |
| 27SU | 320 090 210 0000 | 00 | 320 080 210 | | | 13.5 | 180 | | 5 | | A08 | R |
| 27SV | 230 090 310 0000 | 00 | 230 080 310 | | 13 | | | | 120 | | A08 | R |
| 28AK8 | 9Y1 23X 148 0000 | 00 | 811 239 146 | | 28 | 2 | 200 | | 1.3 | 1.5 | B9A | DDDT |
| 28AX8 | 9Y1 23X 148 0000 | 00 | 811 239 146 | | 28 | 1 | 100 | | 0.8 | 1.4 | B9A | DDDT |
| 28D7 | 247 881 530 0000 | 00 | 245 671 430 | | 28 | 3.5 | 30 | 30 | 12.5 | 3.4 | B8B | PP |
| 28HD5 | 207 140 804 1730 | 00 | | | 28 | 22 | 150 | 150 | 65 | 10 | A12 | P |
| 28Z5 | 209 00X 130 0000 | 00 | 208 009 130 | | 28 | | | | 60 | | B8B | RR |
| 29 | 284 413 000 0000 | 00 | 264 413 000 | | 2.5 | 3 | 200 | | 4.5 | 1.4 | UX6 | T |
| 29C1 | 220 293 330 0000 | 00 | 220 283 330 | | 4 | | | | 3 | | A08 | D |
| 29GK6 | 141 230 871 0000 | 00 | 141 230 651 | | 28.6 | 7.4 | 250 | 250 | 48 | 11.3 | B9A | P |
| 30 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 9 | 150 | | 3 | 0.9 | UX4 | T |
| 30A5 | 142 347 800 0000 | 00 | 142 345 600 | | 30 | 6.7 | 100 | 100 | 43 | 9.2 | B7G | P |
| 30AE3 | 000 230 009 0000 | 10 | *** 23* **8 | C | 30 | | | | | | B9A | D |
| 30AG11 | 219 158 841 X130 | 00 | | | 30 | 1 | 125 | 7.5 | 7.8 | | A12 | DDTT |
| 30C1 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | 2 | 100 | | 14 | 5 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|-----------------------|----|-----|-----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 30C13 | 178 238 415 0000 | 00 | 157 236 414 | | 9 | [2 100 2 200 | | 175 | 14 10 | 5 6.2 | B9A | TP |
| 30C15 | 178 238 415 0000 | 00 | 157 236 414 | | 9 | [2 100 2.5 200 | | 150 | 15 10 | 6 9 | B9A | TP |
| 30C17 | 178 238 415 0000 | 00 | 157 236 414 | | 7.4 | [3.2 100 1.5 125 | | 125 | 15 10 | 8.5 11 | B9A | TP |
| 30C18 | 878 231 514 0000 | 00 | 657 231 414 | | 7.4 | [3 100 1.5 125 | | 125 | 14 10 | 5.5 11 | B9A | TP |
| 30F5 | 141 230 871 0000 | 00 | 141 230 651 | | 7.5 | 1.8 200 | | 200 | 10 | 8.8 | B9A | P |
| 30F27 | 141 230 871 0000 | 00 | 141 230 651 | | 3.7 | 1.2 200 | | 150 | 13.5 | 15 | B9A | P |
| 30FL1 | 841 238 751 0000 | 00 | 641 237 541 | | 9.4 | [1.9 200 2.7 200 | | 200 | 10 10 | 3.6 7.5 | B9A | TP |
| 30FL2 | [841 230 000 0000 000 238 741 0000 | 00 00 | 641 230 000 00 236 541 | | 10.4 | [7.7 200 2.0 1.70 | | 170 | 10 10 | 3.4 8.0 | B9A | TP |
| 30FL12 | 841 238 751 0000 | 00 | 641 237 541 | | 10 | [4.9 150 2.9 200 | | 200 | 10 10 | 3.7 12.5 | B9A | TP |
| 30FL13 | 841 238 751 0000 | 00 | 641 237 541 | | 10 | [200 200 | | 200 | 10 10 | 3.4 12.5 | B9A | TH |
| 30FL14 | 878 231 514 0000 | 00 | 657 231 414 | | 7.4 | [3 100 1.7 150 | | 150 | 14 12 | 5.5 14.5 | B9A | TP |
| 30GP9 | 028 743 100 0000 | 00 | 026 543 100 | | 30 | 19 200 | | 200 | 45 | 3.5 | A08 | P |
| 30L1 | 158 234 118 0000 | 00 | 147 234 116 | | 7.5 | 1.5 90 | | 12 | | 6.0 | B9A | TT |
| 30L15 | 158 324 118 0000 | 00 | 147 324 116 | | 7 | 1.2 90 | | | 15 | 9 | B9A | TT |
| 30L17 | 148 235 118 0000 | 00 | 146 234 117 | | 7.2 | 0.8 75 | | | 15 | 16.5 | B9A | TT |
| 30P4 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 21 200 | | 200 | 100 | 11 | A08 | P |
| 30P12 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 12.6 | 10.3 200 | | 200 | 31 | 6.7 | B9A | P |
| 30P14 | 028 740 310 0000 | 00 | 026 540 310 | | 13 | 9.4 200 | | 200 | 42 | 7.2 | A08 | P |
| 30P16 | 041 230 807 0000 | 00 | 041 230 605 | | 16 | 14.2 200 | | 200 | 45 | 8.2 | B9A | P |
| 30P18 | 041 230 807 0000 | 00 | 041 23* 6*5 | | 16 | 6 200 | | 200 | 34 | 10 | B9A | P |
| 30P19 | 020 740 310 0000 | 80 | *2* 540 310 | A1 | 25 | 8.5 100 | | 100 | 100 | 15 | A08 | P |
| 30PL1 | 841 238 175 0000 | 00 | 641 237 154 | | 13 | [7.9 200 9.6 200 | | 200 | 10 28 | 3.4 6 | B9A | TP |
| 30PL12 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [0 100 16 200 | | 200 | 3.5 35 | 2.5 6.4 | B9A | TP |
| 30PL13 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [2.2 200 20 250 | | 250 | 10 45 | 4.4 17.5 | B9A | TP |
| 30PL14 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [7.7 200 15 150 | | 150 | 10 50 | 3.4 7.6 | B9A | TP |
| 30PL15 | 841 238 715 0000 | 00 | 641 237 514 | | 16 | [2.2 100 14.5 170 | | 170 | 10 50 | 4.3 7.3 | B9A | TP |
| 30X | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 12.5 175 | | | 3.1 | 9.3 | UX4 | T |
| 31 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 22.5 150 | | | 8 | 0.9 | UX4 | T |
| 31A3 | 290 000 130 0000 | 00 | 280 000 130 | | 31 | | | | 60 | | B8A | R |
| 31AV3 | 001 230 009 0000 | 00 | **1 23* **8 | | 31 | | | | 60 | | B9A | R |
| 31JS6 | 217 140 000 1730 | 80 | | | 31.5 | 28 175 | | 125 | 100 | 11.3 | A12 | P |
| 31JS6A | 217 040 000 0730 | 80 | 215 040 000 | A | 31.5 | 25 175 | | 125 | 125 | 11.3 | A12 | P |
| 31Z | [245 300 000 0000 245 300 000 0000 | 80 08 | 244 300 000 | A1/A2 | 6 | [100 400 15 400 | | | 75 75 | 2.8 | UX4 | TT |
| 32 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 150 | | 75 | 1.7 | 0.6 | UX4 | P |
| 32A8 | 415 238 718 0000 | 00 | 414 237 516 | | 32 | [1 100 16 200 | | 200 | 1 35 | 1.9 6.4 | B9A | TP |
| 32BX7 | 481 581 230 0000 | 00 | 461 471 230 | | 31.5 | 17 250 | | | 42 | 7.2 | A08 | TT |
| 32E | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 150 | | 75 | 1.7 | 0.6 | UX4 | P |
| 32ET5 | 142 347 800 0000 | 00 | 142 345 600 | | 32 | 7.5 100 | | 100 | 30 | 5.5 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|------|-----|-----------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 32ET5A | 142 347 800 0000 | 00 | 142 345 600 | | 32.0 | -7.5 | 1.10 | 110 | 30 | 5.5 | B7G | P |
| 32GA7 | 277 410 810 0930 | 00 | | | 32 | [22.5 | 250 | 150 | 120 75 60 | 6.6 | A12 | RP |
| 32L7 | 128 749 310 0000 | 00 | 126 548 310 | | 32.5 | [5 | 90 | 90 | 38 | 6 | A08 | RP |
| 33 | 384 720 000 0000 | 00 | 364 520 000 | | 2 | 14 | 150 | 150 | 14.5 | 1.4 | Sm7 | P |
| 33/100A | 020 540 310 0000 | 88 | 020 440 310 | A1/A2 | 6 | 14 | 300 | | 10 | 3 | A08 | TT |
| 33A/101K | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 33A/138A | 204 150 300 0000 | 88 | 204 140 300 | A1/A2 | 7 | 7 | 250 | | 15 | 3 | UX7 | TT |
| 33A/158M | 218 458 130 0000 | 00 | 216 447 130 | | 6 | 5 | 200 | | 20 | 2.8 | B8B | TT |
| 33B/152M | 521 342 135 0000 | 88 | 421 342 134 | A1/A2 | 6 | 1 | 300 | | 40 | 18.5 | B9G | TT |
| 33GT7 | 290 180 014 7430 | 00 | | | 33.6 | 22.5 | 125 | 125 | 48 | 6.5 | A12 | DP |
| 33GY7 | 290 180 014 4730 | 00 | 280 160 014 | | 33.6 | 22.5 | 130 | 130 | 48 | 6.5 | A12 | DP |
| 33GY7 | 290 180 014 4730 | 00 | | | 33.6 | 22.5 | 125 | 125 | 48 | 6.5 | A12 | DP |
| 33JR6 | 741 236 708 0000 | 00 | 541 231 506 | | 33.0 | -20 | 125 | 125 | 45 | 7.0 | B9A | P |
| 33JV6 | 215 100 800 1430 | 00 | | | 33 | 20 | 125 | 125 | 50 | 9.1 | A12 | P |
| 34 | 204 150 300 0000 | 88 | 204 140 300 | A1/A2 | 6.3 | 36 | 300 | | 80 | 4.4 | UX7 | TT |
| 34 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 150 | 75 | 2.8 | 0.6 | UX4 | P |
| 34E | | | 365 200 000 | G1 | 2 | 3 | 150 | 75 | 2.8 | 0.6 | UX4 | P |
| 34CE3 | 200 900 100 9030 | 00 | 34.5 | | | | | | 180 | | A12 | R |
| 34CM3 | 080 230 801 0000 | 00 | 060 230 601 | | 33.5 | | 10 | | 350 | | B9A | P |
| 34GD5 | 142 317 800 0000 | 00 | 142 315 600 | | 34 | 7.5 | 100 | 100 | 35 | 5.7 | B7G | P |
| 34GD5A | 142 347 800 6000 | | 142 345 600 | | 34.0 | -7.5 | 1.10 | 110 | .35 | 5.7 | B7G | P |
| 35 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 3 | 250 | 90 | 6.5 | 1 | UX5 | P |
| 35A3 | 002 390 100 0000 | 00 | 002 380 100 | | 35 | | | | 60 | | B7G | R |
| 35A5 | 287 004 130 0000 | 00 | 265 004 130 | | 35 | 8 | 200 | 100 | 41 | 5.9 | B8B | P |
| 35B5 | 412 387 400 0000 | 00 | 412 365 400 | | 35 | 7.5 | 150 | 100 | 40 | 5.8 | B7G | P |
| 35C3 | 002 390 100 0000 | 00 | 002 380 100 | | 35 | | | | 60 | | B7G | R |
| 35C5 | 142 347 800 0000 | 00 | 142 345 600 | | 35 | 7.5 | 150 | 100 | 40 | 5.8 | B7G | P |
| 35CD6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 35 | 30 | 200 | 175 | 75 | 7.7 | A08 | P |
| 35D5 | 401 238 070 0000 | 00 | 401 236 050 | | 35 | 10.5 | 200 | 175 | 52 | 9.5 | B9A | P |
| 35DZ8 | 415 238 718 0000 | 00 | 414 237 516 | | 35 | [150 | | | 0.8 | 1.4 | B9A | TP |
| 35EH5 | 142 347 800 0000 | 00 | 142 345 600 | | 35 | 62 | 100 | 100 | 45 | 7.5 | | |
| 35F4 | 412 387 400 0000 | 00 | 412 365 400 | | 35 | 7.5 | 100 | 100 | 41 | 5.8 | B7G | P |
| 35F6 | 041 230 887 0000 | 00 | 041 230 665 | | 35 | 23 | 250 | 200 | 55 | 5 | B9A | P |
| 35FN5 | 721 441 370 0000 | 80 | 521 441 350 | A1 | 35 | 22.5 | 200 | 150 | 100 | 10 | B8A | P |
| 35GD5A | 142 347 800 0000 | 00 | 142 345 600 | | 34 | 7.5 | 100 | 100 | 45 | 7.5 | B7G | P |
| 35GL6 | 142 273 800 0000 | 00 | 142 253 600 | | 35 | 7.5 | 100 | 100 | 45 | 7.5 | B7G | P |
| 35HB8 | 418 237 815 0000 | 00 | 416 235 714 | | 35 | [100 | | | 2.5 | 3.9 | B9A | TP |
| 35L6 | 028 740 310 0000 | 00 | 026 540 310 | | 35 | 7.5 | 200 | 100 | 40 | 5.8 | | |
| 35L31 | 412 387 400 0000 | 00 | 412 365 400 | | 35 | 13 | 200 | 200 | 55 | 8 | B7G | P |
| 35QL6 | 471 238 174 0000 | 00 | 451 236 154 | | 35 | 11.5 | 200 | 200 | 52 | 9.5 | B8A | P |
| 35R1 | 002 392 100 0000 | 00 | 002 382 100 | | 35 | | | | 60 | | B7G | R |
| 35R2 | 002 390 100 0000 | 00 | 002 380 100 | | 35 | | | | 60 | | B7G | R |
| 35RE | 291 1X3 000 0000 | 00 | 281 193 000 | | 35 | | | | 60 | | UX6 | RR |
| 35S | 287 120 000 0000 | 40 | 265 120 000 | G1 | 2.5 | 3 | 250 | 90 | 6.5 | 10.8 | UX5 | P |
| 35W4 | 002 393 100 0000 | 00 | 002 383 100 | | 27.5 | | | | 60 | | B7G | R |
| 35X4 | 002 390 100 0000 | 00 | 002 380 100 | | 35 | | | | 60 | | B7G | R |
| 35Y4 | 290 200 130 0000 | 00 | 280 200 130 | | 27.5 | | | | 60 | | B8B | R |
| 35Y31 | 002 390 100 0000 | 00 | 002 380 100 | | 35 | | | | 120 | | B7G | R |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 35Z3 | 290 000 130 0000 | 00 | 280 000 130 | | 35 | | | | 120 | | B8B | R |
| 35Z4 | 020 090 310 0000 | 00 | 020 080 310 | | 35 | | | | 120 | | A08 | R |
| 35Z5 | 020 090 310 0000 | 00 | 022 080 310 | | 27.5 | | | | 60 | | A08 | R |
| 35Z6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 35 | | | | 60 | | A08 | RR |
| 36 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 3 | 250 | 90 | 3.2 | 1 | UX5 | P |
| 36AM3 | 002 293 100 0000 | 00 | 002 283 100 | | 36 | | | | 60 | | B7G | R |
| 36AM3B | 002 380 100 0000 | 00 | 002 360 100 | | 36.0 | | 16 | | 150 | | B7G | R |
| 37 | 284 130 000 0000 | 00 | 264 130 000 | | 6 | 18 | 250 | | 7.5 | 1.1 | UX5 | T |
| 38 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 18 | 200 | 200 | 14 | 1 | UX5 | P |
| 38A3 | 001 230 009 0000 | 00 | **1 23* **8 | | 38 | | | | 60 | | B9A | R |
| 38HE7 | 290 180 014 0730 | 00 | | | 37.8 | 22 | 125 | 125 | 60 | 8.8 | A12 | RP |
| 38HK7 | 290 180 014 0730 | 00 | 280 160 014 | | 37.8 | 22 | 130 | 130 | 60 | 8.8 | A12 | DP |
| 38R3 | 001 230 009 0000 | 00 | 001 230 008 | | 38 | | | | 100 | | B9A | R |
| 39 | 280 701 300 0000 | 40 | 260 501 300 | G1 | 6.3 | 3 | 250 | 90 | 5.8 | 1 | B7G | P |
| 39 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 3 | 200 | 90 | 5.8 | 1 | UX5 | P |
| 40 | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 1.5 | 200 | | 0.2 | 0.2 | UX4 | T |
| 40FR5 | 142 347 800 0000 | 00 | | | 40 | | 150 | | 30 | 6.0 | B7G | P |
| 40KD6 | 217 040 004 0730 | 80 | 215 040 004 | A | 40 | 22.5 | 150 | 110 | 120 | 14 | A12 | P |
| 40PPA | 047 231 800 0000 | 00 | 045 231 600 | | 40 | 25 | 150 | 150 | 36 | 2 | B7 | P |
| 40SUA | 902 310 000 0000 | 00 | 802 310 000 | | 40 | | | | 60 | | B5 | R |
| 40Z5 | 022 090 310 0000 | 00 | 022 080 310 | | 35 | | | | 120 | | A08 | R |
| 41 | 287 413 000 0000 | 00 | 265 413 000 | | 6 | 18 | 250 | 250 | 32 | 3.2 | UX6 | P |
| 41FP | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 18 | 250 | | 19 | 2.8 | B5 | T |
| 41M | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 18 | 250 | 250 | 32 | 2.3 | A08 | P |
| 41MDG | 872 310 000 0000 | 40 | 652 310 000 | G1 | 4 | 0 | 150 | 100 | | 0.2 | B5 | P |
| 41ME | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 5 | 250 | 250 | | †1.0 | 85C | TI |
| 41MH | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 3.2 | 3 | B5 | T |
| 41MHF | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 150 | | 2.5 | 2.8 | B5 | T |
| 41MHL | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 4 | 4.1 | B5 | T |
| 41MLF | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 200 | | 7.5 | 1.9 | B5 | T |
| 41MP | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 7.5 | 200 | | 24 | 6.0 | B5 | T |
| 41MPG | 474 231 800 0000 | 40 | 454 231 600 | G1 | 4 | 1.5 | 250 | 100 | 3.3 | 0.9 | B7 | H |
| 41MPT | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 250 | 100 | 12 | 4.8 | B7 | P |
| 41MRC | 842 310 000 0000 | 00 | 641 310 000 | | 4 | 1 | 200 | | 2.5 | 2.6 | B5 | T |
| 41MSG | 487 230 785 0000 | 00 | 465 230 574 | | 4 | 1.5 | 150 | 60 | 0.8 | 2.5 | B9 | PP |
| 41MSG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 150 | 60 | 0.8 | 2.5 | B5 | P |
| 41MTA | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 100 | | 4.9 | 4 | B9 | T |
| 41MTB | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 100 | | 3.6 | 2.6 | B5 | T |
| 41MTL | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 5.9 | 3 | B5 | T |
| 41MTS [| 047 231 800 0000 | 00 | | | 4 | 1 | 250 | 100 | 5 | 1.6 | B7 | PP |
| | 057 231 000 0000 | 80 | 645 231 700 | | | | | | | | | |
| 41MXP | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 12.5 | 200 | | 40 | 6 | B5 | T |
| 41MVSG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.4 | 200 | 200 | 3 | 2 | B5 | P |
| 41STH [| 840 321 000 0000 | 50 | | | 4 | 1.5 | 100 | | 2 | | | |
| | 057 321 800 0000 | 50 | 645 231 700 | G1 | 4 | 1.5 | 200 | 60 | 1 | | B7 | TH |
| 42 | 284 300 000 0000 | 00 | 264 300 000 | | 1.5 | 13.5 | 150 | | 3.9 | 0.8 | UX4 | T |
| 42 | 287 413 000 0000 | 00 | 265 413 000 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | UX6 | P |
| 42MP/PEN | 045 231 800 0000 | 00 | 045 231 600 | | 4 | 5.5 | 250 | 250 | 32 | 6 | B7 | P |
| 42MPT | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4(5) | 3 | 200 | 200 | 34 | 8.5 | B7 | P |
| 42/OT | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 5.5 | 250 | 275 | 34 | 7 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|---------------|------------|-----|------------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 42OTDD | X89 231 700 0000 | 40 | 968 231 500 | G1 | 4 | 5.5 | 250 | 250 | 34 | 7 | B7 | DDP |
| 42PTB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 3 | 200 | 200 | 34 | 8.5 | B7 | P |
| 42SPT | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 10.5 | 250 | 250 | 64 | 11 | B7 | P |
| 43 | 284 583 000 0000 | 00 | 265 413 000 | | 25 | 18 | 150 | 125 | 33 | 2.3 | UX6 | P |
| 43 | 287 413 000 0000 | 00 | 264 473 000 | | 1.5 | [4.5 20 | 135 135 | | 3 14 | 0.9 | UX6 | TT |
| 43E | 285 413 000 0000 | 00 | 265 413 000 | | 25 | 18 | 150 | 125 | 33 | 2.3 | UX6 | P |
| 431U | 9X2 300 000 0000 | 00 | 892 300 0000 | | 4 | | | | 60 | | B4 | RR |
| 43MG | 028 740 300 0000 | 00 | 026 540 310 | | 25 | 18 | 250 | 125 | 33 | 2.3 | A08 | P |
| 44 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 3 | 200 | 90 | 5.8 | 1 | UX5 | P |
| 44A/160M | 241 878 153 0000 | 00 | 241 657 143 | | 6 | 14 | 250 | 250 | 30 | 3.9 | B9G | PP |
| 44GW8 | 417 238 158 0000 | 00 | 415 237 146 | | 44 | [1.7 7 | 250 250 | | 1.2 36 | 1.6 10 | B9A | TP |
| 44IU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 44SU | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | R |
| 45 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 50 | 250 | | 34 | 2.1 | UX4 | T |
| 45A | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 68 | 325 | | 43 | 2.3 | UX4 | T |
| 45A5 | 280 074 130 0000 | 00 | 26* *54 130 | | 45 | 9 | 200 | 200 | 54 | 9.5 | B8A | P |
| 45B5 | 041 230 807 0000 | 00 | 041 23* 6*5 | | 45 | 12.5 | 200 | 200 | 70 | 10 | B9A | P |
| 45BQ5 | 041 230 807 0000 | 00 | 041 23* 6*5 | | 45 | 12.5 | 300 | 175 | 70 | 10 | B9A | P |
| 45DQ8 | 181 238 157 0000 | 00 | 461 237 145 | | 45 | [1.7 12.5 | 200 200 | | 3 175 | 4 10 | B9A | TP |
| 45DX8 | 481 238 157 0000 | 00 | 461 237 145 | | 45 | [1.7 2.1 | 200 200 | | 3 175 | 4 18 | B9A | TP |
| 45IU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| 45LIU | 208 740 130 0000 | 00 | 206 540 130 | | 45 | 13 | 200 | 200 | 45 | 7.5 | A08 | P |
| 45Z3 | 290 109 300 0000 | 00 | 28* 108 300 | | 45 | | | | 60 | | B7G | R |
| 45Z5 | 022 090 310 0000 | 00 | 022 080 310 | | 37.5 | | | | 60 | | A08 | R |
| 46 | 284 830 000 0000 | 00 | 264 630 000 | | 2.5 | 33 | 250 | | 22 | 2.3 | UX5 | T |
| 47 | 284 730 000 0000 | 00 | 264 530 000 | | 2.5 | 16.5 | 250 | 250 | 31 | 2.5 | UX5 | P |
| 48 | 287 413 000 0000 | 00 | 265 413 000 | | 30 | 10 | 100 | 100 | 52 | 3.8 | UX6 | P |
| 48A8 | 415 238 718 0000 | 00 | 414 237 516 | | 48 | [11.5 20 | 100 150 | | 3.5 150 | 2.5 7.5 | B9A | TP |
| 49 | 284 830 000 0000 | 00 | 264 630 000 | | 2 | | | | 6 | 1.1 | UX5 | T |
| 49 | 287 413 000 0000 | 00 | 265 413 000 | | 6.3 | 50 | 400 | 250 | 95 | | UX6 | P |
| 50 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 70 | 400 | | 55 | 2.1 | UX4 | T |
| 50A5 | 287 004 130 0000 | 00 | 265 004 130 | | 50 | 7.5 | 150 | 100 | 49 | 8 | B8B | P |
| 50AX6 | 029 1X0 310 0000 | 00 | 028 190 310 | | 50 | | | | 120 | | A08 | RR |
| 50B5 | 412 387 400 0000 | 00 | 412 365 400 | | 50 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 50BC1D | 208 09X 030 0000 | 40 | 206 089 030 | G1 | 1.4 | 0.5 | 90 | | 1.4 | 0.8 | A08 | DDT |
| 50BK5 | 804 231 470 0000 | 00 | 604 231 450 | | 50 | 5 | 250 | 250 | 35 | 8.5 | B9A | P |
| 50BM8 | 415 238 718 0000 | 00 | 414 237 516 | | 50 | [10 7.5 | 100 150 | | 3.5 150 | 2.5 7.5 | B9A | TP |
| 50C5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| 50C6 | 028 740 310 0000 | 00 | 026 540 310 | | 50 | 13.5 | 150 | 150 | 58 | 7 | A08 | P |
| 50C1D | 208 90X 030 0000 | 40 | 206 089 030 | G1 | 1.4 | 1.5 | 100 | | 1.5 | 0.9 | A08 | DDT |
| 50CA5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 4.5 | 150 | 125 | 37 | 9.2 | B7G | P |
| 50CD6 | 021 040 370 0000 | 80 | 021 040 350 | A1 | 50 | 30 | 200 | 200 | 75 | 7.5 | A08 | P |
| 50DC4 | 002 393 100 0000 | 00 | 002 363 100 | | 25 | | | | 60 | | B7G | R |
| 50EH5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 3.2 | 100 | 125 | 42 | 14.6 | B7G | P |
| 50F2 | 412 387 400 0000 | 00 | 412 365 400 | | 50 | 7.5 | 100 | 100 | 50 | 7.5 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|---------------|------------|-----|-----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 50F2D | 208 701 030 0000 | 40 | 206 501 030 | G1 | 1.4 | 1.5 | 100 | 125 | 1.4 | 1 | A08 | P |
| 50FA5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 7.5 | 100 | 100 | 40 | 5.8 | B7G | P |
| 50FE5 | 028 740 310 0000 | 00 | 026 540 310 | | 50 | 16 | 150 | 150 | 80 | 9.5 | A08 | P |
| 50FK5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | | 100 | 100 | 32 | 12.8 | B7G | P |
| 50FY8 | 415 238 718 0000 | 00 | 414 237 516 | | 50 | [1.5 13.5 | 150 150 | 125 | 2.5 50 | 2 7.5 | B9A | TP |
| 50LID | 208 740 030 0000 | 00 | 206 540 030 | | 1.4 | 4.5 | 100 | 125 | 4.8 | 1 | A08 | P |
| 50L6 | 028 740 310 0000 | 00 | 026 540 310 | | 50 | 8.2 | 200 | 125 | 46 | 9.5 | A08 | P |
| 50L66T | 028 043 100 0000 | 00 | 026 043 100 | | 50.0 | -7.5 | 200 | | 50 | 9.5 | B7G | |
| 50R4 | 090 230 X01 0000 | 00 | 080 230 901 | | 50 | | | | 60 | | B9A | RR |
| 50RP1 | 141 238 719 0000 | 00 | 141 236 518 | | 50 | [1 | 200 | 100 | 9 | 4.5 | B9A | RP |
| 50X6 | 21X 009 130 0000 | 00 | 219 008 130 | | 50 | | | | 60 | | B8D | RR |
| 50YIU | 399 209 120 0000 | 00 | 388 208 120 | | 45 | | | | 120 | | A08 | R |
| 50Y6 | 02X 190 310 0000 | 00 | 029 180 310 | | 50 | | | | 60 | | A08 | RR |
| 50Y7 | 029 1X3 310 0000 | 00 | 028 193 310 | | 46 | | | | 60 | | A08 | RR |
| 50Z6 | 02X 190 310 0000 | 00 | 029 180 310 | | 50 | | | | 120 | | A08 | RR |
| 50Z7 | 02X 190 310 0000 | 00 | 029 183 310 | | 48 | | | | 60 | | A08 | RR |
| 51 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 3 | 250 | 90 | 6.5 | 10.5 | UX5 | P |
| 52 | 284 730 000 0000 | 00 | 264 530 000 | | 6 | 1 | 250 | 100 | 41 | 2 | UX5 | P |
| 52KU | 030 X09 020 0000 | 00 | 030 908 020 | | 5 | | | | 60 | | A08 | RR |
| 53 | 285 148 300 0000 | 00 | 274 146 300 | | 2.5 | 5 | 250 | | 3 | 1.6 | UX7 | TT |
| 53KU | 030 X09 020 0000 | 00 | 030 908 020 | | 5 | | | | 120 | | A08 | RR |
| 55 | 28X 913 000 0000 | 40 | 269 813 000 | G1 | 2.5 | 20 | 250 | | 8 | 1.1 | UX6 | DDT |
| 55A/165M | 247 881 530 0000 | 00 | 245 761 430 | | 12 | 15 | 150 | 150 | 60 | 4 | B8A | PP |
| 55N3 | 001 230 009 0000 | 00 | **1 23* **8 | | 55 | | | | 120 | | B9A | T |
| 56 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 12.5 | 250 | | 5 | 1.4 | UX5 | T |
| 56AS | 284 130 000 0000 | 00 | 264 130 000 | | 6 | 13.5 | 250 | | 5 | 1.4 | UX5 | T |
| 57 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 2.5 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| 57AS | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 0.2 | UX6 | P |
| 58 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 2.5 | 3 | 250 | 100 | 8 | 1.5 | UX6 | P |
| 58AS | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 8 | 1.5 | UX6 | P |
| 58TF1 | 518 238 786 0000 | 40 | 417 231 564 | G1 | 58 | [2 31 | 200 250 | 250 | 4 38 | 1.5 2.5 | B9A | TPP |
| 59 | 287 411 300 0000 | 00 | 265 411 300 | | 2.5 | 18 | 250 | 250 | 35 | 2.5 | UX7 | P |
| 59B | 287 410 300 0000 | 00 | 265 410 300 | | 2.5 | 26 | 250 | 250 | 26 | 6 | UX7 | P |
| 60 | 200 300 000 0000 | 9X | 200 300 000 | D1/D2 | 5 | | | | 120 | | UX4 | RR |
| 60/250 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 60E3 | 002 390 100 0000 | 00 | 002 380 100 | | 60 | | | | 60 | | B7G | R |
| 60FX5 | 142 347 800 0000 | 00 | 142 345 600 | | 60 | 62 | 100 | 100 | 36 | 13.5 | B7G | P |
| 61BT | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6 | 20 | 200 | 200 | 40 | 4 | A08 | P |
| 61SPT | 720 804 310 0000 | 00 | 520 604 310 | | 6 | 10.5 | 250 | 250 | 64 | 11 | A08 | P |
| 62BT | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 19.5 | 250 | 175 | 100 | 9.5 | B8A | P |
| 62DDT | 284 0X9 130 0000 | 00 | 264 098 130 | | 6 | 3 | 250 | | 1 | 1.3 | B8A | DDT |
| 62L31 | 412 367 400 0000 | 00 | 412 365 400 | | 62 | 15 | 200 | 200 | 55 | 8 | B7G | P |
| 6 2TH | [208 405 130 0000 280 575 130 0000] | 00 | 276 454 130 | | 6 | [2 2 | 100 150 | 100 | 5 8 | 2.2 2 | B8A | TH |
| 62VP | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8A | P |
| 63ME | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | 0.3 | 11.0 | A08 | TI |
| 63SPT | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 2 | 250 | 250 | 10 | 6.5 | B9G | P |
| 63TP | 841 238 175 0000 | 00 | 641 237 154 | | 6 | [2.3 8 | 100 200 | 200 | 4 17.5 | 1.4 3.3 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 64 | 280 101 300 0000 | 40 | 026 457 310 | G1 | 6.3 | 3 | 200 | 90 | 3.1 | 1 | B7G | P |
| 64ME | [028 470 310 0000 | 00 | 226 457 310 | | 6 | 16 | 250 | 250 | | †1.0 | A08 | TI |
| 64SPT | 020 478 310 0000 | 00 | | | | 2.5 | 250 | 250 | | †1.0 | | |
| 65 | 141 230 870 0000 | 00 | 141 230 650 | | 6.3 | 2.6 | 200 | 200 | 10 | 7.1 | B9A | P |
| | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 3 | 200 | 90 | 4.5 | 1 | UX5 | P |
| 65ME | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 6.3 | | 250 | 250 | | | B9A | TI |
| 66KU | 290 00X 130 0000 | 00 | 280 009 130 | | 6 | | | | 30 | | B8A | RR |
| 67 | 284 130 000 0000 | 00 | 264 130 000 | | 6 | 9 | 150 | | 5 | 1.1 | UX5 | T |
| 67PT | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 7 | 250 | 250 | 36 | 10 | B8A | P |
| 68 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 6 | 13.5 | 150 | 90 | 14 | 1.4 | UX5 | P |
| 68A | 287 130 000 0000 | 00 | 265 130 000 | G1 | 6 | 13.5 | 150 | 125 | 14 | 1.4 | UX5 | P |
| 69 | 284 413 000 0000 | 00 | 264 413 000 | | 6 | 3 | 200 | | 4.5 | 1.4 | UX6 | T |
| 70 | 284 413 000 0000 | 00 | 264 413 000 | | 6 | 6 | 200 | | 2.3 | 0.3 | UX6 | T |
| 70A7 | 128 749 310 0000 | 00 | 126 548 310 | | 70 | [7.5 | 150 | 100 | 60 | 5.8 | A08 | RP |
| 70L7 | 128 741 390 0000 | 00 | 126 541 380 | | 70 | [7.5 | 125 | 100 | 60 | 7.5 | A08 | RP |
| 71 | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 40 | 200 | | 20 | 1.7 | UX4 | T |
| 71A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 16.5 | 90 | | 10 | 1.4 | UX4 | T |
| 75 | 020 000 300 0000 | 84 | 020 000 300 | A1/G1 | 6 | 60 | 400 | | 82 | | A08 | T |
| 75 | 28X 913 000 0000 | 40 | 269 813 000 | G1 | 6 | 2 | 250 | | 0.9 | 1.1 | UX6 | DDT |
| 76 | 284 130 000 0000 | 00 | 264 130 000 | | 6 | 13.5 | 250 | | 5 | 1.4 | UX5 | T |
| 77 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2.3 | 1.25 | UX6 | P |
| 77E | 287 113 000 0000 | 00 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2.3 | 1.25 | UX6 | P |
| 78 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 125 | 10.5 | 1.65 | UX6 | P |
| 78E | 287 113 000 0000 | 00 | 265 113 000 | G1 | 6 | 3 | 200 | 75 | 4 | 1.1 | UX6 | P |
| 79 | 284 183 000 0000 | 00 | 264 173 000 | G1 | 6.3 | | 250 | | 10.6 | | UX6 | TT |
| 80 | 2X9 300 000 0000 | 00 | 298 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 80HK | 390 200 000 0000 | 00 | 380 200 000 | | 5 | | | | 60 | | UX4 | R |
| 80M | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 80S | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 81 | 290 300 000 0000 | 00 | 280 300 000 | | 7.5 | | | | 60 | | UX4 | R |
| 82 | 29X 300 000 0000 | 00 | 289 300 000 | | 2.5 | | | | 60 | | UX4 | RR |
| 83 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 120 | | UX4 | RR |
| 83V | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 84 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX5 | RR |
| 85 | 28X 913 000 0000 | 40 | 269 813 000 | G1 | 6 | 20 | 250 | | 8 | 1.1 | UX6 | DDT |
| 85AS | 289 300 000 0000 | 00 | 268 913 000 | G1 | 6 | 20 | 250 | | 8 | 1.1 | UX6 | DDT |
| 85S | 289 X13 000 0000 | 40 | 268 913 000 | G1 | 6 | 10.5 | 250 | | 3.7 | 0.7 | UX6 | DDT |
| 88 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 89 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 10 | 100 | 100 | 9.5 | 1.2 | UX6 | P |
| 90 | 284 413 000 0000 | 00 | 264 413 000 | | 2.5 | | 150 | | 3.5 | 1.4 | UX6 | T |
| 90AC | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 12.5 | 200 | | 40 | 7.5 | B5 | T |
| 92 | 284 413 000 0000 | 00 | 264 413 000 | | 6 | | 250 | | 3.5 | 1.4 | UX6 | T |
| 95 | 287 413 000 0000 | 00 | 265 413 000 | | 2.5 | 20 | 350 | 300 | 42 | 2.3 | UX6 | P |
| 96 | 291 300 000 0000 | 00 | 281 300 000 | | 10 | | | | 120 | | UX4 | R |
| 98 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX5 | RR |
| 99V | 428 300 000 0000 | 00 | 426 300 000 | | 3.3 | 4.4 | 90 | | 2.5 | 0.4 | UX4 | T |
| 99X | 284 300 000 0000 | 00 | 264 300 000 | | 3.3 | 4.5 | 90 | | 2.5 | 0.4 | UX4 | T |
| 100AC | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 6 | 200 | | 5 | 2 | B5 | T |
| 104V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 100 | | 15 | 3.5 | B5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|-----------------|--------------------------------------|------------|------------------------------------|------------|------|------------|------------|-----|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 100/200 LLID | 348 748 220 0000 | 00 | 346 547 220 | | 1.4 | 9.4 | 150 | 125 | 4 | | A08 | P |
| 112A | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 5 | 1.5 | UX4 | T |
| 114 | 020 000 300 0000 | 84 | 020 000 300 | A1/G1 | 1.4 | | 200 | | 15 | | A08 | T |
| 114B | 020 000 300 0000 | 84 | 020 000 300 | A1/G1 | 1.4 | 4 | 200 | | 12 | 1.1 | A08 | T |
| 116/Pen | 007 231 800 0000 | 40 | 005 231 600 | G1 | 11.5 | 1 | 100 | 100 | | 7 | B7 | P |
| 117DD | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 2 | 250 | 150 | 5 | 2.2 | B9A | DDP |
| 117L7 | 128 479 310 0000 | 00 | 126 458 310 | | 117 | 5.2 | 100 | 100 | 60 43 | 5.3 | A08 | RP |
| 117Z3 | 002 391 000 0000 | 00 | *02 381 000 | | 117 | | | | 60 | | B7G | R |
| 117Z4 | 020 090 310 0000 | 00 | 020 080 310 | | 117 | | | | 60 | | A08 | R |
| 117Z6 | 02X 190 310 0000 | 00 | 029 180 310 | | 117 | | | | 60 | | A08 | RR |
| 120 | 842 310 000 0000 | 00 | 642 310 000 | | 2 | 12 | 150 | | 12 | | B5 | T |
| 120VPA | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 60 | 2.9 | 1.1 | B7 | P |
| 121VP | 280 074 130 0000 | 00 | 26* *54 130 | | 12.5 | 3 | 200 | 115 | 7.2 | 2.3 | B8A | P |
| 124AC | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.4 | 200 | 60 | 1.6 | 0.9 | B5 | P |
| 141DDT | 284 09X 130 0000 | 00 | 264 089 130 | | 14 | 1.5 | 200 | | 1.5 | 1.6 | B8A | DDT |
| 141TH | 208 405 130 0000 280 575 130 0000 | 00 00 | 276 454 130 | | 14 | 2 2 | 100 250 | | 5 8 | 2 2.2 | B8A | TH |
| 142BT | 028 740 130 0000 | 00 | 026 540 130 | | 14 | 8.5 | 200 | 200 | 29 | 3.7 | A08 | P |
| 144V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 8 | 200 | | 6 | 1.4 | B5 | T |
| 154V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 6 | 200 | | 9 | 2 | B5 | T |
| 163Pen | 041 230 807 0000 | 00 | 041 23* 6*5 | | 16 | 10.4 | 200 | 175 | 53 | 9.5 | B9A | P |
| 164V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 9 | 200 | | 12 | 3.4 | B5 | T |
| 171DDP | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 2 | 200 | 125 | 5 | 2.2 | B9A | DDP |
| 181 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 30 | 200 | | 16 | 1 | UX4 | T |
| 182 | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 45 | 200 | | 18 | 1.5 | UX4 | T |
| 182B | | | 264 300 000 | | 5 | 35 | 250 | | 18 | 1.5 | UX4 | T |
| 183 | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 60 | 250 | | 30 | 1.7 | UX4 | T |
| 185BT | 020 740 310 0000 | 80 | 020 540 310 | A1 | 18 | 18 | 200 | 200 | 100 | 9.5 | A08 | P |
| 200 | 200 300 000 0000 | 90 | | | 2.5 | | | | 15 | | UX4 | R |
| 200A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | | 60 | | 1.5 | 0.7 | UX4 | T |
| 202DDT | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 20 | 3 | 200 | | 3 | 2.4 | B7 | DDT |
| 202MPG | 747 231 800 0000 | 40 | 545 213 600 | G1 | 20 | 1.5 | 200 | 100 | 3 | 1.3 | B7 | H |
| 202SPB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 20 | 1.5 | 250 | 100 | 4.8 | 2.8 | B7 | P |
| 202STH | 840 231 000 0000 057 231 800 0000 | 50 50 | 645 231 700 | G1 | 20 | 1.5 1.5 | 100 200 | | 2 1 | | B7 | TH |
| 202VP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 20 | 1.5 | 250 | 100 | 4.3 | 2.2 | B7 | P |
| 202VPB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 20 | 1.5 | 250 | 100 | 4.3 | 2.2 | B7 | P |
| 203THA | 747 231 800 0000 | 40 | 545 231 600 | G1 | 20 | 2 | 250 | 100 | 3.5 | 0.85 | B7 | H |
| 205D | 284 300 000 0000 | 00 | 264 300 000 | | 3.5 | 29 | 400 | | 30 | 0.95 | UX4 | T |
| 205E | 284 300 000 0000 | 00 | 264 300 000 | | 4.5 | 22.5 | 350 | | 29 | 1.9 | UX4 | T |
| 205F | 284 300 000 0000 | 00 | 264 300 000 | | 4.5 | 18 | 300 | | 31 | 1.7 | UX4 | T |
| 210DDT | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1 | 100 | | 2.3 | 1.1 | B5 | DDT |
| 210DET | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 3 | 1.1 | B4 | T |
| 210DPT | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 60 | 2.9 | 1.3 | B7 | P |
| 210HF | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1.6 | 1.5 | B4 | T |
| 210HPT | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 175 | 7.5 | 2.5 | B5 | P |
| 210LF | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 4.8 | 1.4 | B4 | T |
| 210PG | | | 645 230 700 | G1 | 2 | 0 | 150 150 | | 1.1 0.4 | | B7 | H |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 210RC | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 0.8 | 0.8 | B4 | T |
| 210SPT | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 60 | 1.9 | 1.1 | B7 | P |
| 210T | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 32 | 350 | | 16 | 1.5 | UX4 | T |
| 210VPA | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 60 | 2.9 | 1.1 | B7 | P |
| 210VPT | 041 231 700 0000 | 80 | 041 231 500 | A1 | 2 | 1 | 150 | 60 | 1.9 | 1.1 | B7 | P |
| 213 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 30 | | UX4 | RR |
| 213Pen | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21 | 22 | 200 | 200 | 45 | 6.2 | B9A | P |
| 215P | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 10 | 2.2 | B4 | T |
| 215SG | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 1.4 | 1.1 | B4 | P |
| 217A | 229 300 000 0000 | 00 | 228 300 000 | | 10 | | | | 120 | | UX4 | R |
| 220 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 15 | | UX4 | R |
| 220B | 458 230 800 0000 | 00 | 446 230 700 | | 2 | 3 | 150 | | 5.0 | 1.5 | B7 | TT |
| 220DD | 9X2 310 000 0000 | 00 | 892 310 000 | | 2 | | | | | | B5 | DD |
| 220HPT | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 8 | 2.5 | B5 | P |
| 220IPT | 040 230 700 0000 | 80 | 040 230 500 | A1 | 2 | 1.5 | 150 | 60 | 2.2 | 1 | B7 | P |
| 2200T | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B5 | P |
| 220P | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 11 | 2.2 | B4 | T |
| 220PA | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 10 | 4 | B4 | T |
| 220PT | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 9 | 150 | 150 | 19 | 2.5 | B5 | P |
| 220SG | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 1.5 | 1.6 | B4 | P |
| 220TH | 840 320 000 0000 | 50 | 645 230 700 | G1 | 2 | 3 | 100 | | 1.7 | 1.2 | B7 | TH |
| | 057 320 800 0000 | 50 | | | | | 150 | 60 | 0.6 | 0.6 | | |
| 220VS | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 100 | 60 | 2 | 1.6 | B4 | P |
| 220VSG | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 60 | 2.6 | 1.5 | B4 | P |
| 225DU | 092 323 X00 0000 | 00 | 082 323 900 | | 2 | | | | 15 | | B7 | RR |
| 230 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 20 | 150 | | 18 | 3 | B4 | T |
| 230 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 5 | | | | 30 | | UX4 | R |
| 230PT | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 15 | 150 | 150 | 14 | 2 | B5 | P |
| 230XP | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 18 | 150 | | 22 | 3 | B4 | T |
| 231D | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 3 | 90 | | 2.1 | 8.4 | UX4 | T |
| 240B | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 8.5 | | B7 | TT |
| 240QP | 548 237 800 0000 | 00 | 446 253 700 | | 2 | 12 | 150 | 150 | 6 | 2.5 | B7 | PP |
| 244 | 284 130 000 0000 | 00 | 264 130 000 | | 2 | 6 | 150 | | 5.5 | 1 | UX5 | T |
| 244V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 5.5 | 200 | | 5.5 | 2.8 | B5 | T |
| 245A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 1.5 | 150 | 50 | 4.8 | 0.6 | UX5 | P |
| 246A | 387 200 000 0000 | 40 | 365 200 000 | G1 | 3.3 | 1.5 | 150 | 40 | 1.5 | 0.4 | UX4 | P |
| 247A | 208 040 030 0000 | 00 | 206 040 030 | | 2 | 4.5 | 150 | | 3.2 | 0.9 | A08 | T |
| 248A | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | | 150 | 125 | 5.5 | 1.8 | A08 | P |
| 249B | 223 300 000 0000 | 90 | 223 300 000 | D1 | 2.5 | | | | 120 | | UX4 | R |
| 252A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 50 | 400 | | 60 | 3.4 | UX4 | T |
| 255 | 289 X43 000 0000 | 00 | 268 943 000 | | 2 | 3 | 150 | | 0.8 | 0.6 | UX6 | DDT |
| 257 | 284 730 000 0000 | 00 | 264 530 000 | | 5 | 21.5 | 100 | 100 | 20 | 1.3 | UX5 | P |
| 257A | 280 300 000 0000 | 40 | 260 300 000 | G1 | 3.1 | 3 | 90 | | 2.1 | 0.5 | UX4 | T |
| 259A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 1.5 | 200 | 75 | 5.5 | 1.4 | UX5 | P |
| 259B | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 1.2 | 200 | 75 | 5.5 | 1.4 | UX5 | P |
| 262B | 281 300 000 0000 | 40 | 261 300 000 | G1 | 10 | 4.5 | 150 | | 2.8 | 0.9 | UX4 | T |
| 264 | 284 300 000 0000 | 00 | 264 300 000 | | 1.1 | 9 | 150 | | 2.5 | 0.6 | UX4 | T |
| 264C | 284 300 000 0000 | 00 | 264 300 000 | | 1.5 | 8 | 100 | | 2.1 | 0.6 | UX4 | T |
| 264E | 284 300 000 0000 | 00 | 264 300 000 | | 1.4 | 8 | 100 | | 2.1 | 0.6 | UX4 | T |
| 271A | 284 130 000 0000 | 00 | 264 130 000 | | 5 | 30 | 400 | | 37.5 | 2.9 | UX5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 272A | 284 130 000 0000 | 00 | 264 130 000 | | 10 | 15 | 150 | | 5.4 | 0.7 | UX5 | T |
| 274A | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 275A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 4.5 | 200 | | 47 | 2.7 | UX4 | T |
| 281A | 284 730 000 0000 | 00 | 264 530 000 | | 5 | 60 | 150 | 75 | 35 | 1.5 | UX5 | P |
| 283A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 1.5 | 200 | 75 | 5.9 | 1.3 | UX5 | P |
| 285 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2 | 12 | 200 | 150 | 8.8 | 0.9 | UX5 | P |
| 286A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 2 | 1.5 | 200 | 75 | 6.2 | 1.2 | UX6 | P |
| 290A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 1.5 | 200 | 75 | 5.4 | 1.2 | UX6 | P |
| 291A | 287 841 300 0000 | 40 | 275 641 300 | G1 | 10 | [7.5 | 200 | 75 | 3.1 | | B7 | H |
| 292A | 289 X13 000 0000 | 40 | 268 913 000 | G1 | 10 | 6 | 150 | | 2.1 | 0.6 | UX6 | DDT |
| 293A | 287 413 000 0000 | 00 | 265 413 000 | | 10 | 18 | 200 | 200 | 14.5 | 1 | UX6 | P |
| 300A | 284 300 000 0000 | 00 | 364 200 000 | | 5 | 97 | 400 | | 80 | 1.3 | UX4 | T |
| 302 | [847 231 800 0000 | 50] | 645 231 700 | G1 | 30 | [2 | 100 | | 1.5 | | | |
| | 057 231 800 0000 | 50] | | | | 2 | 250 | 100 | 3.5 | 0.9 | B7 | TH |
| 303A | 289 X43 000 0000 | 00 | 268 943 000 | | 2 | 6 | 150 | | 2 | 0.6 | UX6 | DDT |
| 304AC | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 1.9 | B5 | P |
| 309A | 287 413 000 0000 | 00 | 265 413 000 | | 10 | 1.5 | 200 | 75 | 4.3 | 1.1 | UX6 | P |
| 310A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 3 | 150 | 150 | 5.5 | 1.8 | UX6 | P |
| 311A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 10 | 15 | 150 | 150 | 30 | 2.8 | UX5 | P |
| 311SU | 290 000 130 0000 | 00 | 28* *** 130 | | 31 | | 225 | | 100 | | B8A | R |
| 324A | 200 300 000 0000 | 90 | 200 300 000 | D1 | 5 | | | | 5 | | UX4 | R |
| 328A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | 3 | 150 | 150 | 5.5 | 1.8 | UX6 | P |
| 329A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 7.5 | 15 | 150 | 150 | 37.5 | 3.3 | UX5 | P |
| 332Pen | 028 740 310 0000 | 00 | 026 540 310 | | 33 | 8.5 | 200 | 200 | 45 | 8 | A08 | P |
| 336A | 287 413 000 0000 | 00 | 265 413 000 | | 10 | 14 | 250 | 250 | 30 | 4.2 | UX6 | P |
| 337A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 3 | 150 | 150 | 6.3 | 1.6 | UX6 | P |
| 345A | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 60 | | UX5 | RR |
| 347A | 020 800 310 0000 | 40 | 020 600 310 | G1 | 6 | 4.6 | 150 | | 2.8 | 0.9 | A08 | T |
| 349A | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 14 | 250 | 250 | 30 | 4.2 | A08 | P |
| 350B | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 20 | 400 | 250 | 85 | 6.2 | A08 | P |
| 351A | 029 0X0 310 0000 | 00 | 028 090 310 | | 6.3 | | | | 120 | | A08 | RR |
| 352A | 289 X13 000 0000 | 40 | 268 913 000 | G1 | 10 | 6 | 100 | | 2.1 | 0.6 | UX6 | DDT |
| 354V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 250 | | 6.5 | 3.6 | B5 | T |
| 361A | 243 780 000 0000 | 00 | 243 560 000 | | 1.4 | | 50 | 40 | 0.4 | 0.6 | UX5 | P |
| 362A | 243 780 000 0000 | 00 | 243 560 000 | | 1.4 | | 50 | 50 | 1.3 | 0.5 | UX5 | P |
| 367A | 080 724 310 0000 | 00 | 060 524 310 | | 6 | 20 | 400 | 250 | 85 | 6.2 | A08 | P |
| 373A | 021 477 380 0000 | 00 | 021 455 360 | | 2 | | 150 | 150 | 2 | 1.3 | A08 | P |
| 374A | 021 407 380 0000 | 00 | 021 405 360 | | 3 | | 150 | 125 | 18 | 3 | A08 | P |
| 375A | 028 740 310 0000 | 00 | 026 540 310 | | 20 | | 40 | 40 | 12 | 4.7 | A08 | P |
| 381A | 120 090 300 0000 | 00 | 120 080 300 | | 6.3 | | | | 5 | | A08 | D |
| 383A | 120 408 030 0000 | 00 | 120 406 030 | | 6 | | 150 | | 7.5 | 2.8 | A08 | T |
| 385A | 127 040 130 0000 | 00 | 125 040 130 | | 6 | | 150 | | 7.5 | 2.5 | A08 | P |
| 387A | 127 040 130 0000 | 00 | 125 040 130 | | 6 | | 150 | | 5.6 | 4 | A08 | P |
| 396A | 214 808 513 0000 | 00 | 214 607 413 | | 6.3 | 2.2 | 150 | | 8.2 | 5.5 | B9A | TT |
| 401A | 287 300 000 0000 | 00 | 265 300 000 | | 5 | 9 | 50 | | 1.5 | 0.8 | UX4 | T |
| 402 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 40 | 200 | | 40 | 1 | UX4 | T |
| 402-OT | 007 231 800 0000 | 40 | 005 231 600 | G1 | 40 | 12 | 250 | 250 | 32 | 7 | B7 | P |
| 402P | 000 231 800 0000 | 40 | 000 231 600 | G1 | 4 | 15 | 200 | | 27 | 5.5 | B7 | T |
| 402Pen | 007 231 800 0000 | 40 | 005 231 600 | G1 | 40 | 6.7 | 200 | 200 | 40 | 7 | B7 | P |
| 402PenA | 007 231 800 0000 | 40 | 005 231 600 | G1 | 40 | 9 | 150 | 150 | 56 | 8 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 403A | 413 287 100 0000 | 00 | 413 265 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.4 | B7G | P |
| 403B | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 200 | 125 | 7.7 | 5.1 | B7G | P |
| 404A | 402 108 073 0000 | 00 | 402 106 053 | | 6.3 | | 150 | 150 | 13.5 | 12.5 | B9A | P |
| 405BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| 406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 150 | | 5.5 | 0.5 | B4 | T |
| 407A | 214 838 512 0000 | 00 | 214 637 412 | | 20 | 2 | 150 | | 8.2 | 5.5 | B9A | TT |
| 408A | 412 387 100 0000 | 00 | 412 365 100 | | 20 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| 408BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| 409A | 410 087 100 0000 | 00 | 410 065 100 | | 6.3 | | 150 | 125 | 5.2 | 3.2 | B7G | P |
| 410HF | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 200 | | 0.2 | 0.2 | B4 | T |
| 410P | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 250 | | 12 | 1.8 | B4 | T |
| 410PT | 482 370 000 0000 | 00 | 462 350 000 | | 4 | 1 | 100 | 150 | | 2.5 | B5 | P |
| 410RC | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 200 | | 0.2 | 0.2 | B4 | T |
| 410SG | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 200 | 100 | 4.5 | 0.9 | B4 | P |
| 412BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 412SU | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 60 | | B4 | R |
| 415PT | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| 415SP | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 18 | 150 | | 11 | 1.6 | B4 | T |
| 417A | 802 441 443 0000 | 00 | 602 441 443 | | 6.3 | 1.5 | 150 | | 25 | 25 | B9A | T |
| 420T | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 4.4 | 250 | 250 | 40 | 10.5 | B7 | P |
| 425PT | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 250 | 150 | 12 | 1.3 | B5 | P |
| 431U | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 435A | 402 108 073 0000 | 00 | 402 106 053 | | 6 | 10 | 200 | 150 | 13 | 16.3 | B9A | P |
| 436A | 211 403 708 0000 | 00 | 211 403 506 | | 6.3 | 1.4 | 200 | 150 | 23 | 32 | B9A | P |
| 437A | 304 002 118 0000 | 00 | 304 002 116 | | 6 | 10 | 150 | | 40 | | B9A | T |
| 441U | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 446A/B | 021 000 310 0000 | 84 | 021 000 310 | A1/G1 | 6 | 3 | 250 | | 15 | 4.5 | A08 | T |
| 450 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 55 | 250 | | 50 | 3.5 | B4 | T |
| 450 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | | 400 | | 55 | 2.1 | UX4 | T |
| 450AC | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 3.5 | 3 | B5 | P |
| 451 | 9X2 300 000 0000 | 00 | 892 300 000 | | 1.8 | | | 16 | | 650 | B4 | RR |
| 451PT | 280 074 130 0000 | 00 | 26* *54 130 | | 45 | 9 | 200 | 200 | 54.5 | 9.5 | B8A | P |
| 451U | 923 X00 000 0000 | 00 | 823 900 000 | | 4 | | | | 120 | | B4 | RR |
| 460BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 482A | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 45 | 200 | | 18 | 1.5 | UX4 | T |
| 482B | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 35 | 250 | | 18 | 1.5 | UX4 | T |
| 483 | 842 310 000 0000 | 00 | 264 300 000 | | 5 | 60 | 250 | | 30 | 1.7 | UX4 | T |
| 484V | 842 310 000 0000 | | 642 310 000 | | 4 | 2.5 | 200 | | 0.2 | 1.2 | B5 | T |
| 485 | 284 130 000 0000 | 00 | 264 130 000 | | 3 | 9 | 200 | | 5.8 | 1.4 | UX5 | T |
| 486 | 028 040 300 0000 | 00 | 026 040 300 | | 3 | 3 | 90 | | 3 | 0.6 | A08 | T |
| 500 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 501 | 873 420 000 0000 | 00 | 653 420 000 | | 1.4 | 0 | 40 | 40 | 1 | 0.8 | B5A | P |
| 502 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 40 | 40 | 8.6 | 0.5 | B5A | P |
| 503 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 40 | 40 | 0.8 | 0.5 | B5A | P |
| 505 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 0 | 40 | 30 | 0.1 | 0.1 | B5A | P |
| 506 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 506AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 4.5 | 40 | 40 | 1.2 | 0.5 | B5A | P |
| 506BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 506K | 9X2 300 000 0000 | 00 | 892 300 000 | | 2 | 2 | | | 30 | | B4 | RR |
| 507AX | 287 438 200 0000 | 00 | 265 436 200 | | 1.2 | | 40 | 40 | 0.9 | 0.5 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 509 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2 | | | | 60 | | B4 | RR |
| 509AX | 834 200 000 0000 | 00 | 634 200 000 | | 0.6 | 2 | 40 | | 0.1 | 0.1 | B5A | T |
| 511D | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 512AX | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 0.6 | 20 | 20 | 0.1 | 0.1 | B5A | P |
| 515BX | 834 200 000 0000 | 00 | 634 200 000 | | 0.6 | | 40 | | 0.1 | 0.1 | B5A | T |
| 516AX | 803 420 000 0000 | 00 | 603 420 000 | | 0.6 | 0.6 | 22.5 | | 0.1 | 0.2 | B5A | T |
| 518AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 40 | 40 | 0.8 | 0.5 | B5A | P |
| 520AX | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 2.5 | 40 | 40 | 0.2 | 0.1 | B5A | P |
| 521AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3 | 20 | 20 | 0.8 | 0.4 | B5A | P |
| 522AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| 523AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| 524AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.7 | 12 | 12 | 0.4 | 0.3 | B5A | P |
| 525AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| 526AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 20 | 20 | 0.4 | 0.4 | B5A | P |
| 527AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.1 | 0.2 | B5A | P |
| 528AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| 529AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 12 | 12 | 0.3 | 0.3 | B5A | P |
| 532DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.4 | 0.4 | B5A | P |
| 533DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| 535AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 15 | | 0.3 | 0.3 | B5A | P |
| 537AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 20 | 20 | 0.4 | 0.4 | B5A | P |
| 538A | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | 10 | 5.5 | 5.5 | B9A | TT |
| 539DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.4 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| 541DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 30 | 30 | 0.2 | 0.4 | B5A | P |
| 542A | 802 304 100 0000 | 00 | 602 304 100 | | 6 | 2 | 250 | | 10 | 5.5 | B7G | T |
| 542DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| 542DXS | | | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| 543 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2.5 | 200 | | 9.5 | 3.8 | B8D | T |
| 544A | 802 384 100 0000 | 00 | 602 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| 544DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 30 | 30 | 0.1 | 0.3 | B5A | P |
| 546A | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| 546DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| 547A | 120 417 380 0000 | 00 | | | 6 | 3 | 300 | 150 | 30 | 11 | A08 | P |
| 547DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 40 | 30 | 0.2 | 0.4 | B5A | P |
| 548A | 982 344 000 0000 | 00 | 762 344 100 | | 6 | 0.8 | 100 | | 8.5 | 5.3 | B7G | TT |
| 548DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3 | 150 | | 5 | 4.5 | | |
| 549A | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | 1.4 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| 550A | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | B7G | DD |
| 553AXA | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 0 | 20 | 20 | 0.4 | 0.5 | B5A | P |
| 559 | 021 010 030 0000 | 90 | 021 010 030 | D1 | 6.3 | | | | 27 | | A08 | R |
| 568AX | 803 420 000 0000 | 00 | 603 420 000 | | 1.2 | 5.5 | 135 | | 1.9 | 0.6 | B5A | T |
| 569AX | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 1.8 | 1.1 | B5A | P |
| 573AX | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 4 | 90 | | 11 | 2 | B5A | T |
| 574AX | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 0.6 | 20 | 20 | 0.1 | 0.1 | B5A | P |
| 578 | 901 23X 148 0000 | 00 | 811 239 146 | | 4.7 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| 605 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 6 | 150 | | 10 | 1.4 | B4 | T |
| 608CX | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | 2 | 150 | | 9 | 5 | B5A | T |
| 612BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 6 | | | | 30 | | B4 | RR |
| 615 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 41 | 150 | | 4 | 1.4 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|--------------------|------------------------------------|------------|------|------|-----|-----|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 619CX | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | 2 | 250 | | 4 | 4 | B5A | T |
| 620T | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 99 | 400 | | 62 | 2.3 | B4 | T |
| 635GTX | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 20 | 350 | | 20 | | A08 | T |
| 660 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 100 | 400 | | 120 | 2.3 | B4 | T |
| 660T | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1 | 100 | | 7.4 | 7.4 | B4 | T |
| 680XP | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 100 | 400 | | 3.5 | 1.1 | B4 | T |
| 713A | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 125 | | 7.5 | 4 | A08 | P |
| 731A | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| 801 | 384 200 000 0000 | 00 | 364 200 000 | | 7.5 | 15 | 400 | | 60 | 2.5 | UX4 | T |
| 802 | 207 411 300 0000 | 80 | 205 411 300 | A1 | 6 | 18 | 400 | 250 | 30 | 2.2 | UX7 | P |
| 805 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 6 | 150 | | 10 | 1.4 | B4 | T |
| 807 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 12.5 | 400 | 250 | 83 | 6.5 | UX5 | P |
| 816 | 200 300 000 0000 | 90 | 300 300 000 | D1 | 2.5 | | | | 120 | | UX4 | R |
| 825 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | | 150 | | 6 | 1.4 | B4 | T |
| 825BU | 9X2 300 000 0000 | 00 | 892 300 000 | | 7.5 | | | | 60 | | B4 | RR |
| 829B | [247 135 200 0000 247 135 200 0000 247 135 200 0000] | [08 80 80] | 245 134 200 | A1/A2 | 6.3 | 55 | 300 | 250 | 25 | 1.9 | B7A | PP |
| 832 | [247 135 200 0000 247 135 200 0000] | [80 08] | 245 134 200 | A1/A2 | 6.3 | 60 | 150 | 125 | 30 | 3.5 | B7A | PP |
| 836 | 200 000 300 0000 | 90 | 2** 00* 300 | D1 | 2.5 | | | | 120 | | B7G | R |
| 837 | 207 411 300 0000 | 00 | 205 411 300 | | 12.6 | 40 | 400 | 150 | 45 | | UX7 | P |
| 840 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 2 | 3 | 200 | 75 | 1 | 0.4 | UX5 | P |
| 841 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 1 | 100 | | | 0.7 | UX4 | T |
| 842 | 284 130 000 0000 | 00 | 264 130 000 | | 7.5 | 100 | 400 | | 25 | 1.2 | UX5 | T |
| 843 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 25 | 350 | | 25 | 1.7 | UX5 | T |
| 864 | 384 200 000 0000 | 00 | 364 200 000 | | 1.1 | 4.5 | 90 | | 2.9 | 0.6 | UX4 | T |
| 871 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 120 | | UX4 | R |
| 879 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 5 | | UX4 | R |
| 884 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | | 300 | | 55 | 4k | A08 | THY |
| 885 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | | 300 | | 55 | 4k | UX5 | THY |
| 904V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 200 | | 2 | 2 | B5 | T |
| 950 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 16.5 | 200 | 150 | 7 | 0.9 | B7 | P |
| 951 | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 3 | 200 | 60 | 1.7 | 0.6 | UX4 | P |
| 952F | 299 310 000 0000 | 00 | 288 310 000 | | 6.3 | | | | 2 | | 5AA | D |
| 954 | 213 174 000 0000 | 80 | 213 154 000 | A1 | 6.3 | 3 | 250 | 100 | 2 | 1.4 | 7AA | P |
| 955 | 284 310 000 0000 | 00 | 264 310 000 | | 6.3 | 7 | 250 | | 6.3 | 2.2 | 5AA | T |
| 956 | 213 174 000 0000 | 80 | 213 154 000 | A1 | 6 | 3 | 250 | 100 | 6.7 | 1.8 | 7AA | P |
| 957 | 322 480 000 0000 | 00 | 322 460 000 | | 1.2 | 5 | 150 | | 2 | 0.6 | 5AA | T |
| 958 | 384 220 000 0000 | | 364 220 000 | | 1.2 | 7.5 | 135 | | 3 | 1.2 | 5AA | T |
| 958A | 322 480 000 0000 | 00 | 364 220 000 | | 1.2 | 20 | 150 | | | | 5AA | T |
| 959 | 322 174 000 0000 | 80 | 322 154 000 | A1 | 1.2 | 3 | 150 | 60 | 1.7 | 0.6 | 7AA | P |
| 985 | 29X 130 000 0000 | 00 | 289 130 000 | | 5 | | | | 30 | | UX5 | RR |
| 986 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 994V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 0.5 | 100 | | | 3.6 | B5 | T |
| 1002 | 903 300 000 0000 | 00 | 802 300 000 | | 1.8 | | | | 60 | | B4 | R |
| 1005 | 009 0X2 030 0000 | 00 | 008 092 030 | | 6.3 | | | | 30 | | A08 | RR |
| 1006 | 29X 300 000 0000 | 00 | 289 300 000 | | 1.7 | | | | 120 | | UX4 | RR |
| 1007 | 009 0X0 230 0000 | 00 | 008 090 230 | | 1.0 | | | | 60 | | A08 | RR |
| 1012 | 29X 300 000 0000 | 00 | 289 300 000 | | 1.7 | | | | 120 | | UX4 | RR |
| 1028 | 202 322 200 0000 | 90 | 202 322 200 | D1 | 6 | | | | 60 | | B7G | R |
| 1103 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 2 | 250 | | 1.5 | 1.5 | B7 | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 1130 | 9X2 300 000 0000 | 00 | 892 300 000 | | 1.8 | | | | 1.3 | | B4 | DD |
| 1201 | 428 141 830 0000 | 00 | 426 141 630 | | 6 | 3 | 200 | | 5.5 | 3 | B8B | T |
| 1201 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | DD |
| 1203 | 200 900 130 0000 | 00 | 200 800 130 | | 6 | | | | 5 | | B8B | D |
| 1204 | 728 141 310 0000 | 00 | 526 141 310 | | 6 | 2 | 250 | 100 | 1.7 | 1.2 | B8B | P |
| 1206 | 287 451 830 0000 | 00 | 265 441 730 | | 6 | 2.5 | 250 | 100 | 4.5 | 2.1 | B8B | PP |
| 1216 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 2.3 | 100 | | 4.8 | 3.4 | B7G | TT |
| 1217 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 75 | 75 | 6.3 | 2 | B7G | H |
| 1221 | 187 113 000 0000 | 40 | 165 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| 1222 | 287 403 100 0000 | 00 | 265 403 100 | | 6.3 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| 1223 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| 1229 | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 3 | 150 | 75 | 1.7 | 0.6 | UX4 | P |
| 1230 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 9 | 150 | | 3 | | UX4 | T |
| 1231 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 30 | 300 | 200 | 13 | 6.3 | B8B | P |
| 1232 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 250 | 100 | 6 | 4.5 | B8B | P |
| 1236A | 333 992 220 0000 | 00 | 333 882 220 | | 2 | | | | | | A08 | D |
| 1238 | 257 881 430 0000 | 00 | 245 671 430 | | 28 | 3.5 | 40 | 30 | 12.5 | 3.4 | B8B | PP |
| 1247 | 000 230 000 0000 | 90 | 000 230 000 | D1 | 0.6 | | | | 0.4 | | B8A | D |
| 1273 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 3 | 250 | 100 | 2.2 | 1.5 | B8B | P |
| 1274 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| 1275 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 120 | | UX4 | RR |
| 1276 | 284 300 000 0000 | 00 | 264 300 000 | | 4.3 | 45 | 250 | | 60 | 5.2 | UX4 | T |
| 1280 | 287 104 130 0000 | 00 | 265 104 130 | | 12.5 | 3 | 250 | 100 | 2.2 | 1.5 | B8B | P |
| 1282 | 287 114 130 0000 | 00 | 265 114 130 | | 6 | 2 | 300 | 150 | 10 | 5.8 | B8B | P |
| 1284 | 287 104 103 0000 | 00 | 265 104 130 | | 12.5 | 3 | 250 | 100 | 9 | 2 | B8B | P |
| 1288 | 384 250 830 0000 | 00 | 364 240 730 | | 1.4 | | 90 | | 5.2 | 1.8 | A08 | TT |
| 1291 | 284 305 820 0000 | 00 | 274 304 620 | | 1.4 | | 90 | | 5.2 | 1.8 | A08 | TT |
| 1292 | 384 205 830 0000 | 00 | 364 204 730 | | 1.4 | | 90 | | 5.2 | 1.8 | A08 | TT |
| 1293 | 280 084 030 0000 | 00 | 260 064 030 | | 1.4 | 0 | 90 | | 5.2 | 1.3 | B8B | T |
| 1294 | 200 900 130 0000 | 00 | 200 800 130 | | 1.4 | | | | 1 | | A08 | D |
| 1299 | 387 004 230 0000 | 00 | 365 004 230 | | 1.4 | 4.5 | 150 | 90 | 10.2 | 2.4 | B8B | P |
| 1560 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| 1560 | 9X2 300 000 0000 | 00 | 892 300 0000 | | 5 | | | | 60 | | B4 | RR |
| 1561 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 1562 | 290 300 000 0000 | 00 | 280 300 000 | | 7.5 | | | | 120 | | UX4 | R |
| 1602 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 23.5 | 250 | | 10 | 1.3 | UX4 | T |
| 1603 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| 1608 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 90 | 400 | | 95 | | UX4 | T |
| 1609 | 384 720 000 0000 | 00 | 364 520 000 | | 1.1 | 1.5 | 150 | 75 | 2.5 | 0.7 | UX5 | P |
| 1610 | 284 730 000 0000 | 00 | 264 530 000 | | 2.5 | 16.5 | 250 | 250 | 31 | 2.5 | UX5 | P |
| 1611 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | A08 | P |
| 1612 | 028 740 310 0000 | 40 | 026 540 310 | G1 | 6 | 3 | 250 | 100 | 5.3 | 1.1 | A08 | H |
| 1613 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | A08 | P |
| 1614 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| 1616 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 120 | | UX4 | R |
| 1619 | 028 740 310 0000 | 00 | 026 540 310 | | 2.5 | 10 | 300 | 250 | 45 | 4.5 | A08 | P |
| 1620 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| 1621 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 3.5 | A08 | P |
| 1624 | 207 401 300 0000 | 80 | 205 401 300 | A1 | 2.5 | 10 | 300 | 250 | 45 | 4.5 | UX7 | P |
| 1625 | 207 401 300 0000 | 80 | 205 401 300 | A1 | 12 | 12.5 | 400 | 250 | 83 | 6.5 | UX7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 1626 | 028 040 310 0000 | 00 | 026 040 310 | | 12.5 | 32 | 250 | | 20 | 2.1 | A08 | T |
| 1629 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 8 | 250 | 250 | 0.2 | 11.0 | A08 | TI |
| 1631 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| 1632 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 8 | 200 | 100 | 50 | 9.5 | A08 | P |
| 1633 | 581 481 230 0000 | 00 | 471 461 230 | | 25 | 8 | 250 | | 11.5 | 2.6 | A08 | TT |
| 1634 | 085 481 230 0000 | 00 | 074 461 230 | | 12.5 | 2 | 250 | | 2 | 1.3 | A08 | TT |
| 1635 | 028 548 310 0000 | 00 | 027 446 310 | | 6 | 0 | 300 | | 3.5 | 0.9 | A08 | TT |
| 1637 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 18 | 250 | 250 | 32 | 3.8 | A08 | P |
| 1638 | 02X 190 310 0000 | 00 | 029 180 310 | | 6 | | | | | | A08 | DD |
| 1639 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 5.5 | 250 | | 5 | 2 | A08 | DDT |
| 1641 | 200 300 000 0000 | 9X | 200 300 000 | D1/D2 | 5 | | | | 120 | | UX4 | RR |
| 1641/RK60 | 200 300 000 0000 | 9X | 200 300 000 | D1/D2 | 5 | | | | 50 | | UX4 | RR |
| 1642 | 218 481 300 0000 | 50 | 216 471 300 | G1 | 6 | 16.5 | 250 | | 8.3 | 1.4 | UX7 | TT |
| 1644 | 514 872 380 0000 | 00 | 414 752 360 | | 12.5 | 9 | 200 | 200 | 13 | 2.1 | A08 | PP |
| 1649 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 1654 | 200 000 300 0000 | 90 | 2** 00* 300 | D1 | 1.4 | | | | | | B7G | D |
| 1655 | 085 481 230 0000 | 00 | 074 461 230 | | 6 | 2 | 250 | | 2 | 1.3 | A08 | TT |
| 1659 | 289 X13 000 0000 | 40 | 268 913 000 | G1 | 2.5 | 2 | 250 | | 0.9 | 1.1 | UX6 | DDT |
| 1662 | 384 728 300 0000 | 00 | 364 526 300 | | 1.4 | 8.4 | 150 | 90 | 13.3 | 1.9 | B7G | P |
| 1664 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 2.5 | 3 | 250 | 125 | 10 | 1.3 | A08 | DDP |
| 1701 | 9X2 300 000 0000 | 00 | 892 300 000 | | 1.8 | | | | 120 | | B4 | RR |
| 1801 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| 1805 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 1810 | 003 200 000 0000 | 90 | 003 200 000 | D1 | 4 | | | | 30 | | B4 | R |
| 1815 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 1817 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| 1831 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 1832 | 092 300 000 0000 | 00 | 082 300 000 | | 4 | | | | 120 | | B4 | R |
| 1851 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 1852 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 1853 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 300 | 200 | 12.5 | 5 | A08 | P |
| 1853GT | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | 3 | 300 | 200 | 12.5 | 5 | A08 | P |
| 1861 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 1867 | 39X 200 000 0000 | 00 | 389 200 000 | | 4 | | | | 60 | | UX4 | RR |
| 1868 | 023 190 0X0 0000 | 00 | 023 180 090 | | 4 | | | | 60 | | F8 | RR |
| 1875 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 4 | | | | 5 | | 8SC | R |
| 1876 | 123 000 090 0000 | 00 | 123 000 080 | | 4 | | | | 5 | | 8SC | R |
| 1877 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 3 | | B4 | R |
| 1881 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 1882 | 023 090 0X0 0000 | 00 | 023 080 090 | | 5 | | | | 60 | | 8SC | RR |
| 1884 | 120 X09 030 0000 | 00 | 120 908 030 | | 2.5 | | | | 15 | | A08 | RR |
| 2033 | 982 344 100 0000 | 00 | 762 344 100 | | 6 | 1 | 100 | | 9.5 | 6 | B7G | TT |
| 2051 | 028 041 310 0000 | 00 | 026 041 310 | | 6 | | 250 | | 75 | 3k | A08 | THY |
| 2101 | 284 730 000 0000 | 00 | 264 530 000 | | 2 | 4.5 | 150 | 150 | 8 | 1.7 | UX5 | P |
| 2102 | 289 X73 000 0000 | 00 | 268 953 000 | | 2 | 1 | 100 | | 2.5 | 1.3 | UX6 | DDT |
| 2103 | 285 748 300 0000 | 00 | 274 546 300 | | 2 | 7.5 | 150 | 150 | 4 | 1.5 | UX7 | PP |
| 2151 | 287 413 000 0000 | 00 | 265 413 000 | | 14 | 31 | 250 | 250 | 47 | 2.7 | UX6 | P |
| 2318 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 2506 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| 3006 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 3 | | B4 | D |
| 3041 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| 3074A | 205 140 300 0000 | 08 | 204 140 300 | A1/A2 | 6 | | 300 | | 50 | 3 | UX7 | TT |
| 3075A | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 3 | | B4 | D |
| 3310A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | | 250 | 150 | 5.6 | 2 | UX6 | P |
| 3311A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | | 200 | 150 | 33 | 3 | UX6 | P |
| 3328A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | | 250 | 150 | 5.6 | 1.9 | UX6 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 3329A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | | 200 | 125 | 31 | 2.9 | UX6 | P |
| 3481 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 13.5 | 150 | 150 | 5.5 | 1.8 | A08 | P |
| 3720 | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 1.5 | 200 | | 0.2 | 0.2 | UX4 | T |
| 3872 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 9 | 150 | | 3 | | UX4 | T |
| 3873 | 387 200 000 0000 | 40 | 365 200 000 | G1 | 2 | 3 | 150 | 75 | 1.5 | 0.6 | UX4 | P |
| 3921 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 50 | 250 | | 34 | 2.1 | UX4 | T |
| 3924 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 3 | 200 | 90 | 4 | 1 | UX5 | P |
| 4019A | 284 300 000 0000 | 00 | 264 300 000 | | 4 | | 200 | | 9.7 | 1.3 | UX4 | T |
| 4019B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 100 | | 7.5 | 1.2 | B4 | T |
| 4020A | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 2 | 150 | | 1.2 | 0.6 | UX4 | T |
| 4020B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 150 | | 1.2 | 0.6 | B4 | T |
| 4021A | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 10 | 150 | | 32.5 | 3 | UX4 | T |
| 4021B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 23 | 3 | B4 | T |
| 4022AR | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 6 | 200 | | 16.2 | 2.2 | UX4 | T |
| 4022B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 6 | 200 | | 16.2 | 2.2 | B4 | T |
| 4033 | 284 130 000 0000 | 00 | 264 130 000 | | 6 | 20 | 400 | | 50 | 9 | UX5 | T |
| 4033A | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 20 | 400 | | 50 | 9 | B5 | T |
| 4033L | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 20 | 400 | | 60 | 10 | B5 | T |
| 4037A | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| 4045A | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 70 | 250 | 60 | 43 | 1.3 | B5 | P |
| 4061A | 205 411 300 0000 | 80 | 205 411 300 | A1 | 6 | 10 | 400 | 200 | 50 | 2.5 | B7 | P |
| 4074A | 205 140 300 0000 | 88 | 204 140 300 | A1/A2 | 6 | 13 | 300 | | 15 | 3 | UX7 | TT |
| 4077A | 003 200 000 0000 | 90 | 003 200 000 | D1 | 5 | | | | 120 | | B4 | R |
| 4264A | 384 200 000 0000 | 00 | 364 200 000 | | 1.5 | | 100 | | | 0.5 | UX4 | T |
| 4274A | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 120 | | UX4 | RR |
| 4300A | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 90 | 400 | | 50 | | UX4 | T |
| 4310A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 5.5 | 250 | 150 | 5.2 | 2 | UX6 | P |
| 4328A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | 5.5 | 250 | 175 | | 2 | UX6 | T |
| 4328D | 028 710 310 0000 | 40 | 026 510 310 | G1 | 7.5 | 5.5 | 250 | 150 | 6.2 | 2 | A08 | T |
| 4605 | 284 130 000 0000 | 00 | 264 130 000 | | 1.8 | 6 | 220 | | 4 | | UX5 | T |
| 4606 | 423 800 000 0000 | 00 | 423 600 000 | | 4.5 | 9 | 130 | | 8.5 | 1 | VX4 | T |
| 4607 | 423 800 000 0000 | 00 | 423 600 000 | | 2.1 | 1.6 | 130 | | 0.7 | 0.5 | VX4 | T |
| 4608 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 6 | 150 | | 11 | 2.5 | B5 | T |
| 4609 | 423 800 000 0000 | 00 | 423 600 000 | | 4.2 | 5 | 130 | | 8 | 2.3 | UX4 | T |
| 4610 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.3 | 200 | 100 | 1.5 | 0.9 | B5 | P |
| 4611 | 384 200 000 0000 | 00 | 364 200 000 | | 6 | 40 | 200 | | 20 | 1.7 | UX4 | T |
| 4611 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 40 | 200 | | 20 | 1.7 | B4 | T |
| 4612 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 40 | 2.7 | B4 | T |
| 4613 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 22 | 250 | | 48 | 3.5 | B4 | T |
| 4614 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 200 | | 12 | 1.3 | B5 | T |
| 4617 | 423 800 000 0000 | 00 | 423 600 000 | | 4 | 0.8 | 130 | | 25 | 3 | VX4 | T |
| 4618 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.2 | B5 | P |
| 4619 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| 4623 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 6.3 | | | | 5 | | B3G | D |
| 4630 | 423 800 000 0000 | 00 | 423 600 000 | | 4.2 | 8.4 | 180 | | 8.5 | 1.3 | UX4 | T |
| 4631 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 1.5 | 150 | | 0.7 | | UX4 | T |
| 4635 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 200 | | 12 | 9 | B5 | T |
| 4636 | 742 310 000 0000 | 80 | 542 310 000 | | 4 | 2 | 200 | 100 | 3 | 2.3 | B6 | P |
| 4650 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 63 | 300 | 300 | 30 | | B5 | P |
| 4651 | 023 190 0X0 0000 | 00 | 023 180 090 | | 6.3 | | | | 60 | | 8SC | RR |
| 4652 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| 4654 | 411 230 070 0000 | 80 | 411 230 050 | A1 | 6 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| 4654K | 023 114 700 0000 | 80 | 023 114 500 | A1 | 6 | 12.5 | 250 | 275 | 72 | 8.5 | 8SC | P |
| 4654P | 411 230 070 0000 | 80 | 411 230 050 | A1 | 6 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| 4655 | 182 300 000 0000 | 00 | 462 300 000 | | 4.5 | | | | 60 | | B4 | RR |
| 4657 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 1 | 2.2 | B5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 4670 | 532 784 780 0000 | 00 | 432 564 570 | | 2 | 8.5 | 90 | 90 | 1 | | 8SC | PP |
| 4671 | 284 310 000 0000 | 00 | 264 310 000 | | 6.3 | 5 | 200 | | 4.5 | 2 | 5AA | T |
| 4672 | 713 100 000 0000 | 84 | 513 100 000 | A1/G1 | 6.3 | 3 | 90 | 90 | 1.2 | 1.1 | 5AA | P |
| 4673 | 023 110 780 0000 | 40 | 642 310 000 | G1 | 4 | 2.5 | 250 | 200 | 8 | 5 | B5 | P |
| 4673 | 842 310 000 0000 | 40 | 023 110 560 | G1 | 4 | 4 | 250 | 200 | 8 | 5 | 8SC | P |
| 4675 | 284 310 000 0000 | 00 | 264 310 000 | | 4 | 5 | 200 | | 4.5 | 2 | 5AA | T |
| 4676 | 271 310 000 0000 | 84 | 251 310 000 | A1/G1 | 4 | 3 | 250 | 100 | 2 | 1.4 | 5AA | P |
| 4677 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 4 | 250 | 250 | 0.12 | 12.0 | 8SC | TI |
| 4678 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 5 | 250 | 250 | 0.1 | 12.0 | 8SC | TI |
| 4679 | 023 110 560 0000 | 00 | 023 110 560 | | 6 | 2.5 | 250 | 200 | 8 | 5 | 8SC | P |
| 4682 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 4 | | 375 | 250 | 24 | | 8SC | P |
| 4683 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | | 350 | | 43 | | 8SC | T |
| 4684 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | | 400 | 250 | 24 | | 8SC | P |
| 4688 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | | 400 | 275 | 48 | | 8SC | P |
| 4689 | 023 740 310 0000 | 00 | 026 540 310 | | 6.3 | | 400 | 275 | 48 | | A08 | P |
| 4689 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | | 400 | 275 | 48 | | 8SC | P |
| 4694 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 7.5 | 400 | 250 | 24 | 8 | 8SC | P |
| 4695 | 271 310 000 0000 | 84 | 251 310 000 | A1/G1 | 6.3 | 3 | 250 | 100 | 6.7 | 1.7 | 5AA | P |
| 4696 | 023 190 780 0000 | 40 | 023 180 560 | G1 | 6.3 | 2.5 | 250 | 150 | 8 | 14 | F8 | DP |
| 4699 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 12.5 | 300 | 300 | 55 | 13 | 8SC | P |
| 5222 | 402 813 080 0000 | 00 | 402 613 060 | | 6.3 | 1 | 100 | | 0.7 | 1.7 | B8D | T |
| 5516 | 237 242 300 0000 | 80 | 235 242 300 | A1 | 3 | 14 | 400 | 250 | 75 | 4 | A08 | P |
| 5556 | 284 300 000 0000 | 00 | 264 300 000 | | 4.5 | 30 | 350 | | 9 | 0.9 | UX4 | T |
| 5590 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 4.5 | 90 | 90 | 3.9 | 2 | B7G | P |
| 5591 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.9 | 200 | 125 | 7.7 | 5 | B7G | P |
| 5603 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 12.5 | 150 | 150 | 50 | 5.4 | A08 | P |
| 5608 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 12 | 150 | 125 | 7.5 | 5 | B7G | P |
| 5610 | 812 384 000 0000 | 00 | 612 364 000 | | 6 | 1.5 | 90 | | 17 | 4 | B7G | T |
| 5618 | 287 134 200 0000 | 00 | 265 134 200 | | 3 | 8 | 300 | 75 | 19 | 3.5 | B7G | P |
| 5635 | 452 083 810 0000 | 00 | 442 *63 710 | | 6 | 0.5 | 100 | | 4.8 | | B8B | TT |
| 5636 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 5.3 | 3.3 | B8D | P |
| 5637 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | | 100 | | 1.4 | 2.7 | B8B | T |
| 5639 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 2.6 | 150 | 100 | 21 | 9 | B8D | P |
| 5640 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 6 | 100 | 100 | 31 | 5 | B8B | P |
| 5641 | 092 913 090 0000 | 00 | 082 813 080 | | 6 | | | | 30 | | B8D | R |
| 5642 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 1.2 | | | | 0.25 | | B3G | D |
| 5643 | 812 113 410 0000 | 00 | 612 113 410 | | 6.3 | | 400 | | 75 | 5kΩ | B8D | THY |
| 5645 | 812 430 000 0000 | 00 | 612 430 000 | | 6.3 | 2.8 | 100 | | 5 | 2.7 | B5B | T |
| 5646 | 812 430 000 0000 | 00 | 612 430 000 | | 6.3 | 1.1 | 100 | | 1.4 | 2.4 | B5B | T |
| 5647 | 391 290 000 0000 | 00 | 381 280 000 | | 6 | | | | 5.0 | | B5A | D |
| 5654 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| 5656 | 754 231 881 0000 | 00 | 544 231 761 | | 6.3 | 2 | 150 | 125 | 15 | 5.8 | B9A | PP |
| 5659 | 028 740 310 0000 | 00 | 026 540 310 | | 12.5 | 12.5 | 250 | 250 | 32 | 3 | A08 | P |
| 5660 | 028 9X7 310 0000 | 40 | 026 895 310 | G1 | 12.5 | 3 | 250 | 125 | 10 | 1.3 | A08 | DDP |
| 5661 | 021 417 380 0000 | 00 | 021 415 360 | | 12.5 | 0.4 | 250 | 100 | 9.2 | 2 | A08 | P |
| 5670 | 214 808 513 0000 | 00 | 214 607 413 | | 6 | 2 | 150 | | 8.2 | 5.5 | B9A | TT |
| 5672 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 3.1 | 0.6 | B5A | P |
| 5676 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5 | 150 | | 4 | 1.6 | B5A | T |
| 5677 | 834 200 000 0000 | 00 | 634 200 000 | | 1.2 | 6 | 150 | | 1.9 | 0.6 | B5A | T |
| 5678 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 0 | 60 | 60 | 1.8 | 1 | B5A | P |
| 5679 | 219 30X 120 0000 | 00 | 218 309 120 | | 6 | | | | 5 | | B8B | RR |
| 5686 | 141 237 817 0000 | 00 | 141 235 615 | | 6 | 12.5 | 250 | 250 | 27 | 3.1 | B9A | P |
| 5687 | 841 221 538 0000 | 00 | 741 221 436 | | 6.3 | 12.5 | 250 | | 12.5 | 5.0 | B9A | TT |
| 5690 | 239 1X2 310 0000 | 00 | 238 192 310 | | 6 | | | | 20 | | A08 | RR |
| 5691 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | TT |
| 5692 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 9 | 250 | | 6.5 | 2.2 | A08 | TT |
| 5693 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 3 | 1.6 | A08 | P |
| 5694 | 128 458 310 0000 | 00 | 126 447 310 | | 6 | 6 | 300 | | 7 | 3.2 | A08 | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|------|------|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 5702 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | 2 | 150 | 115 | 7.5 | 5 | B7G | P |
| 5703 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | 2 | 150 | | 9 | 5 | B5A | T |
| 5704 | 923 100 000 0000 | 00 | 623 100 000 | | 6.3 | | | | 5 | | B5A | R |
| 5718 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2 | 100 | | 13 | 5.5 | B8D | T |
| 5719 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 1.3 | 150 | | 1.8 | 2.3 | B8B | T |
| 5722 | 902 209 300 0000 | 00 | 802 208 300 | | 3 | | | | | | B7G | D |
| 5725 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 5.2 | 3.2 | B7G | P |
| 5726 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6.3 | | | | 5 | | B7G | RR |
| 5732 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 150 | 100 | 8 | 2.2 | A08 | P |
| 5744 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | 2 | 250 | | 4 | 4 | B5A | T |
| 5749 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 5750 | 412 388 400 0000 | 00 | 412 365 000 | | 6 | 1.5 | 510 | 100 | 3 | 7 | B7G | H |
| 5751 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 3 | 250 | | 1 | 1.2 | B9A | TT |
| 5755 | 814 225 183 0000 | 00 | 714 224 163 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | TT |
| 5763 | 801 237 144 0000 | 00 | 601 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |
| 5784 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | 2 | 150 | 125 | 5.2 | 3.2 | B7G | P |
| 5785 | 923 000 000 0000 | 00 | 823 000 000 | | 1.2 | | | | | | B3G | D |
| 5797 | 411 237 800 0000 | 00 | 411 235 600 | | 26.5 | 1 | 30 | 30 | 0.5 | 1 | B8D | P |
| 5798 | 851 231 480 0000 | 00 | 741 231 460 | | 26 | 0 | 20 | | 2.3 | 3.1 | B8D | TT |
| 5812 | 413 387 200 0000 | 00 | 413 365 200 | | 3 | 23 | 250 | 250 | 40 | 4.1 | B7G | P |
| 5814 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 5824 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 22 | 150 | 125 | 61 | 5 | A08 | P |
| 5825 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 1.5 | | | | 2 | | UX4 | D |
| 5838 | 029 0X9 310 0000 | 00 | 028 090 310 | | 12 | | | | 30 | | B8A | RR |
| 5839 | 029 0X0 310 0000 | 00 | 028 090 310 | | 26.5 | | | | 180 | | A08 | RR |
| 5840 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| 5842 | 802 441 443 0000 | 00 | 602 441 443 | | 6 | 1.5 | 150 | | 26 | 24 | B9A | T |
| 5844 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 2.3 | 100 | | 4.8 | 3.4 | B7G | TT |
| 5845 | 902 2X0 300 0000 | 00 | 802 290 300 | | 6 | | | | 5 | | B7G | DD |
| 5847 | 402 108 073 0000 | 00 | 402 106 053 | | 6 | 2 | 150 | 150 | 13 | 12.5 | B9A | P |
| 5851 | 208 007 340 0000 | 00 | 206 005 340 | | 2.5 | 7.5 | 150 | 125 | 5.5 | 1.6 | B8B | P |
| 5852 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| 5854 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 40 | 40 | 0.8 | 0.5 | B5A | P |
| 5871 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.5 | A08 | P |
| 5873 | 284 115 830 0000 | 00 | 264 114 730 | | 6 | 3 | 150 | | 9 | 2.9 | B8B | TT |
| 5875 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 0 | 90 | 90 | 3.5 | 2.5 | B5A | P |
| 5879 | 401 230 781 0000 | 00 | 401 230 561 | | 6 | 3 | 250 | 100 | 1.8 | 1 | B9A | P |
| 5881 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 12.5 | 300 | 200 | 48 | 5.3 | A08 | P |
| 5882 | 029 0X0 310 0000 | 00 | 028 090 310 | | 12.6 | | | | 30 | | A08 | RR |
| 5894 | [257 134 200 0000 257 134 200 0000] | [08 80] | 245 134 200 | A1/A2 | 6 | | 400 | 250 | 30 | 3.4 | B7A | PP |
| 5896 | 912 0X3 100 0000 | 00 | 812 093 100 | | 6 | | | | 15 | | B8B | RR |
| 5897 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2.3 | 150 | | 14 | 6.5 | B8A | T |
| 5898 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2 | 150 | | 1.8 | 2.3 | B8A | T |
| 5899 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 7.2 | 4.5 | B8D | P |
| 5901 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.5 | 100 | 100 | 7.5 | 5 | B8A | P |
| 5902 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 6.5 | 100 | 100 | 30 | 4.2 | B8A | P |
| 5903 | 912 0X3 100 0000 | 00 | 812 093 100 | | 26 | | | | 5 | | B8B | RR |
| 5904 | 402 013 080 0000 | 00 | 402 013 060 | | 26 | 0 | 20 | | 3 | 5 | B8D | T |
| 5905 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | | 20 | 20 | 2.3 | 2.8 | B8A | P |
| 5906 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | 1.5 | 100 | 100 | 7.5 | 5 | A08 | P |
| 5907 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | | 20 | 20 | 2.7 | 3 | B8A | P |
| 5908 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | | 20 | 20 | 2.3 | 1.7 | B8A | P |
| 5910 | 287 024 300 0000 | 00 | 265 *24 300 | | 1.4 | | 90 | 90 | 1.6 | 0.9 | B7G | P |
| 5915 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 0 | 75 | 75 | 6.3 | 2 | B7G | H |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 5916 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | | 160 | 100 | 4.4 | 1.3 | B8A | P |
| 5920 | 882 345 100 0000 | 00 | 762 344 100 | | 6 | 2.1 | 100 | | 8.5 | 6 | B7G | TT |
| 5930 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 45 | 250 | | 60 | 5.2 | UX4 | T |
| 5931 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| 5932 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 14 | 250 | 250 | 72 | 6 | A08 | P |
| 5933 | 374 120 000 0000 | 80 | 354 120 000 | A1 | 6 | 14 | 300 | 250 | 83 | 6.5 | UX5 | P |
| 5947 | 222 933 390 0000 | 00 | 222 833 380 | | 4.4 | | | | | | A08 | D |
| 5961 | 128 741 340 0000 | 00 | 126 541 340 | | 6 | | 250 | 100 | | | A08 | H |
| 5963 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 75 | | 3.5 | 2 | B9A | TT |
| 5964 | 882 345 100 0000 | 00 | 762 344 100 | | 6 | 1 | 100 | | 9.5 | 6 | B7G | TT |
| 5965 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 1.8 | 150 | | 8.2 | 6.5 | B9A | TT |
| 5967 | 824 335 280 0000 | 00 | 624 334 270 | | 1.2 | | 40 | | 3 | 2 | B8B | TT |
| 5968 | 240 880 530 0000 | 00 | 240 670 430 | | 1.2 | 0 | 40 | | 0.7 | 1.3 | B8B | TT |
| 5969 | 247 887 530 0000 | 00 | 245 675 430 | | 1.2 | 3 | 125 | 40 | 6 | 1.7 | B8B | PP |
| 5970 | 247 887 530 0000 | 00 | 245 675 430 | | 1.2 | | 40 | 40 | 3 | 1.8 | B8D | PP |
| 5971 | 842 430 000 0000 | 00 | 642 430 000 | | 1.2 | 2.5 | 150 | | 5.6 | 2.5 | B5A | T |
| 5972 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 2.5 | 1.3 | B5A | P |
| 5975 | 814 230 000 0000 | 00 | 614 230 000 | | 6.3 | | 200 | | 12 | 4 | B5A | T |
| 5977 | 402 013 080 0000 | 00 | 402 013 060 | | 6 | 2.7 | 100 | | 10 | 4.5 | B8B | T |
| 5987 | 482 813 080 0000 | 00 | 462 613 060 | | 6 | 18 | 100 | | 9 | 1.8 | B8B | T |
| 5992 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| 5993 | 902 010 30X 0000 | 00 | 802 010 309 | | 6 | | | | 30 | | B9A | RR |
| 5995 | 902 310 000 0000 | 00 | 802 310 000 | | 6.3 | | | | 30 | | B5A | R |
| 5998 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 14 | 120 | | 90 | 14 | A08 | TT |
| 6004 | 020 000 030 0000 | 9X | 020 000 030 | D1/D2 | 2.5 | | | | 60 | | A08 | RR |
| 6005 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 12.5 | 250 | 250 | 45 | 4 | B7G | P |
| 6006 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 14 | 250 | 125 | 11 | 4.7 | A08 | P |
| 6007 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0.2 | 20 | 20 | 0.4 | 0.4 | B5A | P |
| 6008 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 1.1 | 20 | 20 | 0.5 | 0.1 | B5A | P |
| 6021 | 842 113 580 0000 | 00 | 642 113 470 | | 6 | 1.0 | 100 | | 6.5 | 5.4 | B8D | TT |
| 6026 | 001 230 480 0000 | 00 | 001 230 460 | | 6 | 2.6 | 150 | | 12 | 5.9 | B8B | T |
| 6028 | 412 387 100 0000 | 00 | 412 365 100 | | 20 | 1.8 | 150 | 125 | 7.5 | 5 | B7G | P |
| 6029 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 4 | 90 | | 11 | 2 | B5A | T |
| Ø 6030 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 3 | 150 | | 5 | 4.5 | B7G | TT |
| | | | | | | 0.8 | 100 | | 8.5 | 5.8 | | |
| 6042 | 481 581 230 0000 | 00 | 461 471 230 | | 25 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 6045 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 0.5 | 100 | | 9 | 6.4 | B7G | TT |
| 6046 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 8.2 | 200 | 125 | 46 | 8 | A08 | P |
| 6049 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.5 | 100 | 100 | 7.4 | 3.5 | B8A | P |
| 6050 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5 | 150 | | 4 | 1.6 | B5A | T |
| 6051 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 4 | 40 | 40 | 3 | 1.2 | B5A | P |
| 6052 | 912 0X3 100 0000 | 00 | 812 093 100 | | 6 | | | | 30 | | B8B | RR |
| 6053 | 912 0X3 100 0000 | 00 | 812 093 100 | | 26 | | | | 5 | | B8B | DD |
| 6055 | 402 013 080 0000 | 00 | 402 013 060 | | 26 | | 40 | | | 4.7 | B8D | T |
| 6056 | 412 183 710 0000 | 00 | 412 163 510 | | 26 | | 40 | 40 | | 3 | B8D | P |
| 6057 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 6058 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 9 | | B7G | DD |
| 6059 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 3 | 250 | 100 | 2 | 1.2 | B9A | P |
| 6060 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| 6061 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 13 | 300 | 225 | 34 | 3.7 | B9A | P |
| 6062 | 801 237 144 0000 | 00 | 601 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6063 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| ξ 6064 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2 | 250 | 250 | 10 | 7.5 | B7G | P |
| 6065 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 1.5 | 200 | 150 | 4 | 6.4 | | |
| 6066 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 2.5 | 250 | 250 | 8 | 2.5 | B7G | P |
| 6067 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| | | | | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| Δ 6080 | 021 040 370 0000 | 80 | 021 040 350 | | 6.3 | 8 | 400 | 150 | 36 | 5.3 | A08 | P |
| 6072 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 4 | 250 | | 3 | 1.7 | B9A | TT |
| 6080 | [501 481 230 0000 | 00] | 471 461 230 | | 6 | 30 | 100 | | 100 | 7 | A08 | TT |
| | 581 401 230 0000 | 00 | | | | | | | | | | |
| 6082 | [501 481 230 0000 | 00] | 471 461 230 | | 26.5 | 30 | 100 | | 100 | 7 | A08 | TT |
| | 581 401 230 0000 | 00 | | | | | | | | | | |
| 6084 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 2 | 250 | 125 | 10 | 9 | B9A | P |
| 6085 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 5.5 | 250 | | 6 | 2.7 | B9A | TT |
| 6086 | 741 238 001 0000 | 00 | 541 236 *** | | 18 | 1.8 | 200 | 100 | 8.3 | 8.2 | B9A | P |
| 6087 | 020 90X 030 0000 | 00 | 020 809 030 | | 6 | | | | 60 | | A08 | RR |
| 6088 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 40 | 40 | 0.7 | 0.6 | B5A | P |
| 6092 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 2.9 | 0.7 | B5A | P |
| 6094 | 472 834 718 0000 | 00 | 452 634 516 | | 6 | 12.5 | 250 | 250 | 45 | 6 | B9A | P |
| 6095 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| 6096 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| 6097 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 9 | | B7G | DD |
| 6098 | 108 072 430 0000 | 00 | 106 052 430 | | 6 | 22.5 | 250 | 250 | 77 | 5.4 | A08 | P |
| 6099 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [3 | 150 | | 5 | 4.5 | B7G | TT |
| | | | | | | 0.8 | 100 | | 8.5 | 5.3 | | |
| 6100 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| 6101 | 882 345 100 0000 | 00 | 762 344 100 | | 6 | 2 | 150 | | 9 | 5.5 | B7G | TT |
| 6106 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | A08 | RR |
| 6110 | 912 0X3 100 0000 | 00 | 812 093 100 | | 6 | | | | 5 | | B8B | RR |
| 6111 | 842 113 580 0000 | 00 | 642 113 470 | | 6 | 1.9 | 100 | | 8.5 | 5 | B8B | TT |
| 6112 | 842 113 580 0000 | 00 | 642 113 470 | | 6 | 1.4 | 150 | | 1.7 | 2.5 | A08 | TT |
| 6113 | 841 581 230 0000 | 00 | 641 471 230 | | 6 | 3 | 250 | | 3 | 1.7 | A08 | TT |
| 6118 | 028 9X0 310 0000 | 00 | 026 890 310 | | 6 | 3 | 250 | | 1.0 | 1.2 | A08 | DDT |
| 6125 | 902 394 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| 6132 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | P |
| 6134 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 300 | 150 | 10 | 9 | A08 | P |
| 6135 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| 6136 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 10.6 | 5.2 | B7G | P |
| 6137 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 9.2 | 2 | A08 | P |
| 6145 | 287 104 130 0000 | 00 | 265 104 130 | | 6.3 | | 150 | 100 | 34 | 10 | B7G | P |
| 6146 | 127 141 310 0000 | 80 | 125 141 310 | A1 | 6 | 28 | 200 | 200 | 100 | 7 | A08 | P |
| 6147 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 5.5 | 1.6 | B8B | P |
| 6149 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | | 150 | | 9 | 5 | B5A | T |
| 6151 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | 0 | 250 | | 4 | 4 | B5A | T |
| 6152 | 814 230 000 0000 | 00 | 614 230 000 | | 6.3 | | 200 | | 12 | 4 | B5A | T |
| 6153T | 023 184 780 0000 | 50 | 023 164 570 | G1 | 6 | [2 | 100 | | 16 | 5 | 8SC | TH |
| | | | | | | 2 | 250 | 100 | 12 | 3.5 | | |
| 6156 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| 6157 | 001 230 000 0000 | 90 | *** 23* *** | D1 | 6 | | | | 120 | | B9A | R |
| 6158 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 4.6 | 250 | | 6 | 2.3 | B9A | TT |
| 6159 | 127 141 310 0000 | 80 | 125 141 310 | A1 | 26 | 30 | 200 | 200 | 100 | 7 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6169 | 842 113 840 0000 | 00 | 642 113 640 | | 6 | 1 | 200 | | 11 | 6.5 | A08 | T |
| 6180 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| 6186 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.4 | 250 | 150 | 7 | 5 | B7G | P |
| 6187 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 5.2 | 3.2 | B7G | P |
| 6188 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 2 | 250 | | 2.3 | 1.6 | A08 | TT |
| 6189 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 6197 | 147 238 174 0000 | 00 | 145 236 154 | | 6 | 3 | 250 | 150 | 30 | 11 | B9A | P |
| 6201 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| 6202 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 60 | | B7G | RR |
| 6203 | 900 230 10X 0000 | 00 | 800 230 109 | | 6 | | | | 70 | | B9A | RR |
| 6205 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 4 | 100 | 100 | 7.5 | 5 | B8D | P |
| 6206 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.3 | 100 | 100 | 7.5 | 5 | B8A | P |
| 6211 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 1.2 | 100 | | 4.6 | 3.6 | B9A | TT |
| 6216 | 841 238 710 0000 | 00 | 641 236 510 | | 6 | 6 | 200 | 100 | 47 | 8.8 | B9A | P |
| 6222 | 402 813 090 0000 | 00 | 402 613 080 | | 6.3 | 1 | 100 | | 0.7 | 1.7 | B8D | T |
| 6227 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 5.2 | 200 | 200 | 30 | 9 | B9A | P |
| 6245 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | 0 | 150 | 150 | 7.5 | 5.0 | B7G | P |
| 6247 | 442 813 000 0000 | 80 | 442 613 000 | A1 | 6 | 3 | 200 | | 4 | 3 | B7G | T |
| 6252 | 257 134 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 17 | 400 | 200 | 20 | 6.5 | B7A | PP |
| 6265 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 9 | 4 | B7G | P |
| 6267 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 1.0 | 250 | 100 | 3.0 | 1.8 | B9A | P |
| 6281 | 873 420 000 0000 | 00 | 653 420 000 | | 6 | 0.6 | 20 | 20 | | | B5A | P |
| 6286 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 2 | 60 | | 6 | 2.1 | B5A | T |
| 6287 | 178 238 748 0000 | 00 | 156 236 546 | | 6 | 12.5 | 250 | 250 | 48 | 4.1 | B9A | P |
| 6293 | 127 141 300 0000 | 80 | 125 141 300 | A1 | 6 | | 200 | 200 | 100 | 7.3 | A08 | P |
| 6302 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 2.2 | 300 | 150 | 11 | 9 | UX6 | P |
| 6305 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 5 | | B7G | R |
| 6325 | 109 0X0 230 0000 | 00 | 108 090 230 | | 6 | | | | 60 | | A08 | RR |
| 6327 | 121 040 370 0000 | 00 | 121 040 350 | | 6 | 22.5 | 250 | 250 | 120 | 8 | A08 | P |
| 6336A | 581 481 230 0000 | 00 | | | 6.3 | 60 | 200 | | 75 | 5 | A08 | TT |
| 6350 | 814 228 153 0000 | 00 | 614 227 143 | | 6 | 5 | 150 | | 11 | 4.6 | B9A | TT |
| 6351 | 141 321 877 0000 | 00 | 141 321 655 | | 6 | 2 | 350 | 250 | 12.5 | 11.5 | B9A | P |
| 6352 | 200 392 X30 0000 | 00 | 2** 382 930 | | 1.5 | | | | | | B8A | D |
| 6355 | 028 014 370 0000 | 00 | | | 6.3 | 15 | 250 | 250 | 70 | 7.6 | A08 | P |
| 6360 | 514 228 783 0000 | 00 | 414 226 573 | | 6.3 | 15 | 200 | 200 | 30 | 3.3 | B9A | PP |
| 6374 | 001 230 009 0000 | 90 | **1 23* **8 | D1 | 6 | | | | 120 | | B9A | R |
| 6375 | 400 230 080 0000 | 00 | 400 230 060 | | 1.2 | 4.5 | 150 | | 12.0 | 3.4 | B8D | T |
| 6384 | 108 072 430 0000 | 00 | 106 052 430 | | 6.3 | 22 | 250 | 250 | 77 | 5.5 | A08 | P |
| 6385 | 214 808 513 0000 | 00 | 214 607 413 | | 6 | 2.1 | 150 | | 82 | 5.5 | B9A | TT |
| 6386 | 214 808 513 0000 | 00 | 214 607 413 | | 6 | 2 | 100 | | 9.6 | 4 | B9A | TT |
| 6394 | 481 581 230 0000 | 00 | 461 471 230 | | 26.5 | 45 | 150 | | 100 | 11 | A08 | TT |
| 6397Spec | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | | 150 | 150 | 9 | 2.3 | B8D | P |
| 6414 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 200 | | 8 | 5.5 | B9A | TT |
| 6417 | 801 237 144 0000 | 00 | 601 235 144 | | 12.5 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |
| 6418 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1.2 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| 6419 | | | 652 430 000 | | 0.6 | 0.6 | 15 | 15 | 0.06 | 0.1 | B5A | P |
| 6443 | 001 230 000 0000 | 90 | **1 23* *** | D1 | 6 | | | | 120 | | B9A | R |
| 6463 | 814 228 153 0000 | 00 | 614 227 143 | | 6 | 10 | 250 | | 14.5 | 5.2 | B9A | TT |
| 6485 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.6 | 300 | 150 | 10 | 9 | B7G | P |
| 6486/A | 410 283 711 0000 | 00 | 410 263 511 | | 6.3 | 2 | 150 | 125 | 3.5 | 3.2 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|------|------|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6488 | 412 873 180 0000 | 00 | 412 653 160 | | 6 | 2.0 | 100 | 100 | 7.5 | 5.0 | B8D | P |
| 6489 | 281 380 000 0000 | 00 | 261 360 000 | | 6 | | 100 | | 8 | | Sm5 | T |
| 6516 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.5 | 250 | 250 | 16.0 | 2.6 | B7G | P |
| 6519 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 22.5 | 22.5 | 0.4 | 0.4 | B5A | P |
| 6520 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 60 | 150 | | 50 | 7 | A08 | TT |
| 6526 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 6 | 100 | 100 | 6.5 | 1.9 | B5A | P |
| Δ 6528 | [501 481 230 0000 | 00] | 471 461 230 | | 6 | 20 | 200 | | | | A08 | TT |
| | 581 401 230 0000 | 00 | | | | | | | | | | |
| 6533 | 844 812 380 0000 | 00 | 644 612 360 | | 6 | | 150 | | 0.9 | 1.7 | B8D | T |
| 6535 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 0.8 | 100 | | 8.5 | 5.3 | B7G | TT |
| 6540 | 412 387 000 0000 | 00 | 412 365 000 | | 6.3 | 2 | 125 | 125 | 7.5 | 5 | B7G | P |
| 6542 | 742 135 700 0000 | 88 | 542 134 500 | A1/A2 | 6 | 2 | 200 | 200 | 50 | 4.5 | B7A | PP |
| 6550 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 400 | 225 | 87 | 9 | A08 | P |
| 6582A | 410 283 711 0000 | 00 | 410 263 511 | | 6 | | 150 | 125 | 7.5 | 4.5 | B9A | P |
| 6611 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 40 | 40 | 1 | 1 | B5A | P |
| 6612 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 40 | 40 | 3 | 3 | B5A | P |
| 6660 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.1 | 250 | 100 | 11 | 4.4 | B7G | P |
| 6661 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.0 | 250 | 150 | 7.4 | 4.6 | B7G | P |
| 6662 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.0 | 250 | 100 | 9.2 | 3.6 | B7G | P |
| 6663 | 192 310 X00 0000 | 00 | 182 310 900 | | 6 | | | | 9 | | B7G | DD |
| 6664 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 12 | 250 | | 10 | 5.5 | B7G | DDT |
| 6669 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 12.5 | 250 | 250 | 47 | 4.1 | A08 | P |
| 6676 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 56 | 150 | 150 | 13 | 8 | B7G | P |
| 6677 | 147 238 174 0000 | 00 | 145 236 154 | | 6 | 3 | 250 | 150 | 30 | 11 | B9A | P |
| 6678 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [1.6 | 150 | | 18 | 8.5 | B9A | TP |
| 6679 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 0.9 | 250 | 100 | 10 | 5.2 | | |
| 6680 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| | | | | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 6681 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 6686 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 2.5 | 200 | 200 | 20 | 11 | B9A | P |
| 6687 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 5 | 150 | 75 | 0.5 | 0.6 | B7G | H |
| 6688 | 141 230 817 0000 | 00 | 141 23* 615 | | 6 | 1 | 200 | 150 | 13.5 | 16.5 | B9A | P |
| 6689 | 741 238 001 0000 | 00 | 541 236 **1 | | 6 | 1.7 | 200 | 125 | 10 | 9 | B9A | P |
| 6690 | 852 183 410 0000 | 00 | 742 163 410 | | 6 | 0.8 | 100 | | 8 | 4.8 | B8A | TT |
| 6697 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 8.5 | 250 | | 10 | 2.0 | B9A | TT |
| 6754 | 901 023 10X 0000 | 00 | 801 023 109 | | 6 | | | | 30 | | B9A | RR |
| 6760 | 841 238 710 0000 | 00 | 641 236 510 | | 18 | 7.5 | 150 | 125 | 70 | 12 | B9A | P |
| 6761 | 841 238 710 0000 | 00 | 641 236 510 | | 6 | 7.5 | 150 | 125 | 70 | 13 | B9A | P |
| 6788 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 0.8 | 1.1 | B8A | P |
| 6814 | 401 013 080 0000 | 00 | 402 013 060 | | 6 | | 100 | | 10 | 6 | B8A | T |
| 6829 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2.2 | 150 | | 10.7 | 8.1 | B9A | TT |
| 6832 | 842 113 580 0000 | 00 | 642 113 470 | | 6 | | 100 | | 0.7 | 1 | B8D | TT |
| 6840 | 814 228 130 0000 | 00 | 614 227 130 | | 6.3 | | 250 | | 14 | 6.7 | B8D | P |
| 6845 | 402 387 100 0000 | 00 | 402 365 100 | | 6.3 | 2 | 300 | 150 | 10 | 9 | B7G | P |
| 6850 | 752 134 700 0000 | 88 | 542 134 500 | A1/A2 | 12 | | 200 | 200 | 50 | 4.5 | B7A | PP |
| 6851 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 3.1 | 250 | | 1 | 1.2 | B9A | TT |
| 6853 | 030 90X 020 0000 | 00 | 030 809 090 | | 5 | | | | 60 | | A08 | RR |
| 6854 | 214 808 513 0000 | 00 | 214 607 413 | | 6.3 | 19.6 | 150 | | 8.2 | 5.2 | B9A | TT |
| 6870 | 141 223 871 0000 | 00 | 141 223 651 | | 6 | 3.5 | 250 | 250 | 25 | 8.5 | B9A | P |
| 6872 | 721 413 100 0000 | 80 | 521 413 100 | A1 | 6.3 | 1 | 400 | 100 | 3.5 | 2.2 | B7G | P |
| 6877 | 402 834 018 0000 | 00 | 402 634 016 | | 6.3 | 12 | 100 | | 75 | 6.3 | B9A | T |
| 6883 | 127 141 130 0000 | 80 | 125 141 130 | A1 | 12 | 30 | 200 | 200 | 100 | 7 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 6887 | 192 310 X00 0000 | 00 | 182 310 900 | | 6 | | | | 10 | | B7G | DD |
| 6888 | 021 417 800 0000 | 00 | 021 415 600 | | 6.3 | | 150 | 90 | 38 | | A08 | P |
| 6889 | 200 073 420 0000 | 80 | 200 053 420 | A1 | 6.3 | 22.5 | 250 | 250 | 77 | 5.4 | A08 | P |
| 6900 | 851 221 438 0000 | 00 | 741 221 436 | | 6.3 | 2 | 150 | | 36 | 11.5 | B9A | TT |
| 6907 | [247 135 200 0000 | 08] | 245 134 200 | A1/A2 | 6.3 | 50 | 400 | 250 | 100 | | B7A | PP |
| 6913 | [247 135 200 0000 | 80] | 741 226 413 | | 6.3 | 5 | 150 | | 11 | 4.6 | B9A | TT |
| 6919 | 192 310 X00 0000 | 00 | 182 310 900 | | 6 | | | | 5 | | B7G | RR |
| 6922 | 841 328 511 0000 | 00 | 641 327 411 | | 6.3 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| Ø 6927 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [3 | 150 | | 5 | 4.5] | B7G | TT |
| 6928 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 0.8 | 100 | | 8.5 | 5.8 | B7G | P |
| 6939 | [415 220 783 0000 | 00] | 414 226 573 | | 6.3 | [12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| | [415 228 703 0000 | 00] | 412 163 510 | | 6.3 | [100 | 150 | 150 | 25 | 10.5] | B9A | PP |
| | | | | | 6.3 | | 100 | 100 | 8 | 3.6 | B8D | P |
| 6943 | 412 183 710 0000 | 00 | | | 6.3 | | 100 | 100 | 8 | 3.6 | B8D | P |
| 6944 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | | 100 | 100 | 7 | 3.2 | B8D | P |
| 6945 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | | 100 | 100 | 25 | 3.5 | B8D | P |
| 6946 | 402 387 100 0000 | 00 | 402 013 060 | | 6.3 | | 100 | | 9 | 3.8 | B8D | T |
| 6947 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 150 | | 6.5 | 4 | B8D | TT |
| 6948 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 0.8 | 1.6 | B8D | TT |
| 6954 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 150 | 150 | 5.9 | 2 | B7G | P |
| 6955 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 8.5 | 250 | | 11.5 | 2.3 | B9A | TT |
| 6968 | 402 387 100 0000 | 00 | 402 365 100 | | 6.3 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| 6973 | 704 234 178 0000 | 00 | 504 234 156 | | 6.3 | 15 | 250 | 250 | 46 | 4.8 | B9A | P |
| 7000 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| 7025 | 851 238 413 0000 | 00 | 741 236 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 7027 | 728 744 310 0000 | 00 | 526 544 310 | | 6.3 | | 200 | 200 | | | B8A | P |
| 7032 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 250 | 100 | 4.5 | 1.8 | B7G | H |
| 7036 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 0 | 75 | 75 | 6.3 | 2 | B7G | H |
| 7044 | 841 221 538 0000 | 00 | 641 221 437 | | 6.3 | 2 | 150 | | 36 | 10 | B9A | TT |
| 7051 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [1.0 | 150 | | 18 | 8.5] | B9A | TP |
| 7054 | 141 230 871 0000 | 00 | 141 23* 651 | | 13.5 | 1.0 | 200 | 100 | 10 | 5 | B9A | P |
| 7055 | 192 310 X00 0000 | 00 | 182 310 900 | | 13.5 | 2.7 | 250 | 150 | 19 | 11.5 | B9A | P |
| 7056 | 412 387 100 0000 | 00 | 412 365 100 | | 13.5 | | | | 5 | | B7G | RR |
| | | | | | 13.5 | 2.2 | 200 | 150 | 9.5 | 6.2 | B7G | P |
| 7057 | 841 238 510 0000 | 00 | 641 237 410 | | 13.5 | 2.2 | 150 | | 10 | 6.8 | B9A | TT |
| 7058 | 841 238 510 0000 | 00 | 641 237 410 | | 13.5 | | 250 | | 1.2 | 1.6 | B9A | TT |
| 7059 | 857 238 114 0000 | 00 | 645 237 114 | | 13.5 | [1 | 150 | | 18 | 8.5] | B9A | TP |
| | | | | | | 0.9 | 250 | 100 | 10 | 5.2 | | |
| 7060 | 841 238 751 0000 | 00 | 641 237 541 | | 13.5 | [1.5 | 150 | | 9 | 4.9] | B9A | TP |
| | | | | | | 1.6 | 200 | 125 | 15 | 7 | | |
| 7061 | 704 234 178 0000 | 00 | 504 234 156 | | 13.5 | 10 | 200 | 200 | 36 | 4.2 | B9A | P |
| 7062 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 0.8 | 100 | | 8.5 | 7.8 | B9A | TT |
| 7066 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | | 100 | 100 | 1.1 | 0.4 | B7G | DP |
| 7071 | 000 230 000 0000 | 90 | *** 23* *** | D1 | 6.3 | | | | | | B9A | D |
| 7072 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6.3 | | | | 180 | | B9A | R |
| 7073 | 000 230 009 0000 | 10 | *** 23* **8 | C | 26 | | | | 180 | | B9A | R |
| 7074 | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | | 200 | | 12 | 14 | B9A | T |
| 7075 | 841 234 148 0000 | 00 | 641 234 146 | | 3.8 | | 200 | | 12 | 14 | B9A | T |
| 7078 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 2.0 | 250 | 100 | 9 | 4.4 | B9A | P |
| 7079 | 041 230 871 0000 | 00 | 041 230 651 | | 12.6 | | 200 | 100 | 12 | 4.4 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|------------|------------|-----|-------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| Δ 7105 | [501 481 230 0000 581 401 230 0000] | 00 | 471 461 230 | | 12.6 | 30 | 100 | | | | A08 | TT |
| 7108 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | | 250 | 150 | 3 | 2 | B9A | P |
| 7110 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 3.5 | 250 | 250 | 10 | 6.8 | B9A | P |
| 7118 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 1.4 | 100 | | 8.5 | 5.6 | B9A | TT |
| 7119 | 841 221 538 0000 | 00 | 641 221 437 | | 6.3 | 7 | 200 | | 23 | 6.4 | B9A | TT |
| 7125 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6.3 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| 7137 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | 1.3 | 150 | | 13.5 | 8.5 | B7G | T |
| 7143 | 412 314 800 0000 | 00 | 412 314 600 | | 3.1 | 1.0 | 200 | | 11.5 | 6.7 | B7G | T |
| 7144 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| 7145 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2.0 | 50 | 50 | 1.8 | | B9A | P |
| 7150 | 831 421 107 0000 | 00 | 632 421 1*5 | | 6.3 | | 150 | 125 | 24 | 34 | B9A | P |
| 7167 | 412 387 100 0000 | 00 | 412 365 100 | | 13.5 | 1 | 150 | 80 | 10 | 8 | B7G | P |
| 7184 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 12.5 | 250 | 250 | 47 | 4.1 | A08 | P |
| 7189 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6.3 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| 7193 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | 10.5 | 300 | | 11 | 3 | A08 | T |
| 7199 | 887 231 514 0000 | 00 | 675 231 414 | | 6.3 | [8 1.5 | 200 250 | | 9 12.5 | 2 7 | B9A | TP |
| 7212 | 127 142 380 0000 | 00 | 125 142 360 | | 6.3 | 28 | 200 | 200 | 100 | 7 | A08 | P |
| 7227 | 041 230 871 0000 | 00 | *41 23* 651 | | 27.5 | 2.5 | 40 | 40 | 8 | 5 | B9A | P |
| 7233 | 848 238 418 0000 | 00 | 646 236 416 | | 6.3 | 40 | 150 | | 50 | 9 | B9A | T |
| 6236 | 581 181 230 0000 | 00 | 471 461 230 | | 6.3 | 14 | 150 | | 100 | 12.5 | A08 | TT |
| 7239 | 410 237 101 0000 | 80 | 48* 235 1*1 | A1 | 6.3 | 5 | 300 | 100 | 10.5 | 4.2 | B9A | P |
| 7244 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 0.4 | 100 | | 9 | 6 | B7G | TT |
| 7245 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | | 150 | | 13.5 | 11 | B7G | T |
| 7247 | 851 228 413 0000 | 00 | 641 227 413 | | 6.3 | [2 8.5 | 250 250 | | 1.2 10.5 | 1.6 2.2 | B9A | TT |
| 7258 | 841 238 751 0000 | 00 | 641 237 541 | | 12.5 | [3 150 | 150 125 | | 15 12 | 4.5 7.8 | B9A | TP |
| 7308 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.4 | 90 | | 12 | 11.5 | B9A | TT |
| 7316 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 100 | | 11.8 | 3.1 | B9A | TT |
| 7318 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 8.5 | 250 | | 11.5 | 2.3 | B9A | TT |
| 7320 | 041 230 807 0000 | 00 | 041 230 605 | | 6.3 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| 7355 | 028 014 370 0000 | 00 | 026 014 350 | | 6.3 | 15 | 250 | 250 | 70 | 7.6 | A08 | P |
| 7358 | 127 141 300 0000 | 00 | 125 141 300 | | 6.3 | | 200 | 200 | 100 | 7 | A08 | P |
| 7370 | 841 221 538 0000 | 00 | 641 221 437 | | 20 | 2 | 120 | | 36 | 11.5 | B9A | TT |
| 7382 | 412 300 800 0000 | 00 | 412 300 600 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B7G | T |
| 7408 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 12.5 | 250 | 250 | 4.7 | 4.6 | A08 | P |
| 7489 | 841 228 513 0000 | 00 | 641 226 513 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 7489 | | | 741 226 413 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| 7492 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | | 250 | | | 5.5 | B9A | TT |
| 7498 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | | 230 | 250 | | 7.5 | B7G | P |
| 7534 | 020 740 310 0000 | 80 | *2* 54* 310 | A | 6.3 | 15.5 | 250 | 150 | 100 | 25.0 | A08 | P |
| 7543 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.0 | 250 | 150 | 10.8 | 5.2 | B7G | P |
| 7551 | 147 238 171 0000 | 00 | 145 236 151 | | 13 | 18 | 250 | 250 | 40 | 5.3 | B9A | P |
| 7558 | 147 238 171 0000 | 00 | 145 236 151 | | 6.3 | 18 | 250 | 250 | 40 | 5.3 | B9A | P |
| 7561 | 928 740 310 0000 | 00 | 026 540 310 | | 25 | | 100 | 100 | 555 | 10.5 | A08 | P |
| 7581 | 028 740 310 000 | 00 | 026 540 310 | | 6.3 | 14 | 250 | 250 | 72 | 6 | B8A | P |
| 7586 | 080 400 010 2030 | 00 | | | 6.3 | 1.3 | 75 | | 10.5 | 11.5 | NV5 | P |
| 7587 | 070 400 010 2030 | 80 | | | 6.3 | 0.9 | 125 | 50 | 10 | 10.6 | NV5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|----------------------|------------|------------------------------------|------------|------|-------|------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 7591 | 028 714 370 0000 | 00 | 026 514 350 | | 6.3 | 10 | 300 | 300 | 75 | 10.2 | A08 | P |
| 7607 | 127 141 300 0000 | 80 | 125 141 300 | A1 | 6.3 | 17 | 300 | 250 | 80 | 8 | A08 | P |
| 7643 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [2 | 100 | | 14 | 5 | B9A | TP |
| 7683 | 418 238 178 0000 | 00 | 416 236 156 | | 6.3 | 2 | 200 | 175 | 10 | 6.2 | B9A | P |
| 7687 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [0.5 | 300 | 250 | 12.6 | 5 | B9A | P |
| | | | | | | 8.5 | 200 | | 7.5 | 2.5 | B9A | TP |
| | | | | | | | 200 | 125 | 10 | 5.8 | | |
| 7688 | 141 512 386 8080 | 00 | | | 6.3 | 2 | 250 | | 1.2 | 1.6 | A12 | TTT |
| 7689 | 141 512 386 8080 | 00 | | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | A12 | TTT |
| 7690 | 141 512 386 8080 | 00 | | | 6.3 | 2 | 250 | | 10 | 5.5 | A12 | TTT |
| 7693 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 100 | 250 | 150 | 7.4 | 4.6 | B7G | P |
| 7694 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 80 | 250 | 100 | 9.2 | 3.6 | B7G | P |
| 7695 | 700 234 108 0000 | 00 | 5** 234 1*6 | | 50 | 11 | 130 | 130 | 100 | 11.0 | B9A | P |
| 7699 | [514 228 703 0000] | 00 | 414 226 573 | | 6.3 | | 250 | | 45 | 10 | B9A | PP |
| | 514 220 783 0000 | | | | | | | | | | | |
| 7700 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| 7701 | 141 238 717 0000 | 00 | 141 236 515 | | 13.6 | 12.5 | 250 | 250 | 28 | 3.6 | B9A | P |
| 7716 | 148 231 578 0000 | 00 | 146 231 457 | | 13.6 | [1.0 | 150 | | 1.6 | 3 | B9A | TP |
| | | | | | | 60 | 200 | 100 | 24 | 9.5 | | |
| 7717 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 125 | 80 | 10 | 8 | B7G | P |
| 7719 | 841 228 413 0000 | 00 | 641 226 413 | | 6.3 | 10.5 | 300 | | 4.0 | 3.5 | B9A | T |
| 7721 | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 10 | 200 | 150 | 22 | 35 | B9A | P |
| 7722 | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 1 | 200 | 150 | 34 | 27 | B9A | P |
| 7724 | 191 23X 148 0000 | 00 | 181 239 146 | | 14 | 3.0 | 250 | | 0.7 | 1.0 | B9A | DDT |
| 7728 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| 7729 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| 7731 | 857 238 114 0000 | 00 | 641 237 114 | | 6.3 | [1 | 150 | | 18 | 8.5 | B9A | TP |
| | | | | | | 0.95 | 250 | 100 | 10 | 5.2 | | |
| 7732 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 200 | 125 | 13 | 8 | B7G | P |
| 7733 | 141 223 871 0000 | 00 | 141 223 651 | | 6.3 | 3 | 250 | 175 | 24 | 12 | B9A | P |
| 7734 | 714 238 158 0000 | 00 | 514 236 147 | | 6.3 | [21 | 150 | | 35 | 5.4 | B9A | TP |
| | | | | | | 2.0 | 150 | 150 | 5.5 | 3.2 | | |
| 7738 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | | 400 | | 12 | 9.9 | B7G | T |
| 7751 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 8 | 100 | 100 | 100 | 14 | A08 | P |
| 7752 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 150 | 125 | 5.5 | 3.5 | B7G | P |
| 7754 | 700 234 108 0000 | 00 | 5** 234 1*6 | | 6.3 | | 150 | 150 | 100 | 11 | B9A | P |
| 7755 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | | 40 | 30 | 3 | 2.7 | B7G | P |
| 7756 | 108 072 430 0000 | 00 | 106 052 430 | | 6 | 36 | 300 | 300 | 58 | 4.3 | A08 | P |
| 7757 | 471 034 710 0000 | 00 | 451 034 510 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | B9A | P |
| 7759 | 842 113 580 0000 | 00 | 642 113 470 | | 26.5 | 1 | 100 | | 6.5 | 5.4 | A08 | TT |
| 7760 | 842 113 580 0000 | 00 | 642 113 470 | | 26.5 | | 26.5 | | 3 | 5 | A08 | TT |
| 7761 | 214 808 513 0000 | 00 | 214 607 413 | | 12.6 | | 150 | | 8.2 | 5.5 | B9A | TT |
| 7762 | 412 183 710 0000 | 00 | 412 163 510 | | 26.5 | 1.2 | 110 | 100 | 30 | 4.2 | A08 | P |
| 7763 | 811 234 178 0000 | 00 | | | 6.3 | | 250 | 90 | 4.2 | | B9A | P |
| 7788 | 141 237 817 0000 | 00 | 141 235 615 | | 6.3 | | 150 | 150 | 35 | 50 | B9A | P |
| 7803 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1.3 | 90 | | 15 | 12.5 | B9A | TT |
| 7861 | 214 808 413 0000 | 00 | | | 12.6 | | 150 | | 8.2 | 5.5 | B9A | TT |
| 7868 | 741 234 708 0000 | 00 | 541 234 506 | | 6.3 | 10 | 300 | 300 | 60 | 10.2 | B9D | P |
| 7887 | 842 113 580 0000 | 00 | 642 113 470 | | 26.5 | 1.9 | 100 | | 8.5 | 5 | A08 | TT |
| 7888 | 402 013 080 0000 | 00 | 402 031 060 | | 26.5 | 2.3 | 150 | | 13 | 6.5 | A08 | T |
| 7889 | 842 113 580 0000 | 00 | 642 113 570 | | 26.5 | 1.4 | 150 | | 1.75 | 2.5 | A08 | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| 7895 | 080 400 010 2030 | 00 | | | 6.3 | 1 | 100 | | 7 | 9.4 | NV5 | T |
| 7898 | 841 238 510 0000 | 00 | 741 236 41* | | 13.5 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| 7905 | 247 008 173 0000 | 00 | 245 006 153 | | 6.3 | -6 | 200 | 185 | 36 | 6.7 | B9A | P |
| 7984 | 218 881 711 4730 | 00 | | | 13.5 | 9 | 200 | 125 | 100 | 13.5 | A12 | DP |
| 8013A | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 15 | | B4 | R |
| 8016 | 020 000 030 0000 | 90 | 020 000 030 | D1 | 1.2 | | | | | | A08 | D |
| 8032 | 127 141 310 0000 | 80 | 125 141 310 | A1 | 13.5 | 32 | 200 | 200 | 100 | 7 | A08 | P |
| 8056 | 080 400 010 2030 | 00 | | | 6.3 | 0.8 | 24 | | 8.5 | 7 | NV5 | T |
| 8058 | 010 100 010 2034 | 80 | | | 6.3 | 0.5 | 100 | | 10 | 12.4 | NV5 | T |
| 8077 | 141 230 871 0000 | 00 | 141 23* 651 | | 13.5 | 2.7 | 250 | 150 | 19 | 11.5 | B9A | P |
| 8156 | 218 881 711 4730 | 00 | | | 13.5 | 9 | 200 | 125 | 75 | 7.6 | A12 | P |
| 8223 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.5 | 100 | | 30 | 20 | B9A | TT |
| 8233 | 817 231 141 0000 | 00 | 615 231 141 | | 6.3 | 3 | 150 | 150 | 50 | 45 | B9D | P |
| 8255 | 414 234 444 0000 | 00 | 414 234 444 | | 6.3 | 1.2 | 150 | | 12 | 13 | B9A | T |
| 8334 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | 0 | 200 | | 18 | 10.75 | | T |
| 8348 | 425 238 782 0000 | 00 | 424 236 572 | | 1.6 | | 200 | 200 | 30 | 3.3 | B9A | PP |
| 8380 | 070 400 010 2300 | 80 | | A | 6.0 | 0 | 80 | 80 | 7.5 | 1.1 | | T |
| 8382 | 080 400 010 230 | 00 | | | 6.0 | 55 | 135 | | | 1.28 | | T |
| 8417 | 287 431 000 0000 | 00 | 265 431 000 | | 6.3 | -12 | 300 | 300 | 100 | 23.0 | A08 | P |
| 8441 | 080 400 010 2300 | 00 | | | 6.0 | 55 | 300 | | 5.5 | 6.7 | | T |
| 8456 | 080 400 010 2300 | 00 | | | 6.0 | 0.7 | 12.0 | | 5.5 | 8.0 | | T |
| 8532 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | 55 | 150 | | 9.0 | 8.8 | | T |
| 8628 | 080 400 010 2030 | 00 | | | | | | | | | | |
| 8808 | 110 101 000 0230 | 80 | | A | 6.3 | 0 | 206 | | 50 | 18.0 | | T |
| 9001 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 3 | 250 | 100 | 2 | 1.4 | B7G | P |
| 9002 | 812 384 100 0000 | 00 | 612 364 100 | | 6 | 7 | 250 | | 6.3 | 2.2 | B7G | T |
| 9003 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 3 | 250 | 100 | 6.7 | 1.8 | B7G | P |
| 9004 | 203 190 000 0000 | 00 | 203 180 000 | | 6.3 | | | | 5 | | 5AA | R |
| 9005 | 219 330 000 0000 | 00 | 218 330 000 | | 3.6 | | | | 1 | | 5AA | D |
| 9006 | 912 390 100 0000 | 00 | 812 380 100 | | 6 | | | | 5 | | B7G | R |
| 9072 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | | 300 | | 15 | 2.5 | A08 | T |
| 18004 | 423 800 000 0000 | 00 | 423 600 000 | | 4.4 | 25 | 130 | | 22 | 1 | UX4 | T |
| 18013 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | | 200 | 200 | 8 | 5 | B7 | P |
| 18014 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 4 | | 200 | 200 | 35 | 8 | B7 | P |
| 18015 | 081 231 700 0000 | 00 | 061 231 500 | | 21 | | 150 | 125 | 8 | 8.3 | B7 | P |
| 18016 | 007 231 800 0000 | 00 | 005 231 600 | | 21 | | 150 | 125 | 48 | 9 | B7 | P |
| 18040 | 287 104 130 0000 | 00 | 265 104 130 | | 18 | 3.4 | 200 | 200 | 15 | 10 | B8B | P |
| 18042 | 741 238 001 0000 | 00 | 541 236 **1 | | 18 | 1.8 | 200 | 100 | 8.3 | 8.2 | B9A | P |
| 18043 | 741 238 001 0000 | 00 | 541 236 **1 | | 6 | 1.8 | 200 | 200 | 8.2 | 8.2 | B9A | P |
| 18045 | 041 230 871 0000 | 00 | 041 230 651 | | 18 | 3 | 200 | 200 | 20 | 11 | B9A | P |
| 18046 | 041 230 871 0000 | 00 | 041 230 651 | | 18 | 3 | 200 | 100 | 20 | 11 | B9A | P |
| 18048 | 281 704 130 0000 | 00 | 261 504 130 | | 20 | 4.8 | 250 | 150 | 16 | 6.5 | B8D | P |
| 95108 | 873 420 000 0000 | 00 | 653 320 000 | | 1.2 | 1 | 40 | 40 | 2.2 | 1 | B5A | P |
| 824476 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| A11A | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| A11D | 9X2 300 000 0000 | 00 | 892 200 000 | | 4 | | | | 60 | | B4 | RR |
| A20B | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | 60 | | B5 | DD |
| A23A | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 7 | 250 | | 4 | 2 | B7 | DDT |
| A26 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 1.5 | 90 | | 4.5 | 1.1 | UX4 | T |
| A27D | 91X 238 700 0000 | 40 | 819 236 500 | G1 | 4 | 6 | 250 | 250 | 36 | 9.5 | B7 | DDP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|--------------|------------|----------|-----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| A28 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 1.5 | 90 | | 7.5 | 1.1 | UX4 | T |
| A30 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 27 | 200 | | 22 | 1.0 | UX4 | T |
| A30B | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 250 | | 10 | 5.5 | B5 | T |
| A30D | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| A32 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 3 | 150 | | 1.5 | 0.9 | UX4 | T |
| A36A | [847 231 800 0000 057 231 800 0000 | 50 50 | 645 231 700 | G1 | 4 | [2 2 | 150 200 | 100 | 6 3.5 | 1.2 | B7 | TH |
| A36B | [847 231 800 0000 057 231 800 0000 | 50 50 | 645 231 700 | G1 | 4 | [2 2 | 100 250 | 250 | 22 3.5 | 6 0.75 | B7 | TH |
| A36C | [847 231 800 0000 057 231 800 0000 | 50 50 | 645 231 700 | G1 | 4 | [3 2.5 | 100 250 | 100 | 9 3.25 | 3.8 2.5 | B7 | TH |
| A40 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 40.5 | 200 | | 21 | 1.5 | UX4 | T |
| A40 | 284 310 000 0000 | 00 | 264 310 000 | | 4 | | 100 | | | 2 | 5AA | T |
| A40M | 274 130 000 0000 | 80 | 254 130 000 | A1 | 4 | 1.5 | 200 | 100 | 3 | 2 | UX5 | P |
| A40M | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 3 | 2 | B5 | P |
| A41 | 371 220 000 0000 | 84 | 351 220 000 | A1/G1 | 4 | | 250 | 100 | | 2 | 5AA | P |
| A48 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 4.5 | 90 | | 4.5 | 1.1 | UX4 | T |
| A50A | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B5 | P |
| A50A | 040 231 700 0000 | 80 | 040 231 500 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B7 | P |
| A50B | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 250 | 250 | 6 | 3.5 | B7 | P |
| A50M | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 125 | 4.5 | 2.3 | B7 | P |
| A50M | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 125 | 4.5 | 2.3 | B5 | P |
| A50N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 100 | 4.2 | 2.5 | B5 | P |
| A50N | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 4.2 | 2.5 | B7 | P |
| A50P | 080 231 700 0000 | 40 | 060 231 500 | G1 | 4 | 3 | 250 | 250 | 11.5 | 2 | B7 | P |
| A70B | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 25 | 250 | 250 | 36 | 2.6 | B5 | P |
| A70B | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 25 | 250 | 250 | 36 | 2.6 | B7 | P |
| A70C | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 3 | 250 | 250 | 36 | 9 | B7 | P |
| A70D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 5.8 | 250 | 250 | 36 | 9.5 | B5 | P |
| A70E | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 14 | 250 | 275 | 72 | 8.5 | B7 | P |
| A70P | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 14.5 | 250 | 250 | 70 | | B7 | P |
| A80A | 123 184 780 0000 | 40 | 123 164 560 | G1 | 4 | [1.8 8.5 | 90 250 | | 2 1.6 | 0.6 | 8SC | O |
| A80A | 847 231 800 0000 | 40 | 645 231 700 | G1 | 4 | [1.8 8.5 | 90 250 | 75 75 | 2 1.5 | 0.6 | B7 | O |
| A104 | 842 300 000 0000 | 00 | 642 300 000 | | 1.1 | 10 | 100 | | 5 | 0.3 | B4 | T |
| A106 | 842 300 000 0000 | 00 | 642 300 000 | | 1.4 | 9 | 100 | | 2 | 0.4 | UX4 | T |
| A106 | 842 300 000 0000 | 40 | 642 300 000 | | 1.4 | 9 | 100 | | 2 | 0.4 | B4 | T |
| A109 | 842 300 000 0000 | 00 | 642 300 000 | | 1.3 | 9 | 150 | | 2 | 0.4 | B4 | T |
| A109 | 284 300 000 0000 | 00 | 264 300 000 | | 1.4 | 9 | 150 | | 2 | 0.4 | UX4 | T |
| A110 | 284 300 000 0000 | 00 | 264 300 000 | | 1.4 | 4.5 | 150 | | 4 | 0.4 | UX4 | T |
| A110 | 842 300 000 0000 | 00 | 642 300 000 | | 1.4 | 4.5 | 150 | | 3 | 0.4 | B4 | T |
| A125 | 842 300 000 0000 | 00 | 642 300 000 | | 1.2 | 3 | 150 | | 0.4 | 0.4 | B4 | T |
| A203 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 30 | 150 | | 12 | 1.5 | B4 | T |
| A205 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 18 | 150 | | 7 | 1.2 | B4 | T |
| A206 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 8.5 | 150 | | 3.8 | | B4 | T |
| A209 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 9 | 150 | | 4 | 1.0 | B4 | T |
| A209 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 9 | 150 | | 4 | 1.0 | UX4 | T |
| A210 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 9 | 150 | | 3 | 1.0 | UX4 | T |
| A210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 9 | 150 | | 3 | 0.9 | B4 | T |
| A211 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 150 | | 2 | 1.2 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| A214 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 4.5 | 1.3 | B4 | T |
| A225 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1 | 1 | B4 | T |
| A225 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 3 | 150 | | 1 | 1 | UX4 | T |
| A235 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 6 | | | | 30 | | UX4 | R |
| A235 | 042 300 000 0000 | 80 | 042 300 000 | A1 | 2 | | 150 | | 1.5 | 0.4 | B4 | T |
| A239 | 230 200 000 0000 | 90 | 230 300 000 | D1 | 2.5 | | | | 60 | | UX4 | R |
| A241 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 2 | 20 | 20 | 1.2 | 1 | B4 | P |
| A242 | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 3 | 150 | 75 | 1.7 | 0.6 | UX4 | P |
| A303 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 27 | 150 | | 3 | 0.6 | UX4 | T |
| A306 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 15 | 150 | | 1.5 | 0.4 | UX4 | T |
| A404 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 10 | 100 | | 4 | 0.4 | B4 | T |
| A406 | 384 200 000 0000 | 00 | 364 200 000 | | 4 | 9 | 100 | | 2 | 0.4 | UX4 | T |
| A406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 100 | | 2 | 0.4 | B4 | T |
| A408 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.5 | B4 | T |
| A409 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | B4 | T |
| A409 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | UX4 | T |
| A410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 3.5 | 0.5 | B4 | T |
| A410 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 3 | 150 | | 3.5 | 0.5 | UX4 | T |
| A410N | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 3.5 | 0.5 | B4 | T |
| A411 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 200 | | 6 | 2.5 | B4 | T |
| A414 | 384 200 000 0000 | 00 | 364 200 000 | | 4 | 4.5 | 150 | | 3 | 2 | UX4 | T |
| A414 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4.5 | 150 | | 3 | 2 | B4 | T |
| A415 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.5 | B4 | T |
| A416 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4.5 | 150 | | 4 | 2 | B4 | T |
| A420 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.5 | B4 | T |
| A425 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 200 | | 0.2 | 1.2 | B4 | T |
| A430 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 200 | | 6 | 2.5 | B4 | T |
| A430 | 042 300 000 0000 | 80 | 042 300 000 | A1 | 4 | | 150 | | 1.5 | 0.5 | B4 | T |
| A430N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 250 | | 6.5 | 3.5 | B5 | T |
| A435 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 1 | 150 | | 2.1 | 0.5 | B4 | T |
| A440N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.6 | 200 | | 0.2 | 2.2 | B5 | T |
| A442 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 200 | 100 | 4 | 0.7 | B4 | P |
| A442 | 274 300 000 0000 | 80 | 254 300 000 | A1 | 4 | 1 | 200 | 100 | 1 | 0.4 | UX4 | P |
| A557 | 802 310 000 0000 | 40 | 602 310 000 | G1 | 4 | 8 | 150 | | 28 | 2 | B5 | T |
| A577 | 802 310 000 0000 | 40 | 602 310 000 | G1 | 4 | 20 | 250 | | 40 | 2 | B5 | T |
| A600 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 9 | 150 | | 4 | 1.5 | UX4 | T |
| A609 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 9 | 150 | | 4 | 1.5 | B4 | T |
| A609 | 802 310 000 0000 | 40 | 602 310 000 | G1 | 6 | 9 | 150 | | 4 | 1.5 | B5 | T |
| A615 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 4.5 | 150 | | 4 | 2.4 | B4 | T |
| A630 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1.5 | 150 | | 0.7 | 1.5 | B4 | T |
| A635 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | | 150 | | 1.2 | 1.5 | B4 | T |
| A642 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 6 | 1 | 200 | 100 | 4 | 0.7 | B4 | P |
| A802 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 100 | | 2.5 | 2.5 | B5 | T |
| A819 | 080 231 700 0000 | 40 | 060 231 500 | G1 | 4 | | 250 | 250 | 8 | 7.5 | B7 | P |
| A863 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| A901 | 047 231 800 0000 | 00 | 045 231 600 | | 5 | | 100 | 100 | 50 | 9 | B7 | P |
| A1685 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | 3 | 150 | 100 | 8 | 3.2 | A08 | P |
| A1714 | 412 300 800 0000 | 00 | 412 3** 600 | | 6 | 2.2 | 150 | | 10 | 8.5 | B7G | T |
| A1820 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | | 250 | 250 | 40 | 10.5 | B8B | P |
| △ A1834 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 40 | 100 | | | | A08 | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | V _f | V _{g1} | V _a | V _{g2} | I _a mA | gm mA/V † R _a MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|----------------|-----------------|----------------|-----------------|----------------------|--------------------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| A1860 | 702 332 408 0000 | 00 | 502 332 406 | | 2.5 | 7 | 200 | 150 | 35 | 6 | B9A | T |
| A2030N | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 3 | 200 | | 6 | 2.3 | B5 | T |
| A2040N | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 1.6 | 200 | | 0.2 | 3 | B5 | T |
| A2087 | 902 390 100 0000 | 00 | 8*2 380 100 | | 4.4 | | | | 5 | | B7G | R |
| A2118 | 842 370 000 0000 | 00 | 642 300 000 | | 20 | 3 | 200 | | 6 | 2.3 | B4 | T |
| A2134 | 412 380 700 0000 | 00 | 412 36* 500 | | 6 | 7.8 | 150 | 150 | 55 | 9.5 | B7G | P |
| A2226 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 6.3 | 12.5 | 150 | 150 | 50 | 8.5 | B9A | P |
| A2272 | 210 010 013 0000 | 90 | 21* *1* *13 | D1 | 6 | | | | 10 | | B9G | R |
| ΔA2293 | 010 234 008 0000 | 00 | *1* 234 **6 | | 6.3 | 23 | 150 | | 100 | 12 | B9A | T |
| A2327 | 010 234 008 0000 | 00 | 010 234 006 | | 6.3 | 3.5 | 250 | | 20 | 6 | B9A | T |
| A2359 | 010 234 008 0000 | 00 | 010 234 006 | | 6.5 | | 150 | | 100 | 12 | B9A | T |
| A2426 | 020 740 310 0000 | 80 | *2* 54* 310 | A1 | 6.3 | 13.5 | 150 | 150 | 50 | 8 | A08 | P |
| A2521 | 414 484 234 0000 | 00 | 414 464 234 | | 6.3 | 1 | 150 | | 15 | 15 | B9A | T |
| A2599 | 412 231 148 0000 | 6.3 | 411 231 146 | | 6.3 | 1 | 150 | | 16 | 15 | B9A | T |
| A2637 | 120 040 300 0000 | 80 | 120 040 300 | A1 | 6.3 | 7.0 | 20 | | 1.0 | 0.6 | A08 | T |
| A2674 | 211 403 708 0000 | 00 | 211 403 506 | | 6.3 | 1.4 | 200 | 150 | 23 | 30 | B9D | P |
| A2688 | 412 314 800 0000 | 00 | 412 314 600 | | 6.3 | 1 | 100 | | 12 | 11.5 | B7G | T |
| A2738 | 028 741 310 0000 | 00 | *26 541 310 | | 6.3 | 19 | 250 | 200 | 50 | 10 | A08 | P |
| A2792 | 040 230 100 0000 | 80 | *4* 23* 1** | A1 | 6.3 | 1.7 | 400 | | 1 | 2.5 | A08 | T |
| A2900 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | 2 | 250 | | 10.5 | 6.2 | B9A | TT |
| A2913 | 413 214 800 0000 | 00 | 413 214 600 | | 6.3 | | 200 | | 15.5 | 14 | B9A | T |
| A2975 | 412 300 800 0000 | 00 | 412 3** 600 | | 6.3 | 1.0 | 175 | | 15.5 | 14 | B7G | T |
| A3042 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 6.3 | 12.5 | 150 | 150 | 50 | 8.5 | B9A | P |
| A3064 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 1.6 | 250 | 250 | 10 | 7.6 | B7G | P |
| A4090 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 250 | | 6 | 2.4 | B5 | T |
| A15526 | 110 101 000 0230 | 80 | | | 6.3 | 0 | 200 | | 15 | 18 | NV | T |
| AA61 | 285 184 130 0000 | 00 | 274 164 130 | | 6 | 5.2 | 250 | | 6 | 2.7 | B8A | TT |
| AA91E | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | DD |
| AAB1 | 023 1Y0 X90 0000 | 00 | 023 1t0 980 | | 4 | | | | | | 8SC | DDD |
| AB1 | X02 310 000 0000 | 90 | 902 310 000 | D1 | 4 | | | | 0.8 | | B5 | DD |
| ABC1 | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 4 | 7 | 250 | | 4 | 2 | 8SC | DDT |
| ABC91 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| ABL1 | 023 1X9 780 0000 | 40 | 023 198 560 | G1 | 4 | 6 | 250 | 250 | 36 | 9 | 8SC | DDP |
| AC/042 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 38 | 300 | | 50 | 5 | B5 | T |
| AC/044 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 38 | 300 | | 50 | 5 | B4 | T |
| AC/045 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 22 | 250 | | 48 | 3.5 | B4 | T |
| AC/064 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 21 | 200 | | 20 | 3 | B4 | T |
| AC084 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 22 | 300 | | 17 | 1.1 | B4 | T |
| AC084N | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | 21 | 2.5 | B4 | T |
| AC2 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 4 | 5.5 | 250 | | 6 | 2.5 | 8SC | T |
| AC2DD | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4 | 5 | 250 | 250 | 32 | | B7 | DDP |
| AC2/HL | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.2 | 250 | | 2.5 | 6.5 | B5 | T |
| AC2/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 5.3 | 250 | 250 | 32 | 8.5 | B7 | P |
| AC2/PenDD | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4 | 5.3 | 250 | 250 | 32 | 8.5 | B7 | DDP |
| AC3/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 3 | 250 | 250 | 36 | 9 | B7 | P |
| AC4/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 4(5) | 7 | 250 | 250 | 56 | 11 | B7 | P |
| AC5/Pen | 047 213 800 0000 | 00 | 045 213 600 | | 4 | 8.5 | 250 | 250 | 40 | 9.4 | B7 | P |
| AC5/PenDD | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4(5) | 8.5 | 250 | 250 | 40 | 9.4 | B7 | DDP |
| AC6/Pen | 047 231 000 0000 | 80 | 045 231 000 | A1 | 4(5) | 6.9 | 300 | 225 | 63 | 9.5 | B7 | P |
| AC101 | 802 310 000 0000 | 40 | 602 310 000 | G1 | 4 | 5.5 | 250 | | 7 | 2.7 | B5 | T |
| AC104 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 10 | 150 | | 8.5 | 3.5 | B5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|----|--------------|------------|-----|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| AC701 | 103 080 020 0000 | 40 | 103 060 020 | G1 | 4 | 1.6 | 40 | | 0.5 | 0.7 | B8D | T |
| ACD | 902 310 000 0000 | 00 | 802 310 000 | | 4 | | | | | | B5 | D |
| ACDD | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| AC/DDT | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 4 | 200 | | 5 | 2.3 | B7 | DDT |
| AC/DX | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 5 | 3.5 | B5 | T |
| AC/G | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 7.5 | 200 | | 8 | 2.7 | B5 | T |
| ACH1 | [847 231 800 0000 057 231 800 0000] | [50 50] | 174 652 300 | G1 | 4 | [2 2] | 150 150 | 75 | 5 2.5 | 2] | C7 | TH |
| ACHL4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 5 | 250 | | 5 | 3.3 | B5 | T |
| ACHF | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 3 | 2.5 | B5 | T |
| ACHL | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 7 | 2 | B5 | T |
| AC/HLDD | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 3 | 200 | | 4.9 | 2.6 | B7 | DDT |
| ACHLDDD | XY0 231 890 0000 | 40 | 910 231 680 | G1 | 4 | 3 | 200 | | 4.9 | 2.6 | B9 | DDDT |
| ACHL4DD | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 3 | 250 | | 7 | 2.5 | B7 | DDT |
| ACHM4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 250 | 100 | 10 | 2.5 | B5 | P |
| AC/HP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.2 | 3.2 | B7 | P |
| AC/HP | 743 210 000 0000 | 80 | 543 210 000 | A1 | 4 | 1.5 | 200 | 100 | 4.2 | 3.2 | B5 | P |
| ACHVP | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B5 | P |
| ACH4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4 | 200 | | 3 | 3.3 | B5 | T |
| AC/L | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 13.5 | 200 | | 17 | 4.25 | B5 | T |
| ACL4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 15 | 250 | | 9 | 4 | B5 | T |
| AC/LP | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 14 | 200 | 18 | 4.25 | | B5 | T |
| AC/ME | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 22 | 250 | 250 | 0.2 | †1.0 | B7 | TI |
| ACME4 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 16 | 250 | 250 | 26 | | B5 | P |
| ACP | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 21 | 200 | | 19 | 3 | B4 | T |
| AC/P | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 13.5 | 200 | | 17 | 2.7 | B5 | T |
| ACP1 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 28 | 200 | | 24 | 2.3 | B5 | T |
| ACP/4 | 042 310 000 0000 | 80 | 042 310 000 | A1 | 4 | 1 | 100 | | 20 | 7 | B5 | T |
| ACP/4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 20 | 250 | | 20 | 4 | B5 | T |
| ACPN | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 12 | 250 | 200 | 22 | | B5 | P |
| ACPNDH | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 10 | 250 | 200 | 18 | | B5 | P |
| AC/PP | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 25 | 400 | | 50 | 5 | B4 | T |
| ACPP | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 5.5 | 250 | 250 | 32 | | B7 | P |
| AC/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 15.5 | 250 | 250 | 32 | 2.7 | B7 | P |
| AC/Pen | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 12 | 200 | 200 | 24 | 2.5 | B5 | P |
| ACPT | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 8 | 250 | 200 | 31 | | B5 | P |
| ACPX4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 18 | 250 | | 30 | 4 | B5 | T |
| ACPX4A | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 25 | 250 | | 50 | 5 | B4 | T |
| ACQ | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 22 | 400 | 250 | 57 | 6 | B7 | P |
| ACQA | | | 045 231 600 | | 6 | 23 | 400 | 250 | | 6 | B7 | P |
| AC/S1VM | 742 310 000 0000 | 80 | 542 310 000 | A1 | 6 | 1.4 | 200 | 75 | 5.6 | 1.1 | B5 | P |
| AC/S2 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 60 | 6 | 3.4 | B5 | P |
| AC/S2Pen | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 250 | 100 | 8 | 4.6 | B7 | P |
| AC/SG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 60 | 4.5 | 1.9 | B5 | P |
| AC/SGVM | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 60 | 5.8 | 2.0 | B5 | P |
| AC/SH | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 7.4 | 2.5 | B5 | P |
| AC/SL | 041 230 700 0000 | 80 | 041 230 500 | A1 | 4 | 2 | 200 | 100 | 3.8 | 2 | B5 | P |
| ACSP1 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 3 | 200 | 200 | 4.9 | 2.7 | B7 | P |
| ACSP3 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 250 | 100 | 9 | 7.5 | B7 | P |
| AC+SP3/RH | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 250 | 100 | 7 | 7.5 | B7 | P |
| ACTH1 | [847 231 800 0000 057 231 800 0000] | [50 50] | 654 231 700 | G1 | 4 | [2.7 3] | 75 250 | | 6 3 | 3 3.5] | B7 | TH |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------------------------|------------|------------------------------------|------------|-----|----------|------------|------------|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ACTH1A | 218 840 730 0000 218 050 730 0000 | 50 50 | 216 740 530 | G1 | 4 | [3 3 | 75 250 | 6 100 | 3 3 | 3 3.5 | M08 | TH |
| ACTP | 781 231 840 0000 | 50 | 571 231 640 | G1 | 4 | [3 5 | 150 250 | 1.5 200 | 5.5 5.5 | 1.4 1.6 | B9 | TP |
| ACVG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 75 | 5 | 3 | B5 | P |
| ACVH | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 9.3 | 2.7 | B5 | P |
| AC/VP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 5.7 | 2.5 | B7 | P |
| AC/VP | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 5.7 | 2.5 | B5 | P |
| ACVPB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 250 | 150 | 12 | 4 | B7 | P |
| AC/VP1 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2.8 | 250 | 200 | 7.4 | 2 | B7 | P |
| AC/VP2 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.8 | 250 | 100 | 7.4 | 2 | B7 | P |
| ACVP4 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | | 250 | 100 | 6 | 3 | B7 | P |
| ACVS | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 4.4 | 2 | B5 | P |
| ACVS4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 50 | 6 | 2 | B5 | P |
| AC/Y | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 10 | 250 | 250 | 32 | 3.5 | B7 | P |
| AC/Y | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 10 | 250 | 250 | 32 | 3.5 | B6 | P |
| AC/YC | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 10 | 250 | 250 | 68 | 7.5 | B7 | P |
| AC/YY | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 10 | 250 | 250 | 68 | 7.5 | B7 | P |
| AC/Z | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 5.5 | 250 | 250 | 32 | 7.5 | B5 | P |
| AC/Z | | | 045 231 600 | | 4 | 5.5 | 250 | 250 | 32 | 7.5 | B7 | P |
| AC/ZDD | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4 | 5.5 | 250 | 250 | 32 | 8 | B7 | DDP |
| AD | 291 300 000 0000 | 00 | 281 300 000 | | 6.3 | | | | 30 | | UX4 | R |
| AD1 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 45 | 250 | | 60 | 6 | 8SC | T |
| AD1/350 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 66 | 400 | | 42 | | 8SC | T |
| AD1N | 023 004 080 0000 | 00 | 023 004 060 | | 4 | | 300 | | 60 | | F8 | T |
| AD101 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 26.5 | 250 | | 40 | 4.6 | B5 | T |
| ADG | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 10 | 200 | | 10 | 3.5 | B5 | T |
| ADHF | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 3 | 200 | | 5 | 3.5 | B5 | T |
| ADHP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 20 | | 200 | 100 | 5 | 2.8 | B7 | P |
| ADL | 872 310 000 0000 | 00 | 652 310 000 | | 20 | 13 | 200 | | 20 | 3 | B5 | T |
| ADPN | 842 370 000 0000 | 00 | 642 350 000 | | 20 | 15 | 250 | 200 | 22 | | B5 | P |
| ADVHP | 041 231 700 0000 | 80 | 041 231 500 | A1 | 20 | | 200 | 100 | 5.5 | 2.5 | B7 | P |
| AE | 287 413 000 0000 | 00 | 265 413 000 | | 13 | 13.5 | 100 | 100 | 8.5 | 1.6 | UX6 | P |
| AF | 291 300 000 0000 | 00 | 281 300 000 | | 2.5 | | | | 120 | | UX4 | R |
| AF2 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4.2 | 2.5 | B5 | P |
| AF3 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 3 | 250 | 100 | 8 | 1.8 | 8SC | P |
| AF7 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2 | 250 | 100 | 3 | 2.1 | 8SC | P |
| AF8 | 028 748 310 0000 | 00 | 026 546 310 | | 6 | 2 | 200 | 50 | 3.5 | | A08 | O |
| AG | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 1250 | | UX4 | RP |
| AG495 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4 | 200 | | 4 | 2.5 | B5 | T |
| AG4100 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 5 | 2 | B4 | T |
| AH1 | 023 147 780 0000 | 40 | 023 145 560 | G1 | 4 | 2 | 250 | 75 | 3 | 1.8 | 8SC | P |
| AH100 | 023 147 780 0000 | 40 | 023 145 560 | G1 | 4 | 2.5 | 200 | 100 | 5.5 | 1.5 | 8SC | P |
| AH4105 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 125 | 4.5 | 2.3 | B5 | P |
| AK2 | 023 185 780 0000 | 40 | 123 164 570 | G1 | 4 | [2 2 | 100 250 | 75 75 | 4.2 4.5 | 0.9 2.2 | 8SC | O |
| AL1 | 023 004 780 0000 | 00 | 023 004 560 | | 4 | 15 | 250 | 250 | 36 | 2.8 | 8SC | P |
| AL2 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 4 | 25 | 250 | 250 | 36 | 2.6 | 8SC | P |
| AL3 | 247 231 800 0000 | 00 | 245 231 600 | | 4 | 3 | 250 | 250 | 36 | 9 | B7 | P |
| AL3 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 6.5 | 250 | 250 | 36 | 9.5 | 8SC | P |
| AL4 | 147 231 800 0000 | 00 | 145 231 600 | | 4 | 3 | 250 | 250 | 36 | | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| AL4 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 6.5 | 250 | 250 | 36 | 9.5 | 8SC | P |
| AL4/375 | 147 231 800 0000 | 00 | 145 231 600 | | 4 | 6 | 250 | 250 | 34 | 9.5 | B7 | P |
| AL4/375 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 6 | 250 | 250 | 34 | 9.5 | 8SC | P |
| AL5 | 147 231 800 0000 | 00 | 145 231 600 | | 4 | 14 | 250 | 250 | 72 | 8.5 | B7 | P |
| AL5/375 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| AL60 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4(5) | 7 | 250 | 250 | 72 | 14.5 | B7 | P |
| AL60 | 702 331 480 0000 | 00 | 502 331 460 | | 2.4 | 7 | 200 | 150 | 35 | 6 | B8D | P |
| AL495 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 12 | 250 | | 30 | 4 | B5 | T |
| AL860 | 702 331 408 0000 | 00 | 502 331 406 | | 4.8 | 7 | 200 | 150 | 35 | 6 | B9A | P |
| AM1 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 5 | 250 | 250 | 0.1 | 12.0 | 8SC | TI |
| AMOE | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 14 | 250 | 250 | 72 | 9 | B7 | P |
| AN4092 | 842 310 000 0000 | 90 | 642 310 000 | D1 | 4 | 3.5 | 200 | | 6 | 2 | B5 | DT |
| APP4A | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 16.5 | 250 | 250 | 36 | 3.5 | B7 | P |
| APP4AS | 023 100 780 0000 | 40 | 023 100 560 | G1 | 4 | 16.5 | 250 | 250 | 36 | 3.5 | 8SC | P |
| APP4B | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 5 | 250 | 250 | 32 | 10 | B7 | P |
| APP4BS | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 5 | 250 | 250 | 32 | 10 | 8SC | P |
| AP495 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 2.5 | 5 | B5 | T |
| APP4C | 147 231 800 0000 | 00 | 145 231 600 | | 4(5) | 5 | 250 | 250 | 36 | 10 | B7 | P |
| APP4D | 147 231 800 0000 | 00 | 145 231 600 | | 4 | 16 | 250 | 250 | 72 | 7 | B7 | P |
| APP4E | 147 231 800 0000 | 00 | 145 231 600 | | 4(5) | 13.5 | 350 | 275 | 72 | 8.5 | B7 | P |
| APP4E | 023 104 780 0000 | 00 | 023 104 560 | | 4(5) | 13.5 | 350 | 275 | 72 | 8.5 | 8SC | P |
| APP4G | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4(5) | 6 | 250 | 250 | 36 | 10 | B7 | P |
| APP4G | 041 231 700 0000 | 80 | 005 231 600 | G1 | 4(5) | 6 | 250 | 250 | 36 | 10 | B7 | P |
| APP4G | 007 231 800 0000 | 40 | | | 4 | 6 | 250 | 250 | 36 | 10 | B7 | P |
| APP495 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 23 | 300 | 200 | 25 | 2 | B5 | P |
| APP4100 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 15 | 250 | 250 | 24 | 2.5 | B5 | P |
| APP4120 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 15 | 350 | 200 | 22 | 3.5 | B5 | P |
| APV4 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| APV 4200 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| AR495 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 100 | | | 5 | B5 | T |
| AR4100 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 3 | 2 | B5 | T |
| AR4101 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 100 | | | 3 | B5 | T |
| AS494 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 15 | 1.5 | B5 | P |
| AS495 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 1 | 3.4 | B5 | P |
| AS4100 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 6 | 200 | 100 | 4 | 1.4 | B5 | P |
| AS4120 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 3 | B5 | P |
| AS4125 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 100 | 3 | 3 | B4 | P |
| AV11 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | | | UX4 | R |
| AX | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 9 | 150 | | 3 | 0.8 | UX4 | T |
| AX1 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| AX50 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| AZ1 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 30 | | 8SC | RR |
| AZ2 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| AZ3 | 023 190 0X0 0000 | 00 | 023 180 090 | | 4 | | | | 60 | | 8SC | RR |
| AZ4 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4(5) | | | | 60 | | 8SC | RR |
| AZ11 | X02 300 090 0000 | 00 | 902 300 080 | | 4 | | | | 60 | | F8 | RR |
| AZ21 | 299 03X X20 0000 | 00 | 288 039 920 | | 2 | | | | 30 | | A08 | RR |
| AZ31 | 020 90X 030 0000 | 00 | 020 809 030 | | 4 | | | | 30 | | A08 | RR |
| AZ32 | 020 90X 030 0000 | 00 | 020 809 030 | | 4 | | | | 60 | | A08 | RR |
| AZ33 | 029 0X0 300 0000 | 00 | 028 090 300 | | 4 | | | | 60 | | A08 | RR |
| AZ41 | 090 00X 230 0000 | 00 | *8* **9 230 | | 4 | | | | 30 | | B8A | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| AZ50 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4(5) | | | | 120 | | 8SC | RR |
| AZ50 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4(5) | | | | 120 | | B4 | RR |
| B2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 150 | | 2 | 1.2 | B4 | T |
| B7 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | | 150 | | 8 | 0.67 | B4 | T |
| B11 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | | 200 | | 20 | 1.4 | B4 | T |
| B21 | 458 230 800 0000 | 00 | 447 230 600 | | 2 | 3 | 150 | | 5.0 | 1.5 | B7 | TT |
| B22 | 458 230 800 0000 | 00 | 446 230 700 | | 2 | | 150 | | 5 | | B7 | TT |
| B23 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 150 | | 4 | 0.75 | B4 | T |
| B24 | 458 230 800 0000 | 00 | 446 230 700 | | 2 | 0 | 150 | | 7 | | B7 | TT |
| B30 | 481 238 500 0000 | 00 | 461 237 400 | | 13 | 0 | 200 | | 30 | | B7 | TT |
| B36 | 581 481 230 0000 | 00 | 471 461 230 | | 13 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| B63 | 284 158 300 0000 | 00 | 264 147 300 | | 6 | 5 | 250 | | 6 | 3.1 | UX7 | TT |
| B65 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| B105 | 284 300 000 0000 | 00 | 264 300 000 | | 1.4 | 18 | 150 | | 8 | 1.0 | UX4 | T |
| B105 | 842 300 000 0000 | 00 | 642 300 000 | | 1.4 | 18 | 150 | | 8 | 1.0 | B4 | T |
| B109 | 851 238 410 0000 | 00 | 741 236 410 | | 26 | 1.5 | 200 | | 10 | 6.2 | B9A | TT |
| B152 | 852 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10.0 | 5.5 | B9A | TT |
| B203 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 26 | 150 | | 11 | 1.5 | B4 | T |
| B204 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 22.5 | 125 | | 8 | 0.9 | UX4 | T |
| B205 | 842 300 000 0000 | 00 | 642 300 0000 | | 2 | 18 | 150 | | 7 | 1.2 | B4 | T |
| B205 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 18 | 150 | | 7 | 1.2 | UX4 | T |
| B217 | 842 300 000 0000 | 00 | 642 300 000 | | 4.5 | 4.5 | 150 | | 3 | 1.3 | B4 | T |
| B217 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 4.5 | 150 | | 3 | 1.3 | UX4 | T |
| B228 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 2 | 150 | | 2 | 1.2 | B4 | T |
| B230 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 5.5 | | B7 | TT |
| B240 | 284 583 000 0000 | 00 | 264 473 000 | | 2 | 0 | 150 | | 15 | | UX6 | TT |
| B242 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 0 | 200 | 75 | 4.5 | 1.1 | B4 | P |
| B242 | 274 300 000 0000 | 80 | 254 300 000 | A1 | 2 | 0 | 200 | 75 | 4.5 | 1.1 | UX4 | P |
| B255 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 100 | 1.8 | 1.2 | B4 | P |
| B255 | 274 300 000 0000 | 80 | 254 300 000 | A1 | 2 | 1 | 150 | 100 | 1.8 | 1.2 | UX4 | P |
| B262 | 742 300 000 0000 | 80 | 265 300 000 | G1 | 2 | 1 | 150 | 100 | 1.8 | 1.3 | UX4 | P |
| B309 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| B319 | 158 234 118 0000 | 00 | 147 234 116 | | 7.5 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| B329 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| B339 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | T |
| B342 | 287 300 000 0000 | 40 | 265 300 000 | G1 | 2 | 2.5 | 150 | 75 | 4 | 1.3 | UX4 | P |
| B349 | 158 234 118 0000 | 00 | 147 234 116 | | 7 | 1.2 | 90 | | 15 | 9 | B9A | TT |
| B403 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 30 | 150 | | 15 | 1.5 | B4 | T |
| B403 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 30 | 150 | | 15 | 1.5 | UX4 | T |
| B405 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 18 | 150 | | 11 | 1.6 | B4 | T |
| B405 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 18 | 150 | | 11 | 1.6 | UX4 | T |
| B406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 150 | | 8 | 1.4 | B4 | T |
| B406 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 15 | 150 | | 8 | 1.3 | UX4 | T |
| B409 | 842 300 000 0000 | 00 | 842 300 000 | | 4 | 16 | 250 | | 12 | 2 | B4 | T |
| B409 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 16 | 250 | | 12 | 2 | UX4 | T |
| B415 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 4.5 | 150 | | 3 | 2 | UX4 | T |
| B424 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.3 | 200 | | 6 | 2.5 | B4 | T |
| B424 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 2.3 | 200 | | 6 | 2.5 | UX4 | T |
| B424S | | | 642 300 000 | | 4 | 3 | 200 | | 3 | 2.5 | B4 | T |
| B425 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4.5 | 150 | | 3 | 2 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| B425 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 4.5 | 150 | | 3 | 2 | UX4 | T |
| B435N | 842 310 000 0000 | 90 | 642 310 000 | D1 | 4 | 3.5 | 200 | | 6 | 2 | B5 | DT |
| B438 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 200 | | 0.2 | 2 | B4 | T |
| B438 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 2.5 | 200 | | 0.2 | 2 | UX4 | T |
| B438S | | | 642 300 000 | | 4 | 1.5 | 200 | | 2 | 2 | B4 | T |
| B442 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 200 | 100 | 4.5 | 0.9 | B4 | P |
| B442M | | | 254 300 000 | A1 | 4 | 1 | 200 | 100 | 4.5 | 0.9 | UX4 | P |
| B443 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 200 | 150 | 12 | 1.2 | B5 | P |
| B443 | 284 300 000 0000 | 70 | 264 300 000 | G2 | 4 | 17 | 200 | 150 | 12 | 1.2 | UX4 | P |
| B443S | 842 300 000 0000 | 70 | 642 350 000 | | 4 | 12 | 250 | 75 | 12 | 1.6 | B5 | P |
| B443S | | | 642 300 000 | G2 | 4 | 12 | 250 | 75 | 12 | 1.6 | B4 | P |
| B443S | | | 264 300 000 | G2 | 4 | 12 | 250 | 75 | 12 | 1.6 | UX4 | P |
| B494 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 4 | 4 | B4 | T |
| B543 | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 15 | 200 | 150 | 13 | 1.3 | B5A | P |
| B543 | 284 300 000 0000 | 70 | 264 300 000 | G2 | 5 | 15 | 200 | 150 | 12 | 1.3 | UX4 | P |
| B543 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 5 | 15 | 200 | 150 | 12 | 1.3 | B4 | P |
| B605 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 18 | 150 | | 9 | 1.8 | B4 | T |
| B605 | 284 300 000 0000 | 00 | 264 300 000 | | 6 | 18 | 150 | | 9 | 1.8 | UX4 | T |
| B609 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 18 | 250 | | 12 | 1.8 | B4 | T |
| B719 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2 | 250 | | 10 | 6 | B9A | TT |
| B729 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 7.7 | 200 | | 10 | 3.4 | B9A | TT |
| B2006 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 18 | 200 | | 15 | 1.6 | B5 | T |
| B2038 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 3 | 200 | | 6 | 2.3 | B5 | T |
| B2041 | 802 300 000 0000 | 40 | 602 300 000 | G1 | 20 | 1 | 100 | | 2.5 | 0.1 | B4 | T |
| B2042 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| B2043 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 20 | 18 | 200 | 200 | 20 | 1.7 | B5 | P |
| B2044 | 219 004 730 0000 | 00 | 218 004 530 | | 20 | 4 | 200 | 60 | 0.7 | 2.8 | A08 | P |
| B2044S | 842 310 000 0000 | 90 | 642 310 000 | D1 | 20 | 3 | 200 | | 6 | 1.8 | B5 | DT |
| B2045 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| B2046 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 3 | 2.2 | B5 | P |
| B2047 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 4 | 2 | B5 | P |
| B2055 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 1.5 | 200 | 100 | 3 | 2 | B5 | P |
| B2099 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 1.6 | 200 | | 0.2 | 3 | B5 | T |
| BA2 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | | 150 | | 1.5 | | B7 | TT |
| BB1 | X02 310 000 0000 | 90 | 902 310 000 | D1 | 16 | | | | | | B5 | DD |
| BB220A | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 3 | 150 | | 4 | | B7 | TT |
| BB240 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 6 | 150 | | 2.2 | | B7 | TT |
| BB240 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 4.5 | 150 | | 2.5 | 1.5 | B5 | DDT |
| BCH1 | 487 231 800 0000 | 50 | 465 231 700 | G1 | 24 | | 100 | | 5 | 1.2 | | |
| BCH1 | 507 231 800 0000 | 50 | | | | 2 | 200 | 50 | 1.3 | 0.7 | B7 | TP |
| BF1 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 150 | | 8 | 1.3 | B4 | T |
| BF61 | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 7 | 250 | 250 | 36 | 10 | B8A | P |
| BF62 | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 10 | 250 | 250 | 26 | 3.2 | B8A | P |
| BF451 | 281 074 130 0000 | 00 | 261 054 130 | | 45 | 9 | 200 | 175 | 54.5 | 9.5 | B8A | P |
| BHP61 | 023 010 780 0000 | 40 | 023 010 560 | G1 | 2 | 0.5 | 150 | 125 | 2.5 | 0.7 | 8SC | P |
| BL2 | 872 310 000 0000 | 40 | 652 310 000 | G1 | 30 | 20 | 200 | 100 | 40 | 3 | B5 | P |
| BL63 | 028 148 310 0000 | 60 | 027 146 310 | G1 | 6 | | 250 | | 14 | 4.2 | A03 | TT |
| BLP61 | 023 004 780 0000 | 00 | 023 004 560 | | 2 | | 150 | 150 | 7 | 2.7 | 8SC | P |
| BM968 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 60 | | UX4 | R |
| BPM04 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| BW3 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 125 | 6 | 2.2 | B5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| BW602 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 12 | 3.4 | B4 | T |
| BW1304 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 6 | 150 | | 6 | 3.2 | B4 | T |
| BX2 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | | 200 | | 2.5 | | B7 | TT |
| BX604 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 8 | 1.5 | B4 | T |
| C3A | 281 704 130 0000 | 00 | 261 504 130 | | 6.3 | | 250 | 150 | 16 | 6.5 | B8G | P |
| C3G | 281 704 130 0000 | 00 | 261 504 130 | | 6.3 | 1.8 | 200 | 150 | 13 | 14 | A08 | P |
| C3G | 218 714 130 0000 | 00 | 216 514 130 | | 6.3 | 1.8 | 250 | 150 | 13 | 13.5 | B8B | P |
| C3G | 902 382 470 0000 | 00 | 802 362 450 | | 6.3 | 1.8 | 200 | 150 | 13 | 14 | F8 | DP |
| C3M | 281 704 130 0000 | 00 | 261 504 130 | | 20 | 4.5 | 250 | 150 | 15.0 | 6.0 | B8B | P |
| C9 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | B4 | T |
| C10B | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 75 | | 8SC | R |
| C10B | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| C20C | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | | | B5 | DD |
| C23B | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 5 | 200 | | 4 | 2 | B7 | DDT |
| C25 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 200 | | 2.3 | 1.2 | B4 | T |
| C30 | 281 704 130 0000 | 00 | 261 504 130 | | 6.3 | 4.5 | 250 | 150 | 15 | 6 | B8B | P |
| C30B | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 4 | 200 | | 4 | 3.2 | B7 | T |
| C36A | 847 231 800 0000 | 50 | 645 231 740 | | 21 | 1.5 | 100 | | 4 | 2 | B9 | TH |
| | 057 231 800 0000 | 50 | | | | | 250 | 75 | 3 | | | |
| C36B | 847 231 800 0000 | 50 | 645 231 700 | G1 | 29 | | 100 | | 4 | 2 | B7 | TH |
| | 057 231 800 0000 | 50 | | | | | 250 | 150 | 3.4 | | | |
| C36C | 847 231 800 0000 | 50 | 645 231 740 | | 29 | 2.5 | 100 | | 4 | 2 | B9 | TH |
| | 057 231 800 0000 | 50 | | | | | 250 | 75 | 3 | 3.5 | | |
| C50B | 081 231 700 0000 | 40 | 061 231 500 | G1 | 12 | 2.2 | 200 | 200 | 2.5 | 2.8 | B7 | P |
| C50N | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 2 | 200 | 200 | 9.5 | 2 | B7 | P |
| C70D | 023 110 780 0000 | 40 | 023 110 560 | G1 | 33 | 8.5 | 200 | 200 | 45 | 8 | 8SC | P |
| C70D | 047 231 800 0000 | 00 | 045 231 600 | | 35 | 8.5 | 200 | 200 | 45 | 8 | B7 | P |
| C80B | 123 174 780 0000 | 40 | 123 154 560 | G1 | 13 | 1.5 | 200 | 90 | 1.9 | | 8SC | O |
| C109 | 842 300 000 0000 | 00 | 642 300 000 | | 1 | 9 | 150 | | 3.5 | 0.5 | B4 | T |
| C125 | 842 300 000 0000 | 00 | 642 300 000 | | 1 | 3 | 150 | | 0.7 | 0.8 | B4 | T |
| C135 | 042 300 000 0000 | 80 | 042 300 000 | A1 | 1.4 | | 150 | | 1.5 | 1 | B4 | T |
| C142 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 1 | 1.5 | 150 | 75 | 1.7 | 0.8 | B4 | P |
| C144 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 15 | 300 | 200 | 40 | 9 | B7A | PP |
| C180 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 20 | 300 | 250 | 55 | 3.5 | B7A | PP |
| C243 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 15 | 150 | 150 | 17 | 1.5 | B5 | P |
| C243N | 284 730 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 125 | 6 | 3.2 | B5 | P |
| C243N | | | 264 530 000 | | 2 | 4.5 | 150 | 125 | 6 | 2.2 | UX5 | P |
| C405 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 32 | 250 | | 20 | 1.9 | B4 | T |
| C405 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 32 | 250 | | 20 | 1.9 | UX4 | T |
| C408 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 7 | 150 | | 14 | 2.9 | B4 | T |
| C443 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| C443N | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 42 | 300 | 200 | 20 | 1.5 | B5 | P |
| C443N/S | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 300 | 150 | 20 | 1.5 | B5 | P |
| C453 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| C508 | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 9 | 150 | | 6.2 | 1.7 | UX4 | T |
| C509A | 842 300 000 0000 | 00 | 642 300 000 | | 5 | 10 | 150 | | 10 | 1 | B4 | T |
| C543 | 843 370 000 0000 | 00 | 642 350 000 | | 4 | 1 | 100 | 150 | | 2 | B5 | P |
| C603 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 40 | 200 | | 20 | 1.7 | B4 | T |
| C606 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 27 | 250 | | 20 | 3.3 | B4 | T |
| C643 | 842 370 000 0000 | 00 | 642 350 000 | | 6 | 21 | 300 | 200 | 20 | 1.5 | B5 | P |
| C1134 | | | 245 135 200 | A1/A2 | 6 | 17 | 400 | 200 | 20 | 2.5 | B7A | PP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|------|-------------|------------|-----|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| CB215 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 15 | 1.7 | B7 | TT |
| CB215S | 023 084 580 0000 | 00 | 023 064 470 | | 2 | 1 | 150 | | 12 | 1.7 | 8SC | TT |
| CB220 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 3 | 150 | | 15 | | B7 | TT |
| CBC1 | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 13 | 7 | 250 | | 4 | 2 | 8SC | DDT |
| CBL1 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 44 | 8.5 | 200 | 200 | 45 | 8 | 8SC | DDP |
| CBL6 | 023 1X9 780 0000 | 40 | 023 198 560 | G1 | 44 | 8 | 100 | 100 | 45 | 6 | 8SC | DDP |
| CBL31 | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 44 | 8.5 | 200 | 200 | 45 | 8 | A08 | DDP |
| CC1 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 3.7 | 200 | | 2.6 | 2 | 8SC | T |
| CC2 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 5.5 | 250 | | 6 | 2.5 | 8SC | T |
| CC81E | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 0.6 | 250 | | 10 | 5.5 | B9A | TT |
| CC82E | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| CC86E | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 9.3 | 250 | | 14.5 | 5.2 | B9A | TT |
| CCa | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | | 100 | | 15 | 12 | B9A | TT |
| CCH1 | [023 178 480 0000 023 170 580 0000] | [50 50] | 023 156 470 | G1 | 20 | [10 2] | 200 200 | 50 | 2.5 2 | 2.3 | 8SC | TH |
| CCH2 | [023 184 780 0000 023 105 780 0000] | [50 50] | 023 164 570 | G1 | 29 | [10 2] | 200 200 | 75 | 2.5 2 | 2.3 | 8SC | TH |
| CCH35 | [020 048 310 0000 028 750 310 0000] | [50 50] | 027 546 310 | G1 | 7.5 | [2 2] | 100 250 | 100 | 5.4 5 | 2.2 2.4 | A08 | TH |
| CF1 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 3 | 2.3 | 8SC | P |
| CF2 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 4.5 | 2.2 | 8SC | P |
| CF3 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 100 | 75 | 7.5 | 2.1 | 8SC | P |
| CF7 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 100 | 100 | 3 | 2.1 | 8SC | P |
| CF50 | 123 100 780 0000 | 40 | 123 100 560 | G1 | 30 | 2 | 200 | 100 | 1.5 | 3.3 | 8SC | P |
| CF51 | 123 100 780 0000 | 40 | 123 100 560 | G1 | 30 | 2 | 250 | 100 | 1.7 | 3.3 | 8SC | P |
| CF61 | [288 475 130 0000 280 575 130 0000] | [00 00] | 276 454 130 | | 6 | [2 2] | 100 250 | 100 | 5 3 | 2.2 2 | B8A | TH |
| CF141 | [288 475 130 0000 280 575 130 0000] | [00 00] | 276 454 130 | | 14 | [2 2] | 100 200 | 90 | 6.4 2.7 | 2.2 1.5 | B8A | TH |
| CH1 | 023 147 780 0000 | 40 | 023 145 560 | G1 | 13 | 2 | 250 | 75 | 3 | 1.8 | 8SC | P |
| CK1 | 023 174 780 0000 | 40 | 023 154 560 | G1 | 13 | 1.5 | 200 | 90 | 8 | 3 | 8SC | P |
| CK3 | 023 174 780 0000 | 40 | 023 154 560 | G1 | 19 | 15 | 200 | 100 | 2.5 | | 8SC | O |
| CK108 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6.3 | 3 | 250 | 100 | 2.3 | 1.2 | UX6 | P |
| CK507AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 40 | 40 | 0.9 | 0.6 | B5A | P |
| CK509AX | 834 200 000 0000 | 00 | 634 200 000 | | 0.62 | | 40 | | 0.1 | 0.1 | B5A | T |
| CK518AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 40 | | 0.8 | 0.5 | B5A | T |
| CK520AX | 873 420 000 0000 | 00 | 653 420 000 | | 0.62 | 2.5 | 40 | 40 | 0.2 | 0.1 | B5A | P |
| CK521AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3 | 20 | 20 | 0.6 | 0.4 | B5A | P |
| CK523AX | 973 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| CK524AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| CK526AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 20 | 20 | 0.5 | 0.4 | B5A | P |
| CK527AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.1 | 0.2 | B5A | P |
| CK528AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 40 | 40 | 0.7 | 0.6 | B5A | P |
| CK529AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| CK531DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 20 | 20 | 0.3 | 0.2 | B5A | P |
| CK532DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.4 | 0.4 | B5A | P |
| CK535AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| CK539AX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.4 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| CK541DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 30 | 30 | 0.2 | 0.4 | B5A | P |
| CK542DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| CK544DX | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 30 | 30 | 0.1 | 0.3 | B5A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| CK545DX | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | 0.6 | 20 | 20 | | | B5A | P |
| CK546 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.4 | 0.4 | B5A | P |
| CK1002 | 009 0X0 010 0000 | 00 | 008 090 010 | | 6 | | | | 30 | 3k | A08 | CCR |
| CK1005 | 009 0X2 030 0000 | 00 | 008 092 030 | | 6.3 | | | | 30 | | A08 | RR |
| CK1006 | 29X 300 000 0000 | 00 | 289 300 000 | | 2 | | | | 60 | | UX4 | RR |
| CK1007 | 009 0X2 030 0000 | 00 | 008 092 030 | | 1 | | | | 60 | | A08 | RR |
| CK1012 | 29X 300 000 0000 | 00 | 289 300 000 | | 2 | | | | 120 | | UX4 | RR |
| CK1024 | 009 0X0 010 0000 | 00 | 008 090 010 | | 6 | | | | 60 | 3k | A08 | CCR |
| CK1028 | 202 322 300 0000 | 90 | 202 322 300 | D1 | 6 | | | | 60 | | B7G | R |
| CK1091 | 200 900 300 0000 | 00 | 200 800 300 | | 1.4 | | | | | | B7G | D |
| CK1216 | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | | 100 | | 5 | 3.4 | B7G | TT |
| CK5608 | 284 158 300 0000 | 00 | 264 147 300 | | 2.5 | 6 | 200 | | 6 | 2.4 | UX7 | TT |
| CK5639 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | | 150 | 100 | 21 | 9 | B8D | P |
| CK5654 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| CK5656 | 745 231 881 0000 | 00 | 544 231 671 | | 6.3 | 2 | 150 | 125 | 15 | 5.8 | B9A | PP |
| CK5670 | 214 808 513 0000 | 00 | 214 607 413 | | 6.3 | | 150 | | 8.5 | 5.5 | B9A | TT |
| CK5672 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 3.2 | 0.6 | B5A | P |
| CK5676 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5 | 150 | | 4 | 1.6 | B5A | T |
| CK5677 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5.5 | 150 | | 1.9 | 0.8 | B5A | T |
| CK5678 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 1.8 | 1.1 | B5A | P |
| CK5687 | 841 221 538 0000 | 00 | 641 221 437 | | 6.3 | 2 | 150 | | 36 | 11 | B9A | TT |
| CK5692 | 481 581 230 0000 | 00 | 461 471 230 | | 6.3 | 9 | 250 | | 6.5 | 2.2 | A08 | TT |
| CK5693 | 128 458 310 0000 | 00 | 126 447 310 | | 6.3 | 6 | 200 | 7 | | 3.2 | B8B | TT |
| CK5694 | 128 458 310 0000 | 00 | 126 447 310 | | 6.3 | 6 | 300 | | 7 | 3.2 | A08 | TT |
| CK5697 | 832 400 000 0000 | 00 | 632 400 000 | | 0.6 | 3 | 12 | | 0.2 | 0.1 | B5A | T |
| CK5702 | 873 420 000 0000 | 00 | 653 420 000 | | 6.3 | | 150 | 125 | 7.5 | 5 | B7G | P |
| CK5703 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | | 150 | | 9 | 5 | B5A | T |
| CK5704 | 823 100 000 0000 | 00 | 623 100 000 | | 6.3 | | | | 5 | | B5A | D |
| CK5725 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 150 | 125 | 5.2 | 3.2 | B7G | P |
| CK5726 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | DD |
| CK5744 | 823 410 000 0000 | 00 | 623 410 000 | | 6.3 | | 250 | | 4 | 4 | B5A | T |
| CK5749 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 250 | 100 | 11 | 4.4 | B7G | P |
| CK5751 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 3 | 250 | | 1.0 | 1.2 | B9A | TT |
| CK5755 | 814 225 183 0000 | 00 | 614 224 173 | | 6.3 | 0.9 | 100 | | 0.1 | 0.5 | B9A | TT |
| CK5784 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | 2 | 150 | 125 | 5.2 | 3.2 | B7F | P |
| CK5785 | 923 000 000 0000 | 00 | 823 000 000 | | 1.2 | | | | | | | D |
| CK5814 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| CK5829 | 912 13X100 0000 | 00 | 812 139 100 | | 6.3 | | | | 5 | | B7F | DD |
| CK5851 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 5.5 | 1.6 | B8D | P |
| CK5854 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 2 | 40 | 40 | 0.8 | 0.5 | B5A | P |
| CK5873 | 284 115 830 0000 | 00 | 264 114 730 | | 6.3 | 3 | 150 | | 9 | 2.9 | B8D | TT |
| CK5875 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 90 | 90 | 3.5 | 2.5 | B5A | P |
| CK5881 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 14 | 150 | 250 | 75 | 6.1 | A08 | P |
| CK5910 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | | 90 | 90 | 1.6 | 0.9 | B7G | P |
| CK9565 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 150 | | 8.2 | 6.5 | B9A | TT |
| CK5967 | 824 335 280 0000 | 00 | 624 334 270 | | 1.2 | | 40 | | 3 | 0.1 | B8D | TT |
| CK5968 | 824 335 280 0000 | 00 | 624 334 270 | | 1.2 | | 40 | | 0.7 | 1.3 | B8D | TT |
| CK5969 | 247 887 530 0000 | 00 | 245 675 430 | | 1.2 | 3 | 150 | 40 | 6 | 1.7 | B8D | PP |
| CK5970 | 247 887 530 0000 | 00 | 245 675 430 | | 1.2 | | 40 | 40 | 3 | 1.8 | B8D | PP |
| CK5971 | 842 430 000 0000 | 00 | 642 430 000 | | 1.2 | | 60 | | 3.5 | 2.1 | B5A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| CK5972 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 2.5 | 1.3 | B5A | P |
| CK5975 | | | 614 230 000 | | 6.3 | | 100 | | 10 | 5.1 | B5A | T |
| CK5995 | 902 310 000 0000 | 00 | 8*2 310 000 | | 6.3 | | | | 30 | | B5A | R |
| CK6005 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| CK6021 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 6.5 | 5.4 | B8D | TT |
| CK6029 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 4 | 90 | | 11 | 2 | B5A | T |
| CK6050 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5 | 150 | | 4 | 1.6 | B5A | T |
| CK6051 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 4 | 40 | 40 | 3 | 1.2 | B5A | P |
| CK6088 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 40 | 40 | 0.7 | 0.6 | B5A | P |
| CK6092 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 4.5 | 40 | 40 | 1.4 | 0.6 | B5A | P |
| CK6100 | 802 384 100 0000 | 00 | 602 364 100 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| CK6101 | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | | 100 | | 9 | 6 | B7G | TT |
| CK6110 | 912 0X3 100 0000 | 00 | 812 093 100 | | 6.3 | | | | | | B8D | DD |
| CK6111 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 8.5 | 5 | B8D | TT |
| CK6112 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 0.8 | 1.8 | B8D | TT |
| CK6147 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 5.5 | 1.6 | B8D | P |
| CK6152 | 814 230 000 0000 | 00 | 614 230 000 | | 6.3 | | 100 | | 10 | 5.1 | B5A | T |
| CK6186 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 250 | 150 | 7 | 5 | B7G | P |
| CK6201 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 250 | | 10 | 5.5 | B9A | TT |
| CK6245 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | | 20 | 30 | 2.5 | 3.3 | B7G | P |
| CK6247 | 442 813 080 0000 | 00 | 442 613 060 | | 6.3 | | 250 | | | 2.6 | B8D | T |
| CK6286 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 2 | 60 | | 6 | 2.1 | B5A | T |
| CK6397 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 7.2 | 2 | B8D | P |
| CK6414 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | | 200 | | 8 | 5.5 | B9A | TT |
| CK6418 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1.2 | 20 | 20 | 0.2 | 0.3 | B5A | P |
| CK6419 | 872 430 000 0000 | 00 | 652 430 000 | | 0.6 | 0.6 | 12 | 12 | | | B5A | P |
| CK6485 | | | 412 365 100 | | 6.3 | | 300 | 150 | 10 | 9 | B7G | P |
| CK6519 | | | 653 420 000 | | 1.2 | | 20 | 20 | 0.4 | 0.4 | B5A | P |
| CK6526 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 6 | 100 | 100 | 6.5 | 1.9 | B5A | P |
| CK6533 | 844 812 380 0000 | 00 | 644 612 360 | | 6.3 | | 150 | | 0.9 | 1.7 | B8D | T |
| CK6540 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | | 150 | | 7.5 | 5 | B7G | P |
| CK6611 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 8.5 | 5 | B8D | TT |
| CK6612 | 842 113 580 0000 | 00 | 642 113 470 | | 6.3 | | 100 | | 0.8 | 1.8 | B8D | TT |
| CK6872 | 872 311 400 0000 | 00 | 652 311 400 | | 6.3 | | 150 | 125 | 7.7 | 4.1 | B7G | P |
| CK6883 | 127 141 310 0000 | 80 | 125 141 310 | A1 | 12.6 | 33 | 300 | 200 | 70 | 7 | A08 | P |
| CK7994 | 348 441 430 0000 | 00 | 346 441 430 | | 6.3 | 1 | 100 | | 13 | 18 | B8D | T |
| CK7995 | 214 311 870 0000 | 00 | 214 311 650 | | 6.3 | 1.6 | 150 | 150 | 8 | 13 | B8D | P |
| CL1 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 13 | 14 | 200 | 200 | 25 | 2.5 | 8SC | P |
| CL2 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 24 | 15 | 100 | 100 | 50 | 3.8 | 8SC | P |
| CL4 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 33 | 8.5 | 200 | 200 | 45 | 8 | 8SC | P |
| CL6 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 35 | 9.5 | 200 | 100 | 45 | 8 | 8SC | P |
| CL33 | 028 740 310 0000 | 00 | 026 540 310 | | 33 | 8.5 | 200 | 200 | 45 | 8 | A08 | P |
| CO241 | 028 700 300 0000 | 40 | 026 500 300 | G1 | 2 | 1 | 150 | 75 | 3.5 | 1.4 | A08 | P |
| CO243 | 028 458 300 0000 | 00 | 026 447 300 | | 2 | | 150 | | 4 | 1.8 | A08 | TT |
| CO244 | 028 740 300 0000 | 00 | 026 540 300 | | 2 | 2.5 | 150 | 125 | 4.1 | 1.8 | A08 | P |
| CO257 | 021 470 300 0000 | 80 | 021 450 300 | A | 2 | 3 | 100 | 100 | 6 | 2.5 | A08 | P |
| CO258 | 028 740 300 0000 | 00 | 026 540 300 | | 1.8 | 6 | 150 | 125 | 10 | 2 | A08 | P |
| CY1 | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| CY1C | 903 210 000 0000 | 00 | 803 210 000 | | 20 | | | | 60 | | B5 | R |
| CY2 | 123 1X0 090 0000 | 00 | 123 190 080 | | 30 | | | | 60 | | 8SC | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| CY21 | 209 001 003 0000 | 00 | 208 001 003 | | 25 | | | | 120 | | B9A | R |
| CY31 | 020 090 310 0000 | 00 | 020 080 310 | | 20 | | | | 120 | | A08 | R |
| CY32 | 02X 190 310 0000 | 00 | 029 180 310 | | 30 | | | | 60 | | A08 | RR |
| CZ30 | 029 1X3 210 0000 | 00 | 028 193 210 | | 80 | | | | 60 | | A08 | RR |
| CZ501D | 287 113 000 0000 | 40 | 265 113 000 | G1 | 3.5 | 2.5 | 150 | 125 | 6.5 | 3.5 | UX6 | P |
| CZ504D | 287 413 000 0000 | 00 | 265 413 000 | | 5.5 | 13.5 | 250 | 200 | 40 | 3.5 | UX6 | P |
| D1 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 4 | | | | 5 | | B3G | R |
| D1 | 29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 60 | | UX4 | RR |
| D1 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 1 | 40 | | 1 | 0.8 | B4 | T |
| D1C | 284 230 000 0000 | 00 | 264 230 000 | | 1.2 | 5 | 135 | | 2 | 0.6 | 5AA | T |
| D2 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 6 | 100 | | 2.2 | 0.2 | B4 | T |
| D2C | 284 230 000 0000 | 00 | 264 230 000 | | 1.2 | 7.5 | 135 | | 3 | 1.2 | 5AA | T |
| D2M9 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | DD |
| D3A | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 1.2 | 200 | 150 | 22 | 36 | B9A | P |
| D3F | 141 230 817 0000 | 00 | 141 23* 615 | | 1.2 | 3 | 150 | 60 | 1.7 | 0.6 | B9A | P |
| D4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 4 | 3.3 | B5 | T |
| D13U | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 5 | 250 | | 6 | 2.5 | 8SC | T |
| D41 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| D42 | 912 300 000 0000 | 00 | 812 300 000 | | 4 | | | | 15 | | B4 | D |
| D43 | 012 300 000 0000 | 90 | 012 300 000 | D1 | 4 | | | | 15 | | B5 | D |
| D61 | 289 174 130 0000 | 00 | 268 154 130 | | 6.3 | 2 | 250 | 125 | 5 | 1.8 | B8A | DP |
| D63 | 029 1X0 310 0000 | 00 | 028 190 310 | | 6 | | | | 2 | | A08 | DD |
| D77 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 5 | | B7G | DD |
| D105 | 284 300 000 0000 | 00 | 264 300 000 | | 1 | 18 | 150 | | 8 | 2 | UX4 | T |
| D105 | 842 300 000 0000 | 00 | 642 300 000 | | 1 | 18 | 150 | | 8 | 2 | B4 | T |
| D110 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 40 | 250 | | 40 | 2.7 | UX4 | T |
| D110 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 40 | 2.7 | B4 | T |
| D121 | 289 174 130 0000 | 00 | 268 154 130 | | 12.5 | 2 | 200 | 90 | 5 | 2 | B8A | DP |
| D143 | 842 370 000 0000 | 00 | 642 350 000 | | 1 | 1 | 100 | 150 | 12 | 1.2 | B5 | P |
| D152 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | | | B7G | RR |
| D210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 3.5 | 1.2 | B4 | T |
| D210SW | 803 200 000 0000 | 40 | 603 200 000 | G1 | 2 | 4.5 | 150 | | 2.4 | 1.3 | B4 | T |
| D243 | 842 370 000 0000 | 00 | 642 350 000 | | 2.5 | 27 | 300 | 200 | 20 | 2 | B5 | P |
| D400 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| D401 | X02 310 000 0000 | 90 | 902 310 000 | D1 | 4 | | | | 5 | | B4 | DD |
| D404 | 384 200 000 0000 | 00 | 364 200 000 | | 4 | 40 | 250 | | 40 | 2.7 | UX4 | T |
| D404 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 40 | 2.7 | B4 | T |
| D410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 3.5 | 0.5 | B4 | T |
| D418 | 102 300 000 0000 | 90 | 102 300 000 | D1 | 4 | | | | | | B4 | D |
| D604 | 023 191 X10 0000 | 00 | 023 181 910 | | 6 | | | | | | 8SC | DD |
| DA | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 2.6 | 200 | | 3.7 | 2.2 | B7 | T |
| DA1 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 40 | | 0.3 | 0.4 | Sm4 | T |
| DA2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.1 | 40 | | 1.2 | 0.5 | Sm4 | T |
| DA3 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.8 | 40 | | 1.8 | 0.6 | Sm4 | T |
| DA30 | 842 300 000 0000 | 00 | 642 300 000 | | 4(5) | 70 | 300 | | 60 | 3.5 | B5 | T |
| DA42 | 214 300 000 0000 | 80 | 214 300 000 | A1 | 7.5 | | 400 | | | 3 | B4 | T |
| DA101 | 200 900 300 0000 | 00 | 200 800 300 | | 1.2 | | | | | | B7G | D |
| DA406 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 2.5 | 150 | 75 | 3 | 0.8 | B4 | P |
| DAC1 | 023 009 080 0000 | 40 | 023 008 060 | G1 | 1.4 | | 90 | | 0.1 | 0.3 | 8SC | DT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------------------------|------------|------------------------------------|------------|-----|------|-----------|-----|------------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DAC21 | 208 009 030 0000 | 40 | 206 008 030 | G1 | 1.4 | | 100 | | 0.7 | 0.4 | A08 | DT |
| DAC22 | 284 009 030 0000 | 00 | 264 008 030 | | 1.2 | | 90 | | 0.3 | 0.3 | B8G | DT |
| DAC25 | 284 229 230 0000 | 00 | 264 228 230 | | 1.2 | | 150 | | 0.6 | 0.3 | A08 | DT |
| DAC31 | 038 090 200 0000 | 40 | 036 080 200 | G1 | 1.4 | | 90 | | 0.4 | 0.3 | A08 | DT |
| DAC32 | 038 090 200 0000 | 40 | 036 080 200 | G1 | 1.4 | | 90 | | 0.1 | 0.3 | A08 | DT |
| DAF1 | 902 382 470 0000 | 00 | 802 362 450 | | 1.2 | | 150 | 60 | 1.4 | | F8 | DP |
| DAF11 | 902 382 470 0000 | 00 | 802 362 450 | | 1.2 | | 90 | 50 | 0.8 | 0.5 | F8 | DP |
| DAF40 | 289 374 230 0000 | 00 | 268 354 230 | | 1.4 | | 75 | 75 | 0.8 | 0.7 | B8A | DP |
| DAF70 | 804 239 070 0000 | 00 | 604 238 050 | | 1.2 | | 60 | 60 | 0.8 | 0.4 | B8D | DP |
| DAF91 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 1 | 90 | 90 | 2 | 0.7 | B7G | DP |
| DAF92 | 287 904 300 0000 | 00 | 265 804 300 | | 1.4 | 1 | 90 | 90 | 2 | 0.7 | B7G | DP |
| DAF96 | 209 784 300 0000 | 00 | 2*8 564 300 | | 1.4 | 1.5 | 60 | 60 | 0.2 | 0.2 | B7G | DP |
| DAF191 | 209 784 300 0000 | 00 | 2*8 564 300 | | 1.4 | | 60 | 60 | 2.2 | 0.7 | B7G | DP |
| DAF961 | 209 784 300 0000 | 00 | 208 564 300 | | 1.2 | 0 | 60 | 60 | 2.2 | 0.7 | B7G | DP |
| DAS1 | 742 300 000 0000 | 80 | 542 300 000 | A | 2 | 2.7 | 150 | 125 | 1.5 | 0.6 | Sm4 | P |
| DB | 548 230 800 0000 | 00 | 446 230 700 | | 25 | | 250 | | 40 | | B7 | TT |
| DB3 | 843 200 000 0000 | 00 | 643 200 000 | | 1.5 | 2.8 | 40 | | 1.8 | 0.6 | Sm4 | T |
| DB32 | | | 182 311 900 | | 6.3 | | | | 5 | | B7G | DD |
| DBC21 | 208 0X9 030 0000 | 40 | 206 098 030 | G1 | 1.4 | 1.5 | 150 | | 1.6 | 0.9 | A08 | DDT |
| DBC25 | 209 X04 830 0000 | 00 | 208 904 630 | | 1.2 | 1.5 | 150 | | 1.6 | 0.9 | B8B | DDT |
| DBC31 | 028 X90 300 0000 | 40 | 026 980 300 | G1 | 1.4 | 1.5 | 150 | | 1.6 | 0.9 | A08 | DDT |
| DBS1 | 743 200 000 0000 | 80 | 543 200 000 | A1 | 1.5 | 2.7 | 120 | 60 | 1.5 | 0.6 | Sm4 | P |
| DC2/HLDD | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 25 | 1 | 200 | | | 2 | B7 | DDT |
| DC2P | 842 310 000 0000 | 00 | 642 310 000 | | 35 | 13.5 | 200 | | 17 | 3.7 | B5 | T |
| DC2/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 35 | 10 | 250 | 200 | 30 | 2.5 | B7 | P |
| DC2/Pen | 842 310 000 0000 | 70 | 642 310 000 | G2 | 35 | 10 | 250 | 200 | 30 | 2.5 | B5 | P |
| DC2SG | 742 310 000 0000 | 80 | 542 310 000 | A | 20 | 1 | 200 | 75 | 5.5 | 1.8 | B5 | P |
| DC2SGVM | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 60 | 5.8 | 1.5 | B5 | P |
| DC3HL | 842 310 000 0000 | 00 | 642 310 000 | | 25 | 1 | 90 | | 0.3 | 0.4 | B5 | T |
| DC11 | 802 302 400 0000 | 00 | 602 302 400 | | 1.2 | 2.5 | 90 | | 2 | 1 | F8 | T |
| DC25 | 280 024 030 0000 | 00 | 260 024 030 | | 1.2 | 3.5 | 100 | | 1.8 | 0.8 | B8B | T |
| DC70 | 400 230 080 0000 | 00 | 400 230 060 | | 1.2 | 4.5 | 150 | | 14.5 | 3.7 | B8D | T |
| DC80 | 402 230 080 0000 | 00 | 402 230 060 | | 1.2 | 3.5 | 150 | | 20 | 3.5 | B9A | T |
| DC90 | 288 044 300 0000 | 00 | 266 044 300 | | 1.4 | 3 | 90 | | 3 | 1.1 | B7G | T |
| DC93 | 204 038 200 0000 | 00 | 204 036 200 | | 1.4 | 5 | 100 | | 10 | 2.4 | B7G | T |
| DC96 | 288 044 300 0000 | 00 | 266 044 300 | | 1.4 | 2.5 | 90 | | 2.1 | 1 | B7G | T |
| DC193 | 204 038 200 0000 | 00 | 2*4 *36 200 | | 1.4 | 5 | 100 | | 10 | 2.4 | B7G | T |
| DCC90 | 285 348 200 0000 | 00 | 274 346 200 | | 1.4 | 2.5 | 90 | | 3.7 | 1.8 | B7G | TT |
| DCH1 | 208 740 310 0000 208 750 030 0000 | 50 50 | 207 540 630 | G1 | 1.4 | | 60 150 | 125 | 2.1 1 | 1.4 1 | A08 | TH |
| DCH11 | 842 382 570 0000 052 382 570 0000 | 00 00 | 642 273 450 | | 1.2 | 4 | 90 150 | 60 | 0.8 1 | | F8 | TH |
| DCH21 | 208 740 830 0000 208 750 030 0000 | 50 50 | 207 540 630 | G1 | 1.4 | | 60 90 | 60 | 2.1 1 | 1.4 | A08 | TH |
| DCH22 | 288 475 030 0000 280 575 030 0000 | 00 00 | 276 454 030 | | 1.2 | | 60 90 | 50 | 1.4 0.7 | | A08 | TH |
| DCH25 | 288 475 230 0000 280 575 230 0000 | 00 00 | 276 454 030 | | 1.4 | | 60 90 | 60 | 2 1 | 1.3 | A08 | TH |
| DCH31 | 028 748 300 0000 028 750 300 0000 | 50 50 | 027 546 300 | G1 | 1.4 | | 60 90 | 60 | 2.1 1 | 1.4 1.4 | A08 | TH |
| DC/HL | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 1 | 100 | | | 3 | B5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DC/P | 842 310 000 0000 | 00 | 642 310 000 | | 8 | 1 | 200 | | | 4.5 | B5 | T |
| DC/SG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 6 | | 150 | 75 | | 2.7 | B5 | P |
| DD4 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | 0.8 | | B5 | DD |
| DD4D | 0X1 231 900 0000 | | 092 231 800 | | 4 | | | | 4 | | B7 | DD |
| DD6 | 9X2 310 000 0000 | 00 | 892 310 000 | | 6 | | | | | | B5 | DD |
| DD6 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 9 | | B7G | DD |
| DD6DS | 023 190 X10 0000 | 00 | 023 180 910 | | 6 | | | | 9 | | 8SC | DD |
| DD6G | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | | | B7G | DD |
| DD13 | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | 5 | | B5 | DD |
| DD41 | 21X 090 130 0000 | 00 | 219 080 130 | | 4 | | | | 5 | | M08 | RR |
| DD101 | 21X 090 130 0000 | 00 | 219 080 130 | | 10 | | | | | | M08 | DD |
| DD207 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2 | | | | | | B4 | DD |
| DD465 | X02 310 000 0000 | 90 | 902 310 000 | D1 | 4 | | | | | | B5 | DD |
| DD620 | 9X2 310 000 0000 | 00 | 892 310 000 | | 6 | | | | 1 | | B5 | DD |
| DD818 | 9X2 310 000 0000 | 00 | 892 310 000 | | 8 | | | | | | B5 | DD |
| DD960 | 204 038 200 0000 | 00 | 204 036 200 | | 1.4 | 3 | 60 | | 9 | 2.4 | B7G | T |
| DDA1 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| DDD11 | 852 302 480 0000 | 00 | 742 302 460 | | 1.2 | 4.5 | 150 | | 1.5 | 1.0 | F8 | TT |
| DDD25 | 208 548 030 0000 | 00 | 206 447 030 | | 1.4 | 1.5 | 100 | | 3.5 | 1.2 | A08 | TT |
| DDL4 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | 5 | | B5 | RR |
| DDP4B | X89 231 700 0000 | 40 | 968 231 500 | G1 | 4 | 5 | 250 | 250 | 36 | 8 | B7 | DDP |
| DDP4M | X19 238 700 0000 | 40 | 918 236 500 | G1 | 4 | 5 | 250 | 250 | 36 | 8 | B7 | DDP |
| DD/Pen | 94X 231 700 0000 | 80 | 849 231 500 | A | 4 | 2.5 | 200 | 100 | 5 | 2.7 | B7 | DDP |
| DDPP4B | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4 | 5 | 250 | 250 | 36 | 10 | B7 | DDP |
| DDPP4BS | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 4 | 5 | 250 | 250 | 36 | 10 | 8SC | DDP |
| DDPP4M | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4(5) | 5 | 250 | 250 | 36 | 10 | B7 | DDP |
| DDPP6B | X89 231 700 0000 | 40 | 968 231 500 | G1 | 6 | 6 | 250 | 250 | 36 | 9.5 | B7 | DDP |
| DDPP6BS | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 6 | 5 | 250 | 250 | 36 | 10 | 8SC | DDP |
| DDPP39 | X89 231 700 0000 | 40 | 968 231 500 | G1 | 39 | 8 | 200 | 200 | 45 | 8.5 | B7 | DDP |
| DDPP39M | X19 238 700 0000 | 40 | 918 236 500 | G1 | 39 | 8 | 200 | 200 | 45 | 8.5 | B7 | DDP |
| DDPP39S | 023 1X9 780 0000 | 40 | 023 198 560 | G1 | 44 | 8 | 200 | 200 | 45 | 8.5 | 8SC | DDP |
| DDR2 | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 5 | 250 | 250 | 40 | 12 | B9G | P |
| DDR3 | 912 390 000 0000 | 00 | 812 380 000 | | 6 | | | | 60 | | B7G | R |
| DDR7 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| DDT | X09 231 800 0000 | 40 | 908 231 600 | G1 | 4 | 3 | 200 | | 3.4 | 2.4 | B7 | DDT |
| DDT2 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 3 | 150 | | 1 | 1.4 | B5 | DDT |
| DDT2B | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 4.5 | 150 | | 2.5 | 1 | B5 | DDT |
| DDT2BS | 023 09X 080 0000 | 40 | 023 089 060 | G1 | 2 | 4.5 | 150 | | 2.5 | 1 | 8SC | DDT |
| DDT4 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 3 | 150 | | | 2.5 | B7 | DDT |
| DDT4(S) | X09 231 800 0000 | 40 | 908 231 600 | G1 | 4 | 5 | 200 | | 3 | 3.6 | B7 | DDT |
| DDT4(S) | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 4 | 5 | 250 | | 4 | 3.6 | 8SC | DDT |
| DDT6 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 6 | 5.5 | 250 | | 4 | 2 | B7 | DDT |
| DDT6S | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 6 | 5.5 | 250 | | 5 | 2 | 8SC | DDT |
| DDT13 | X09 321 800 0000 | 40 | 908 321 600 | G1 | 13 | 4 | 200 | | 5 | 2 | B7 | DDT |
| DDT13S | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 13 | 5 | 200 | | 4 | 3.6 | 8SC | DDT |
| DDT16 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 16 | 3 | 200 | | 5 | 2.5 | B7 | DDT |
| DDT213 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 4 | 200 | | 5 | 2.2 | B7 | DDT |
| DDT215 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 3 | 150 | | 3 | 1.6 | B5 | DDT |
| DDT220 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2.5 | 4.5 | 150 | | 2.5 | 1 | B5 | DDT |
| DE1 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 21 | 250 | | 5.2 | 1 | UX5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DE5 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 120 | | UX4 | R |
| DET19 | 205 140 300 0000 | 88 | 204 140 300 | A1/A2 | 6 | | 300 | | 25 | 2.1 | UX7 | TT |
| DET20 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | 5.5 | 250 | | 12 | 3 | A08 | T |
| DF1 | 032 000 780 0000 | 40 | 032 000 560 | G1 | 1.4 | | 90 | 90 | 1.2 | 0.7 | 8SC | P |
| DF11 | 802 302 470 0000 | 00 | 602 302 450 | | 1.2 | | 90 | 50 | 0.9 | 0.6 | F8 | P |
| DF16 | 874 230 000 0000 | 00 | 654 230 000 | | 0.6 | | 20 | 20 | 0.3 | 0.3 | B5A | P |
| DF22 | 208 701 030 0000 | 40 | 206 501 030 | G1 | 1.4 | 1.5 | 90 | 90 | 1.4 | 1.1 | A08 | P |
| DF23 | 287 114 130 0000 | 00 | 265 114 130 | | 1.2 | 1.5 | 90 | 60 | 0.6 | 0.6 | A08 | P |
| DF25 | 287 114 130 0000 | 00 | 265 114 130 | | 1.2 | 0.5 | 150 | 60 | 1 | 0.6 | A08 | P |
| DF26 | 287 114 130 0000 | 00 | 265 114 130 | | 1.2 | 1.1 | 150 | 90 | 1.2 | 0.3 | A08 | P |
| DF32 | 028 710 300 0000 | 40 | 026 510 300 | G1 | 1.4 | 1.5 | 90 | 90 | 1.4 | 1.1 | A08 | P |
| DF33 | 038 700 200 0000 | 40 | 036 500 200 | G1 | 1.4 | 0.5 | 90 | 90 | 0.8 | 0.7 | A08 | P |
| DF51 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 1.5 | | 40 | 12 | 1.1 | 0.1 | SM4 | P |
| DF61 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1 | 60 | 60 | 0.9 | 0.8 | B5A | P |
| DF62 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1 | 90 | 90 | 7.4 | 2 | B5A | P |
| DF63 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 2.5 | 90 | 90 | 1.2 | 0.4 | B5A | P |
| DF70 | 040 230 870 0000 | 00 | *4* 23* 650 | | 0.6 | | 40 | 40 | 0.4 | 0.2 | B8D | P |
| DF72 | 040 230 870 0000 | 00 | *40 230 650 | | 1.2 | 0 | 60 | 60 | 1.7 | 1 | B8D | P |
| DF73 | 040 230 870 0000 | 00 | *40 230 650 | | 1.2 | | 90 | 75 | 1.7 | 0.8 | B8D | P |
| DF91 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 0 | 90 | 75 | 3.5 | 0.9 | B7G | P |
| DF92 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 2 | 90 | 60 | 1.9 | 0.7 | B7G | P |
| DF95 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 1 | 90 | 75 | 3.7 | 1 | B7G | P |
| DF96 | 287 024 300 0000 | 00 | 265 *24 300 | | 1.4 | 0.8 | 75 | 75 | 1.4 | 0.6 | B7G | P |
| DF97 | 287 224 300 0000 | 00 | 265 224 300 | | 1.4 | | 60 | 60 | 1.7 | 0.8 | B7G | P |
| DF161 | 028 710 300 0000 | 40 | 026 510 300 | G1 | 0.7 | | 20 | 20 | 0.3 | 0.8 | A08 | P |
| DF167 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 20 | 20 | 0.1 | | B5A | P |
| DF191 | 287 024 300 0000 | 00 | 265 *24 300 | | 1.4 | | 60 | 60 | 4.2 | 1 | B7G | P |
| DF668 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1.6 | 90 | 90 | 5.7 | 2.3 | B5A | P |
| DF669 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 0 | 60 | 60 | 1.8 | 1.1 | B5A | P |
| DF904 | 287 024 300 0000 | 00 | 265 *24 300 | | 1.4 | 0 | 90 | 90 | 1.6 | 0.9 | B7G | P |
| DF906 | 287 304 300 0000 | 00 | 265 3*4 300 | | 1.4 | 0 | 40 | 40 | 3 | 1.7 | B7G | P |
| DF961 | 287 024 300 0000 | 00 | 265 024 300 | | 1.2 | 0 | 60 | 60 | 3.4 | 0.8 | B7G | P |
| DFF50 | 248 778 530 0000 | 00 | 246 557 430 | | 1.4 | 1.1 | 20 | 20 | 2.2 | 1.2 | A08 | PP |
| DFF51 | 248 778 530 0000 | 00 | 246 557 430 | | 1.4 | 0 | 20 | 20 | 2.1 | 0.7 | A08 | PP |
| DFF101 | 834 782 500 0000 | 00 | 634 572 400 | | 1.4 | | 40 | 40 | 1 | 0.2 | B7G | PP |
| DG210 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 1.5 | 100 | 20 | 1 | 1 | B5 | P |
| DH | 842 310 000 0000 | 00 | 642 310 000 | | 16 | 3 | 200 | | 6 | 3.7 | B5 | T |
| DH30 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 13 | 2 | 200 | | 2.8 | 4.5 | B7 | DDT |
| DH42 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 4 | 3 | 250 | | 1.1 | 1.2 | B7 | DDT |
| DH63 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 3 | 250 | | 1.1 | 1.2 | A08 | DDT |
| DH73 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 3 | 250 | | 4.5 | 2 | A08 | DDT |
| DH74 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 13 | 3 | 250 | | 1.1 | 1.2 | A08 | DDT |
| DH77 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| DH81 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 6 | 3 | 250 | | 1 | 1.2 | B8B | DDT |
| DH101 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 19 | 3 | 250 | | 1 | 1.2 | B8B | DDT |
| DH107 | 412 39X 800 0000 | 00 | 412 389 600 | | 19 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| DH109 | YX1 239 148 0000 | 00 | 191 238 146 | | 28 | 2.3 | 200 | | 1 | 1.4 | B9A | DDDT |
| DH118 | 284 09X 130 0000 | 00 | 264 089 130 | | 13 | 1 | 100 | | 0.8 | 1.4 | B8A | DDT |
| DH119 | 841 239 0X0 0000 | 00 | 641 238 09* | | 13 | 0.7 | 100 | | 0.8 | 1.4 | B9A | DDT |
| DH142 | 284 0X9 130 0000 | 00 | 264 098 130 | | 14 | 1.6 | 200 | | 1.5 | 1.6 | B8A | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DH147 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 5.5 | 250 | | 5 | 2 | A08 | DDT |
| DH149 | 284 1X9 130 0000 | 00 | 264 198 130 | | 6 | 1 | 250 | | 1.3 | 1 | B8A | DDT |
| DH150 | 284 0X9 130 0000 | 00 | 264 098 130 | | 6 | 3 | 250 | | 10 | 1.3 | B8A | DDT |
| DH718 | 284 09X 130 0000 | 00 | 264 089 130 | | 6.3 | 3 | 250 | | 1 | 1.3 | B8A | DDT |
| DH719 | X91 23Y 148 0000 | 00 | 981 231 146 | G1 | 6 | 3 | 250 | | 1 | 1.3 | B9A | DDDT |
| DHD | X09 231 800 0000 | 40 | 908 231 600 | | 16 | 3.2 | 200 | | 3.2 | 2.2 | B7 | DDT |
| DHL | 842 310 000 0000 | 00 | 642 310 000 | | 16 | 1.5 | 150 | | 3.8 | 4.5 | B5 | T |
| DK1 | 023 084 780 0000 | 40 | 023 064 560 | G1 | 1.4 | | 90 | 50 | 1.8 | 0.5 | 8SC | H |
| DK21 | 208 740 830 0000 | 40 | 206 540 630 | G1 | 1.4 | 2 | 60 | 60 | 4.5 | 1.4 | A08 | H |
| DK31 | | | 027 546 300 | G1 | 1.4 | [1 | 75 | 60 | | | A08 | TH |
| DK32 | 038 748 200 0000 | 40 | 036 546 200 | G1 | 1.4 | 1 | 150 | 90 | | | | |
| DK40 | 287 474 030 0000 | 00 | 265 454 030 | | 1.4 | 2 | 75 | 75 | 0.9 | 0.7 | A08 | H |
| DK91 | 288 424 300 0000 | 00 | 266 424 300 | | 1.4 | 4 | 75 | | 4.5 | 1.2 | B7G | O |
| DK92 | 288 484 300 0000 | 00 | 266 464 300 | | 1.4 | 4 | 60 | | 4 | 1.2 | B7G | H |
| DK96 | 287 481 300 0000 | 00 | 265 401 300 | | 1.4 | 1.5 | 75 | 50 | 1 | 0.4 | B7G | H |
| DK192 | 287 474 300 0000 | 00 | 265 454 300 | | 1.4 | | 60 | 60 | | | B7G | H |
| DL | 842 310 000 0000 | 00 | 642 310 000 | | 16 | 8 | 200 | | 25 | 4.5 | B5 | T |
| DL1 | 023 004 780 0000 | 00 | 023 004 560 | | 1.4 | 3 | 90 | 90 | 4 | 1.2 | 8SC | P |
| DL2 | 032 004 780 0000 | 00 | 032 004 560 | | 1.4 | 7.5 | 90 | 90 | 7.5 | 1.5 | 8SC | P |
| DL11 | 802 302 470 0000 | 00 | 602 302 450 | | 1.2 | 4.4 | 90 | 90 | 3.7 | 1 | F8 | P |
| DL21 | 208 740 030 0000 | 00 | 206 540 030 | | 1.4 | 3 | 90 | 90 | 4 | 1.3 | A08 | P |
| DL22 | 287 004 330 0000 | 00 | 265 004 330 | | 1.2 | 4 | 150 | 125 | 5 | 1.6 | A08 | P |
| DL25 | 287 204 330 0000 | 00 | 265 204 330 | | 1.2 | 4.7 | 150 | 125 | 4.5 | 2.1 | A08 | P |
| DL29 | 287 004 320 0000 | 00 | 265 004 320 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.4 | B8G | P |
| DL31 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 3 | 90 | 90 | 4 | 1.2 | A08 | P |
| DL33 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.2 | A08 | P |
| DL35 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 7.5 | 90 | 90 | 7.5 | 1.5 | A08 | P |
| DL36 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.2 | A08 | P |
| DL41 | 380 074 220 0000 | 00 | 36* 054 220 | | 1.4 | 5.8 | 150 | 125 | 5 | 1.3 | B8A | P |
| DL63 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 3 | 250 | | 4.2 | 1.6 | A08 | DDT |
| DL64 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 1.5 | 20 | 20 | 0.2 | 0.2 | B5A | P |
| DL65 | 387 420 000 0000 | 00 | 365 420 000 | | 1.2 | 0.2 | 20 | 20 | 0.5 | 0.4 | B5A | P |
| DL66 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.4 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| DL67 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0.2 | 20 | 20 | 0.5 | 0.4 | B5A | P |
| DL68 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2.2 | 20 | 20 | 0.6 | 0.4 | B5A | P |
| DL69 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | 2.5 | 90 | 90 | 1.7 | 0.8 | B5A | P |
| DL70 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 7.5 | 150 | 90 | 7.5 | 1.9 | B8D | P |
| DL71 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 1.2 | 40 | 40 | 0.6 | 0.5 | B8D | P |
| DL72 | 040 230 870 0000 | 00 | *4* 23* 650 | | 1.2 | 4.5 | 40 | 40 | 1.2 | 0.5 | B8D | P |
| DL73 | 040 230 870 0000 | 00 | *40 230 650 | G1 | 1.2 | 9 | 100 | 100 | 15 | 2.5 | B8D | P |
| DL74 | 028 9X0 310 0000 | 40 | 026 890 310 | | 13 | 3 | 250 | | 5.1 | 1.6 | A08 | DDT |
| DL75 | 040 230 870 0000 | 00 | *40 230 650 | | 1.2 | 2.5 | 90 | 90 | 1.7 | 0.8 | B8D | P |
| DL82 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 6 | 3 | 250 | | 5 | 1.4 | B8B | DDT |
| DL91 | 284 728 300 0000 | 00 | 264 526 300 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.6 | B7G | P |
| DL92 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.6 | B7G | P |
| DL93 | 387 428 300 0000 | 00 | 365 426 300 | | 1.4 | 8.4 | 150 | 90 | 13.3 | 1.9 | B7G | P |
| DL94 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.1 | B7G | P |
| DL95 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.1 | B7G | P |
| DL96 | 287 034 200 0000 | 00 | 265 034 200 | | 1.4 | 5.2 | 90 | 90 | 5 | 1.4 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DL98 | 724 332 800 0000 | 00 | 524 332 600 | | 1.25 | 10 | 150 | 125 | 30 | 2.2 | B7G | P |
| DL101 | 038 740 210 0000 | 00 | 036 540 210 | | 1.4 | | 100 | 100 | 10 | 2.5 | B8A | P |
| DL145 | 284 0X9 130 0000 | 00 | 264 098 130 | | 15 | 5.9 | 250 | | 5 | 2.3 | B8A | DDT |
| DL161 | 874 230 000 0000 | 00 | 654 230 000 | | 1.4 | | 20 | 20 | 0.5 | 0.5 | B5A | P |
| DL167 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.5 | 1.5 | B5A | P |
| DL192 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 60 | 60 | 7 | 1.5 | B7G | P |
| DL193 | 287 438 200 0000 | 00 | 265 436 200 | | 1.4 | 7.5 | 100 | 60 | 9.5 | 2.9 | B7G | P |
| DL620 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 3.1 | 0.6 | B5A | P |
| DL650 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0 | 20 | 20 | 0.4 | 0.4 | B5A | P |
| DL907 | 387 004 200 0000 | 00 | 365 004 200 | | 1.4 | 5.5 | 150 | 125 | 15 | 3.1 | B7G | P |
| DL962 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 60 | 60 | 7 | 1.5 | B7G | P |
| DL963 | 287 438 200 0000 | 00 | 265 436 200 | | 1.2 | 7.5 | 150 | 60 | 10 | 2.2 | B7G | P |
| DLL21 | 248 758 330 0000 | 00 | 246 547 330 | | 1.4 | 8.7 | 150 | 125 | 1 | | A08 | PP |
| DLL25 | 048 758 230 0000 | 00 | 046 547 230 | | 1.4 | 9.4 | 150 | 125 | 17 | | B8G | PP |
| DLL31 | 328 458 270 0000 | 00 | 326 447 250 | | 1.4 | 5 | 90 | 90 | 3 | | A08 | PP |
| DLL101 | 284 785 300 0000 | 00 | 264 574 300 | | 1.4 | 7 | 90 | 60 | 8.2 | 1.1 | B7G | PP |
| DLL102 | 284 785 300 0000 | 00 | 264 574 300 | | 1.4 | | 40 | 40 | 1.3 | 0.5 | B7G | PP |
| DLP51 | 023 004 780 0000 | 10 | 023 004 560 | C | 4 | 17 | 250 | 250 | 36 | 2.5 | 8SC | P |
| DM21 | 028 740 030 0000 | 00 | 026 540 030 | | 1.4 | | 90 | 90 | 0.03 | †2.0 | A08 | TI |
| DM70 | 400 230 080 0000 | 00 | 4*0 230 060 | | 1.4 | 23 | 200 | 0 | 0.1 | †1.0 | B8D | TI |
| DM71 | 400 230 080 0000 | 00 | 4*0 23* 060 | | 1.4 | 23 | 200 | 0 | 0.1 | †1.0 | B8D | TI |
| DN41 | X89 231 700 0000 | 40 | 968 231 500 | G1 | 4 | 3.3 | 250 | 200 | 32 | 10 | B7 | DDP |
| DN143 | 284 7X9 130 0000 | 00 | 264 598 130 | | 6 | 6.2 | 250 | 275 | 44 | 9.5 | B8B | DDP |
| D024 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 400 | | 63 | 7.5 | B4 | T |
| D025 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 75 | 300 | | 60 | 3.7 | B4 | T |
| D026 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 92 | 400 | | 63 | 3.8 | B4 | T |
| D030 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 100 | 400 | | 60 | 6.9 | B4 | T |
| D042 | X19 238 700 0000 | 40 | 918 236 500 | G1 | 4 | 6 | 250 | 250 | 36 | 9.5 | B7 | DDP |
| DP | 284 009 030 0000 | 00 | 264 008 030 | | 16 | 7.5 | 200 | | 25 | 6 | A08 | DT |
| DP5 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 5 | 250 | 250 | 10 | 4 | B5 | P |
| DP7 | 023 004 780 0000 | 00 | 023 004 560 | | 4 | 20 | 250 | 250 | 20 | 2.5 | 8SC | P |
| DP61 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 8.5 | 200 | 125 | 7.7 | 5.1 | B7G | P |
| DP495/6 | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 4 | 6.5 | 250 | 250 | 35 | 9.5 | B7 | DDP |
| DP4480 | 91X 238 700 0000 | 40 | 819 236 500 | G1 | 44 | 8.4 | 200 | 200 | 46 | 8 | B7 | DDP |
| DP/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 16 | 10 | 200 | 200 | 31 | 3.5 | B7 | P |
| DPT | 047 213 800 0000 | 00 | 045 213 600 | | 16 | 10 | 200 | 200 | 40 | 3.1 | B7 | P |
| DPT | 642 310 000 0000 | 70 | 642 310 000 | G2 | 16 | 10 | 200 | 200 | 40 | 3 | B5 | P |
| DS | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 1.5 | 200 | 75 | 2.1 | 1.1 | B5 | P |
| DS | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 3 | 200 | | 4 | 2.5 | B7 | T |
| DSB | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 1 | 150 | 90 | 3.4 | 3.2 | B5 | P |
| DSPen | 081 231 700 0000 | 40 | 061 231 500 | G1 | 16 | 1.5 | 200 | 100 | 4 | 2.3 | B7 | P |
| DT7 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 200 | | 14 | 2 | B4 | T |
| DT41 | 90X 321 800 0000 | 40 | 809 321 600 | G1 | 4 | 1 | 100 | | | 3 | B7 | DDT |
| DT215 | 023 09X 080 0000 | 40 | 023 089 060 | G1 | 2 | 4.5 | 150 | | 2.5 | 1 | 8SC | DDT |
| DT215 | 023 089 060 0000 | 40 | 682 390 000 | G1 | 2 | 4.5 | 150 | | 2.5 | 1.5 | B5 | DDT |
| DT436 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 7 | 250 | | 4 | 3.6 | B7 | DDT |
| DT436 | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 4 | 7 | 250 | | 4 | 2 | 8SC | DDT |
| DT1336 | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 13 | 5 | 200 | | 4 | 2 | 8SC | DDT |
| DTV1 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 1 | 100 | | | 3 | B7 | DDT |
| DU1 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | R |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| DU2 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| DU3 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| DU10 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 60 | | B4 | R |
| DVSG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 1 | 200 | 75 | 7.5 | 2.5 | B5 | P |
| DVS/Pen | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 1.5 | 200 | 100 | 6.5 | 1 | B5 | P |
| DW3 | | | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| DW4 | 9X2 300 000 0000 | 00 | | | 4 | | | | 60 | | B4 | RR |
| DW5 | | | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| DW8 | 9X2 300 000 0000 | 00 | 892 300 000 | | 5 | | | | 30 | | B4 | RR |
| DW15 | 9X2 300 000 0000 | 00 | 892 300 000 | | 7.5 | | | | 30 | | B4 | RR |
| DW30 | 9X2 300 000 0000 | 00 | 892 300 000 | | 7.5 | | | | 60 | | B4 | RR |
| DW802 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 25 | 250 | | 26 | 4 | B5 | T |
| DW1508 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 7.5 | 150 | | 4 | 1.5 | B5 | T |
| DW4011 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 5 | 200 | | 5 | 3.6 | B5 | T |
| DW4023 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 150 | | 2.5 | 1.7 | B5 | T |
| DX2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 3.5 | 1.4 | B4 | T |
| DY30 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 1.2 | | | | 2 | | A08 | D |
| DY51 | 230 000 000 0000 | 90 | 230 000 000 | D1 | 1.4 | | | | 13 | | B3G | D |
| DY70 | 230 000 000 0000 | 90 | 230 000 000 | D1 | 1.2 | | | | 1.8 | | B3G | D |
| DY80 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 1.2 | | | | 7 | | B9A | D |
| DY86/87 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 1.4 | | | | 0.5 | | B9A | D |
| DY604 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 150 | | 8 | 1.3 | B4 | T |
| DY802 | 230 232 032 0000 | 90 | 120 131 021 | A | 1.4 | | | | 50 | | B9A | R |
| DZ2 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 200 | 100 | 4 | 0.7 | B4 | P |
| E | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 200 | | 1.7 | 0.4 | B4 | T |
| E | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 22.5 | 125 | | 6.5 | | UX4 | T |
| E1C | 218 49X 130 0000 | 00 | 216 489 130 | | 6.3 | 5 | 200 | | 4.5 | 2 | A08 | DDT |
| E1F | 218 074 300 0000 | 00 | 216 054 300 | | 6.3 | 3 | 250 | 100 | 2 | 1.4 | B7 | P |
| E2e | 087 014 023 0000 | 00 | 065 014 023 | | 18 | 3.5 | 220 | 220 | 42 | 10.5 | B9 | P |
| E4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 200 | | 12 | 1.8 | B4 | T |
| E4D | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| E4F | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| E4H | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 125 | | B4 | R |
| E4K | 003 200 000 0000 | 90 | 003 200 000 | D1 | 4 | | | | 60 | | B5 | R |
| E4L | 003 200 000 0000 | 90 | 003 200 000 | D1 | 4 | | | | 120 | | B5 | R |
| E20V | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| E55L | 817 231 141 0000 | 00 | 615 231 141 | | 6.3 | | 150 | 150 | 50 | 45 | B9D | P |
| E80CC | 841 338 512 0000 | 00 | 641 337 412 | | 6.3 | 5.5 | 250 | | 6 | 2.8 | B9A | TT |
| E80CF | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | 2 | 100 | | 14 | 5 | B9A | TP |
| E80F | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 1.6 | 250 | 100 | 3 | 1.8 | B9A | P |
| E80L | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 4.5 | 200 | 200 | 30 | 9 | B9A | P |
| E81CC | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 250 | | 10 | 5.5 | B9A | TT |
| E81L | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 3 | 200 | 200 | 20 | 11 | B9A | P |
| E82CC | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| E83CC | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| E83F | 742 238 001 0000 | 00 | 541 236 **1 | | 6.3 | 2 | 200 | 125 | 10 | 9 | B9A | P |
| E84L | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6.3 | | 250 | 250 | 48 | 11 | B9A | P |
| E86C | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | 2 | 200 | | 12 | 14 | B9A | T |
| E87L | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 6 | 250 | 150 | 36 | 10 | B9A | P |
| E88C | 414 234 484 0000 | 00 | 414 234 464 | | 6.3 | 1.2 | 150 | | 12.5 | 13.5 | B9A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| □E88CC | 842 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| E88CC/01 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.2 | 100 | | 15 | 12.5 | B9A | TT |
| E90CC | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | 2.1 | 100 | | 8.5 | 6 | B7G | TT |
| E90F | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.2 | 250 | 150 | 7.4 | 4.6 | B7G | P |
| E91AA | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 9 | | B7G | D |
| E91H | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 5 | 150 | 75 | 0.5 | 0.6 | B7G | H |
| E92CC | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | 1.7 | 150 | | 8.5 | 6 | B7G | TT |
| E95F | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 150 | 125 | 7.5 | 5.5 | B7G | P |
| E99F | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 20 | 250 | 100 | 9.2 | 3.8 | B9A | P |
| E130 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 15 | 250 | 250 | | 11.0 | A08 | TI |
| E130L | 020 740 310 0000 | 80 | *2* 54* 310 | A1 | 6.3 | 15.5 | 250 | 150 | 100 | 27 | A08 | P |
| E135 | 387 304 220 0000 | 00 | 365 304 220 | | 12.6 | 25 | 400 | | 80 | | A08 | P |
| E180CC | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 1.9 | 150 | | 8.5 | 6.3 | B9A | TT |
| E180F | 141 230 817 0000 | 00 | 141 23* 615 | | 6.3 | 1.25 | 180 | 150 | 13 | 16.5 | B9A | P |
| E181CC | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 3 | 150 | | 8.5 | 4.7 | B9A | TT |
| E182CC | 841 221 538 0000 | 00 | 741 221 436 | | 6.3 | 2 | 150 | | 36 | 15 | B9A | TT |
| E184 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| E186F | 141 230 817 0000 | 00 | 141 23* 615 | | 6.3 | 1.4 | 200 | 150 | 11.5 | 16 | B9A | P |
| E188CC | 841 328 510 0000 | 00 | 641 327 410 | | 6.3 | 1.4 | 90 | | 12 | 11.5 | B9A | TT |
| E220B | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 3 | 2.5 | B7 | TT |
| E235 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 13 | 3 | B4 | T |
| E235L | 028 740 310 0000 | 00 | *26 54* 310 | | 6.3 | 8.2 | 100 | 100 | 100 | 14 | A08 | P |
| E236L | 020 740 310 0000 | 80 | *2* 54* 310 | A1 | 6.3 | 8.2 | 100 | 100 | 100 | 14 | A08 | P |
| E280F | 141 230 817 0000 | 00 | 141 23* 615 | | 6.3 | 1.8 | 200 | 150 | 20 | 26 | B9A | P |
| E282F | 141 230 817 0000 | 00 | 141 23* 615 | | 6.3 | | 150 | 150 | 35 | 26 | B9A | P |
| E283CC | 148 231 085 0000 | 00 | 146 231 074 | | 6.3 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| E288CC | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.5 | 100 | | 30 | 18 | B9A | TT |
| E405 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 32 | 250 | | 20 | 2 | B4 | T |
| E406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 34 | 250 | | 8 | 2.3 | B4 | T |
| E408 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 30 | 400 | | 26 | 2 | B4 | T |
| E408N | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 36 | 400 | | 30 | 2.7 | B4 | T |
| E409 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 200 | | 12 | 1.3 | B5 | T |
| E410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 28 | 400 | | 30 | 6 | B4 | T |
| E414 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 6 | 150 | | 6.5 | 2 | B5 | T |
| E414 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 150 | | 8 | 1.3 | B4 | T |
| E415 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 8 | 200 | | 6 | 1.4 | B5 | T |
| E415 | 284 130 000 0000 | 00 | 264 130 000 | | 4 | 8 | 200 | | 6 | 1.4 | UX5 | T |
| E420 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 18 | 150 | | 11 | 1.6 | B4 | T |
| E422 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 250 | | 12 | 5 | B4 | T |
| E424 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 6 | 2.4 | B5 | T |
| E424N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| E424R | 812 300 000 0000 | 40 | 612 300 000 | G1 | 4 | 5 | 200 | | 6 | 1.6 | B4 | T |
| E425 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 150 | | 3 | 3 | B5 | T |
| E428 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 6 | 2.4 | B5 | T |
| E430 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 150 | | 4 | 2 | B5 | T |
| E430N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 15 | 200 | | 15 | 3 | B5 | T |
| E435 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 3 | 1 | B5 | T |
| E438 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 2.5 | 1.5 | B5 | T |
| E441 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | | 100 | 100 | 1.7 | 1.0 | B5 | P |
| E442 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.3 | 200 | 60 | 1.5 | 0.9 | B5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| E442S | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| E443H | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 200 | 30 | 1.9 | B5 | P |
| E444 | 279 413 000 0000 | 80 | 258 413 000 | A1 | 4 | 3 | 200 | 90 | 4 | 3 | UX6 | DP |
| E444N | 279 413 000 0000 | 80 | 258 413 000 | A1 | 4 | 3 | 100 | 90 | 4 | 3 | UX6 | DP |
| E444S | 842 310 000 0000 | 90 | 642 310 000 | D1 | 4 | 3.5 | 200 | | 6 | 2 | B5 | DT |
| E445 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 6 | 1 | B5 | P |
| E446 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B5 | P |
| E447 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 125 | 4.5 | 2.3 | B5 | P |
| E448 | 184 772 300 0000 | 40 | 164 552 300 | G1 | 4 | 1.5 | 200 | 125 | 3 | 0.6 | C7 | P |
| E449 | 187 472 300 0000 | 40 | 165 452 300 | G1 | 4 | 2 | 200 | 75 | 3 | 1.8 | C7 | P |
| E451 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | | 400 | 250 | 17 | | B4 | P |
| E452T | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| E452T | 274 130 000 0000 | 80 | 254 130 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2 | UX5 | P |
| E453 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 15 | 250 | 250 | 24 | 2.5 | B7 | P |
| E454 | 218 90X 300 0000 | 40 | 216 809 300 | G1 | 4 | 3.5 | 200 | | 3.5 | 1.6 | UX7 | DDT |
| E455 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 3 | 2 | B5 | P |
| E455 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 4 | 1.5 | 200 | 100 | 3 | 2 | UX5 | P |
| E463 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 22 | 250 | 250 | 36 | 2.7 | B7 | P |
| E499 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.6 | 200 | | 0.2 | 4 | D5 | T |
| E501D | 287 113 000 0000 | 40 | 265 113 000 | G1 | 3.5 | 2.5 | 250 | 125 | 6.5 | 3.5 | UX6 | P |
| E501R | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6.3 | 2.5 | 250 | 125 | 6.5 | 3.5 | UX6 | P |
| E504D | 287 413 000 0000 | 00 | 265 413 000 | | 5 | 13.5 | 250 | 200 | 40 | 3.5 | UX6 | P |
| E504P | 287 423 000 0000 | 00 | 265 423 000 | | 6.3 | 13.3 | 250 | 200 | 40 | 3.5 | UX6 | P |
| E646 | 020 090 310 0000 | 00 | 020 080 310 | | 26 | | | | 120 | | A08 | R |
| E703 | 842 300 000 0000 | 00 | 642 300 000 | | 7.5 | 100 | 400 | | 30 | 1 | B5 | T |
| E810F | 141 237 817 0000 | 00 | 141 235 615 | | 6.3 | 1.9 | 150 | 150 | 35 | 50 | B9A | P |
| E851 | 030 X09 020 0000 | 00 | 030 908 020 | | 5 | | | | 120 | | A08 | RR |
| E1137 | 388 448 822 0000 | 00 | 366 446 622 | | 6 | 2.3 | 250 | | 32 | 16 | B9G | T |
| E1148 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | 5.5 | 250 | | 14 | 3 | A08 | T |
| E1192 | 021 470 310 0000 | 80 | 021 450 310 | A1 | 6 | 11 | 250 | 150 | 30 | 3.5 | A08 | P |
| E1242 | 287 711 403 0000 | 00 | 265 511 403 | | 6 | 30 | 300 | 250 | 25 | 1.9 | B9G | P |
| E1320 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 11 | 250 | 250 | 1 | | A08 | TI |
| E1323 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | 3 | 100 | | 25 | 6.7 | A08 | T |
| E1413 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 1 | 90 | 75 | 3.5 | 0.9 | B7G | P |
| E1478 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 1 | 100 | | | 6.9 | B5 | T |
| E1484 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 1 | 90 | 90 | 2.7 | 0.6 | B7G | DP |
| E1489 | 241 878 153 0000 | 00 | 241 657 143 | | 6 | | 350 | 250 | 21 | 3.9 | B9G | PP |
| E1517 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| E1518 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.5 | B7G | P |
| E1606 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| E1624 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| E1654 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 1.5 | 200 | 200 | 10.9 | 8.5 | A08 | P |
| E1662 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12 | 250 | 250 | 20 | 2.6 | B7G | P |
| E1677 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 15 | | B4 | R |
| E1678 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 13 | 3 | 250 | 100 | 7.6 | 1.5 | B7G | P |
| E1681 | 028 740 310 0000 | 00 | 026 540 310 | | 15 | 13 | 200 | 175 | 35 | 2.5 | A08 | P |
| E1682 | 020 900 310 0000 | 00 | 020 800 310 | | 30 | | | | 120 | | A08 | R |
| E1706 | 278 071 483 0000 | 00 | 256 051 463 | | 6 | 8 | 250 | 175 | 80 | 13 | B9G | P |
| E1709 | 084 581 230 0000 | 00 | 064 471 230 | | 6 | 2 | 250 | | 2 | 1.3 | A08 | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| E1733 | 00X 009 230 0000 | 00 | 009 **8 230 | | 6 | | | | 60 | | B8B | RR |
| E1736 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 4.4 | 250 | 250 | 40 | 10.5 | B8B | P |
| E1740 | 20X 009 130 0000 | 00 | 209 008 130 | | 6 | | | | 30 | | B8B | RR |
| E1751 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 5 | | B7G | RR |
| E1780 | 00X 009 230 0000 | 00 | 009 **8 230 | | 4 | | | | 30 | | B8B | RR |
| E1787C | 318 741 120 0000 | 00 | 316 541 120 | | 6 | 9 | 250 | 175 | 50 | 8 | B9G | P |
| E1794 | 287 104 130 0000 | 00 | 265 104 130 | | 19 | 3 | 250 | 75 | 2.5 | 2.8 | B8B | P |
| E1795 | 290 009 130 0000 | 00 | 280 008 130 | | 50 | | | | 120 | | B8B | R |
| E1796 | 287 004 130 0000 | 00 | 265 004 130 | | 80 | 9.5 | 200 | 175 | 70 | 10 | B8B | P |
| E1809 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 2 | 250 | 100 | 8 | 2.8 | B8B | P |
| E1813 | 284 1X9 130 0000 | 00 | 264 198 130 | | 19 | 3 | 250 | | 1 | 1.2 | B8B | DDT |
| E1816 | 384 728 300 0000 | 00 | 364 526 300 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.5 | B7G | P |
| E1835 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 13 | 4.4 | 250 | 250 | 40 | 10.5 | B7 | P |
| E1838 | 284 1X9 130 0000 | 00 | 264 198 130 | | 6 | 3 | 250 | | 1 | 1.2 | B8B | DDT |
| E1848 | 284 0X9 130 0000 | 00 | 264 *98 130 | | 6 | 2 | 200 | | 10 | 1.4 | B8B | DDT |
| E1861 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | | 200 | 200 | 19 | 10 | B9A | P |
| E1884 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 5 | | B4 | R |
| E1912 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| E1935 | 241 878 153 0000 | 00 | 241 657 143 | | 6 | 26 | 250 | 200 | 30 | 3.9 | B9G | PP |
| E1938 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| E1969 | | | 542 376 400 | | | [2 | 100 | | 5 | 2.2 | B7G | TH |
| E1976 | 412 381 700 0000 | 00 | 412 361 500 | | 19 | 1 | 250 | 75 | 5.3 | 2.2 | | |
| E1984 | 412 380 700 0000 | 00 | 412 36* 500 | | 6 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| E1985 | 291 009 300 0000 | 00 | 281 008 300 | | 40 | 5.5 | 250 | 250 | 30 | 10 | B7G | P |
| E1987 | 412 380 700 0000 | 00 | 412 36* 500 | | 40 | 8 | 200 | 150 | 50 | 10 | B7G | P |
| E1994 | 581 481 230 0000 | 00 | 471 461 230 | | 13 | 8 | 250 | | | 2.6 | A08 | TT |
| E2004 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 1.2 | | | | 5 | | A08 | R |
| E2020N | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 18 | 200 | | 15 | 1.5 | B5 | T |
| E2047 | 412 381 700 0000 | 00 | 412 361 500 | | 12.5 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| E2122 | X02 309 100 0000 | 00 | 902 308 100 | | 6 | | | | 30 | | B7G | RR |
| E2128 | 241 878 153 0000 | 00 | 241 657 143 | | 19 | 16.5 | 250 | 150 | 30 | 3.9 | B9G | PP |
| E2134 | 412 380 700 0000 | 00 | 412 36* 500 | | 6 | | 200 | 200 | 55 | 9.5 | B7G | P |
| E2153 | 412 380 700 0000 | 00 | 412 36* 500 | | 13 | 8 | 200 | 150 | 50 | 10 | B7G | P |
| E2178 | 001 230 009 0000 | 00 | **1 23* 88* | | 20 | | | | 120 | | B9A | R |
| E2179 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 20 | 12 | 150 | 150 | 50 | 8.5 | B9A | P |
| E2185 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | T |
| E2223 | 000 230 009 0000 | 00 | *** 23* **8 | | 25 | | | | 120 | | B9A | R |
| E2256 | 001 230 009 0000 | 00 | **1 23* **8 | | 20 | | | | 120 | | B9A | R |
| E2382 | 021 040 370 0000 | 80 | 021 *4* 350 | A1 | 52 | | 150 | 150 | 100 | 16 | A08 | P |
| E2754 | 802 441 443 0000 | 00 | 602 441 443 | | 6.3 | 1.5 | 150 | | 25 | 25 | B9A | T |
| E2965 | 241 878 153 0000 | 00 | 142 756 143 | | 6.3 | 18 | 300 | 200 | 40 | 3.7 | B9G | PP |
| E7002 | 000 230 000 0000 | 90 | *** 23* *** | D | 1.4 | | | | 60 | | B9A | R |
| E7003 | 000 230 000 0000 | 90 | *** 23* *** | D1 | 6.3 | | | | | | B9A | D |
| E7004 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | DD |
| E7005 | 901 230 X00 0000 | 00 | 801 23* 9** | | 6.3 | | | | | | B9A | DD |
| E7006 | 901 230 X00 0000 | 00 | 801 23* 9** | | 6.3 | | | | 30 | | B9A | RR |
| E7007 | 000 230 009 0000 | 10 | *** 23* **8 | C | 17 | | | | 120 | | B9A | R |
| E7010 | 001 230 009 0000 | 00 | **1 23* **8 | | 55 | | | | 120 | | B9A | R |
| E7011 | 001 230 009 0000 | 00 | **1 23* **8 | | 38 | | | | 180 | | B9A | R |
| E7013 | 802 304 100 0000 | 00 | 602 304 100 | | 6.3 | 2 | 250 | | 20 | 5.5 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------|------|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| E7014 | 802 304 100 0000 | 00 | 602 304 100 | | 9.4 | 2 | 250 | | 10 | 5.5 | B7G | T |
| E7015 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | | 100 | | 11 | 3 | B9A | TT |
| E7017 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 1 | 100 | | 0.5 | 1.2 | B9A | TT |
| E7019 | 148 235 118 0000 | 00 | 146 234 117 | | 6.3 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| E7020 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 2.3 | 250 | | 10 | 5.9 | B9A | TT |
| E7022 | 841 238 510 0000 | 00 | 641 237 410 | | 7 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| E7023 | 148 235 118 0000 | 00 | 146 234 117 | | 7 | 1.5 | 100 | | 12 | 6 | B9A | TT |
| E7024 | 841 238 510 0000 | 00 | 641 237 410 | | 9 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| E7025 | 841 238 510 0000 | 00 | 641 237 410 | | 26 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| E7026 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 150 | 150 | 10 | 7.4 | B9A | P |
| E7027 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 250 | 150 | 3 | 2.5 | B9A | P |
| E7032 | 128 740 310 0000 | 00 | 126 540 310 | | 6.3 | 100 | 250 | 250 | 100 | 11 | A08 | P |
| E7033 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 6.3 | 38.5 | 250 | 250 | 32 | 4.6 | A08 | P |
| E7034 | 741 231 800 0000 | 00 | 541 231 600 | | 6.3 | | 200 | 200 | 36 | 10 | B9A | P |
| E7040 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 25 | 21 | 150 | 150 | 100 | 11 | A08 | P |
| E7041 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 24 | 150 | 150 | 45 | 6.5 | B9A | P |
| E7043 | 741 231 800 0000 | 00 | 541 231 600 | | 15 | 2.3 | 150 | 150 | 36 | 10 | B9A | P |
| E7044 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 16 | 6 | 200 | 200 | 34 | 10 | B9A | P |
| E7050 | 741 238 9X1 0000 | 00 | | | 6.3 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| E7051 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [1 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | 1 | 150 | 100 | 10 | 5.2 | | |
| E7053 | 415 238 718 0000 | 00 | 414 237 516 | | 6.3 | [22.5 | 100 | | 3.5 | 2.2 |] B9A | TP |
| | | | | | | | 250 | 250 | 28 | 5 | | |
| E7054 | 9X1 23Y 148 0000 | 00 | | | 28 | 1.8 | 175 | | 1 | 1.4 | B9A | DDDT |
| E7055 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [11.5 | 100 | | 3.5 | 2.2 |] B9A | TP |
| | | | | | | | 150 | 150 | 41 | 7.5 | | |
| E7056 | 857 238 114 0000 | 00 | 645 237 114 | | 9.5 | [1 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | 1 | 150 | 100 | 10 | 5.2 | | |
| E7057 | 742 238 9X1 0000 | 00 | | | 19 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |
| E7059 | 415 238 718 0000 | 00 | 414 237 516 | | 50 | [16 | 100 | | 3.5 | 2.2 |] B9A | TP |
| | | | | | | | 200 | 200 | 35 | 6.8 | | |
| E7060 | 288 044 300 0000 | 00 | 266 044 300 | | 1.4 | 2.5 | 90 | | 2.1 | 1 | B7G | T |
| E7062 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | | 90 | 90 | 1.6 | 0.8 | B7G | P |
| E7066 | 200 784 300 0000 | 00 | 200 564 300 | | 1.4 | | 90 | 90 | 1.1 | 0.4 | B7G | P |
| E7071 | 000 230 000 0000 | 90 | | | 6.3 | | | | | | B9A | D |
| E7072 | 000 230 009 0000 | 10 | | | 6.3 | | | | 180 | | B9A | R |
| E7073 | 000 230 009 0000 | 10 | | | 26 | | | | 180 | | B9A | R |
| E7074 | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | 1.5 | 150 | | 12 | 14 | B9A | T |
| E7075 | 841 234 148 0000 | 00 | 641 234 146 | | 3.8 | 1.5 | 150 | | 12 | 14 | B9A | T |
| E7076 | 841 238 510 0000 | 00 | | | 6.3 | 0.4 | 12.6 | | 1 | 2.6 | B9A | TT |
| E7078 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 2 | 250 | 100 | 9 | 4.4 | B9A | P |
| E7079 | 041 230 871 0000 | 00 | 041 230 651 | | 12.6 | 1 | 150 | 100 | 12 | 4.4 | B9A | P |
| E7081 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 21 | 150 | 150 | 100 | 11 | A08 | P |
| E7087 | 481 238 157 0000 | 00 | 461 237 145 | | 15 | [1.7 | 200 | | 3 | 4 |] B9A | TP |
| | | | | | | 2.1 | 150 | 150 | 18 | 11 | | |
| E7088 | 481 238 157 0000 | 00 | 461 237 145 | | 6.3 | [1.7 | 200 | | 3 | 4 |] B9A | TP |
| | | | | | | 2.1 | 150 | 150 | 18 | 11 | | |
| E7108 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| E7109 | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 1.1 | 200 | 150 | 13 | 16.5 | B9A | P |
| E7110 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 3.5 | 250 | 250 | 10 | 6.8 | B9A | P |
| E7143 | 412 314 800 0000 | 00 | 412 314 600 | | 3.1 | 1 | 200 | | 11.5 | 6.7 | B7G | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| E7144 | 814 238 510 0000 | 00 | 614 237 410 | | 6.3 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| E7145 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 50 | 50 | 1.8 | | B9A | P |
| EA40 | 200 900 130 0000 | 00 | 200 800 130 | | 6 | | | | 5 | | B8A | R |
| EA50 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 6 | | | | | | B3G | D |
| EA63 | 741 231 800 0000 | 00 | 541 231 600 | | 6.3 | 5.5 | 250 | 250 | 36 | 10.5 | B9A | P |
| EA76 | 291 390 000 0000 | 00 | 281 380 000 | | 6 | | | | 5 | | B5B | R |
| EA111 | 023 010 000 0000 | 90 | 023 010 000 | D1 | 6.3 | | | | 60 | | F8 | R |
| EA962 | 200 100 300 0000 | 90 | 200 100 300 | D1 | 6.3 | | | | | | B7G | D |
| AAA11 | 912 300 1X0 0000 | 00 | 812 300 190 | | 6.3 | | | | 5 | | F8 | RR |
| AAA91 | 192 311 X00 0000 | 00 | 182 311 900 | | 6.3 | | | | 5 | | B7G | DD |
| AAA171 | 122 913 3X0 0000 | 00 | 122 813 390 | | 6.3 | | 200 | | 10 | | B8B | DD |
| AAA901 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 10 | | B7G | DD |
| EAB1 | 023 1Y0 9X0 0000 | 00 | 023 110 890 | | 6 | | | | 0.8 | | 8SC | DDD |
| EABC80 | YX1 239 148 0000 | 00 | 191 238 146 | | 6 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| EAC91 | 912 314 800 0000 | 00 | 812 314 600 | | 6 | 3.2 | 200 | | 7.4 | 2.8 | B7G | DT |
| EA21 | 287 914 130 0000 | 00 | 265 814 130 | | 6.3 | 2 | 250 | 100 | 6 | 2.8 | B8G | DP |
| EA41 | 289 174 130 0000 | 00 | 268 154 130 | | 6 | 4 | 250 | 100 | 5 | 1.8 | B8A | DP |
| EA42 | 289 174 130 0000 | 00 | 268 154 130 | | 6 | 2 | 250 | 100 | 5 | 1.8 | B8A | DP |
| EA81 | 041 238 907 0000 | 00 | 041 236 805 | | 6.3 | 2 | 250 | 100 | 9 | 3.6 | B9A | DP |
| EA801 | 741 238 091 0000 | 00 | 541 236 081 | | 6.3 | 2 | 250 | 200 | 9 | 3.8 | B9A | DP |
| EB4 | 023 190 X10 0000 | 00 | 023 180 910 | | 6 | | | | 0.8 | | 8SC | DD |
| EB11 | 902 301 1X0 0000 | 00 | 802 301 190 | | 6 | | | | 9 | | F8 | DD |
| EB34 | 02X 190 310 0000 | 00 | 029 180 310 | | 6 | | | | 5 | | A08 | DD |
| EB40 | 209 0X0 130 0000 | 00 | 208 090 130 | | 6 | | | | 40 | | B8A | DD |
| EB41 | 201 X09 130 0000 | 00 | 201 908 130 | | 6 | | | | 5 | | B8A | RR |
| EB91 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | | | | 9 | | B7G | DD |
| EB111 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 50 | 250 | | 60 | 5.2 | F8 | T |
| EBC1 | 023 1X9 080 0000 | 40 | 023 198 060 | G1 | 6 | 7 | 250 | | 4 | 2 | 8SC | DDT |
| EBC3 | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 6 | 5.5 | 250 | | 5 | 2 | 8SC | DDT |
| EBC11 | 9X2 310 480 0000 | 00 | 892 301 460 | | 6 | 8 | 250 | | 5 | 2.2 | F8 | DDT |
| EBC21 | 284 09X 130 0000 | 00 | 264 *89 130 | | 6 | 5.5 | 250 | | 5 | 2 | B8B | DDT |
| EBC30 | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 6 | 4.3 | 200 | | 4 | 2 | 8SC | DDT |
| EBC33 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 5.5 | 250 | | 5 | 2 | A08 | DDT |
| EBC41 | 284 09X 130 0000 | 00 | 264 089 130 | | 6 | 3 | 250 | | 1 | 1.3 | B8A | DDT |
| EBC51 | 39X 080 420 0000 | 00 | 389 060 420 | | 6.3 | 7.3 | 250 | | 70 | 4 | B9G | DDT |
| EBC80 | 841 239 0X0 0000 | 00 | 641 238 090 | | 6.3 | 3 | 250 | | 1 | 1.2 | B9A | DDT |
| EBC90 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| EBC91 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| EBF1 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 6 | 3 | 250 | 125 | 9 | 1.1 | 8SC | DDP |
| EBF2 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 6 | 2 | 250 | 100 | 5 | 1.8 | 8SC | DDP |
| EBF2G | 208 79X 130 0000 | 40 | 206 589 130 | G1 | 6.3 | 2 | 250 | 100 | 5 | 1.8 | A08 | DDP |
| EBF11 | 9X2 381 470 0000 | 00 | 892 361 450 | | 6 | 2 | 250 | 100 | 5 | 1.8 | F8 | DDP |
| EBF15 | X92 381 470 0000 | 00 | 982 361 450 | | 6 | 2 | 260 | 100 | 12 | 5 | F8 | DDP |
| EBF21 | 289 X74 130 0000 | 00 | 268 954 130 | | 6 | 3.2 | 250 | 100 | 7.5 | 2.2 | B8G | DDP |
| EBF32 | 028 9X7 310 0000 | 40 | 026 895 310 | G1 | 6 | 2 | 250 | 100 | 5 | 1.8 | A08 | DDP |
| EBF35 | 218 79X 130 0000 | 40 | 216 589 130 | G1 | 6 | 2 | 250 | 100 | 5 | 1.8 | A08 | DDP |
| EBF80 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 90 | 5 | 2.2 | B9A | DDP |
| EBF81 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 75 | 6.7 | 1.1 | B9A | DDP |
| EBF83 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6.3 | | 12 | 12 | 0.4 | 1 | B9A | DDP |
| EBF89 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6.3 | 2 | 250 | 100 | 9 | 3.8 | B9A | DDP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| EBF171 | 9X2 741 380 0000 | 00 | 892 541 360 | | 6.3 | 3.2 | 250 | 80 | 6 | 1.8 | B8B | DDP |
| EBF175 | 231 9X1 817 4000 | 00 | | | 6.3 | 2 | 250 | 80 | 6 | 5 | B10B | DDP |
| EBL1 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 6 | 6 | 250 | 250 | 36 | 9.5 | 8SC | DDP |
| EBL21 | 284 7X9 130 0000 | 00 | 264 598 130 | | 6 | 6 | 250 | 250 | 36 | 9 | B8B | DDP |
| EBL31 | 028 9X7 310 0000 | 40 | 026 895 310 | G1 | 6 | 6 | 250 | 250 | 36 | 9.5 | A08 | DDP |
| EBL71 | 284 79X 130 0000 | 00 | 264 589 130 | | 6 | 5 | 250 | 250 | 44 | 9.5 | A08 | DDP |
| EC2 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 6 | 5.5 | 250 | | 6 | 2.5 | 8SC | T |
| EC21 | 208 401 003 0000 | 00 | 206 401 003 | | 6 | 4 | 250 | | 5 | 2.7 | B9G | T |
| EC31 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 16 | 250 | | 20 | 3.2 | A08 | T |
| EC40 | 244 844 130 0000 | 00 | 244 644 130 | | 6 | 1.5 | 300 | | 15 | 12 | B8A | T |
| EC41 | 208 040 130 0000 | 00 | 206 040 130 | | 6 | 5.5 | 300 | | 20 | 4.5 | B8A | T |
| EC52 | 241 800 003 0000 | 00 | 241 600 003 | | 6 | 2.6 | 250 | | 10 | 6.5 | B9G | T |
| EC53 | 123 000 000 0000 | 84 | 123 000 000 | A1/G1 | 6 | 3.3 | 200 | | 7.5 | 2.9 | B3G | T |
| EC54 | 244 844 413 0000 | 00 | 244 644 413 | | 6 | 1.5 | 250 | | 10 | 9 | B9G | T |
| EC56 | 021 000 310 0000 | 84 | *21 0*0 310 | A1/G1 | 6.3 | 1.8 | 200 | | 30 | 15 | A08 | T |
| EC70 | 482 803 180 0000 | 00 | 462 603 160 | | 6 | 2 | 100 | | 13 | 5.5 | B8D | T |
| EC71 | 402 013 080 0000 | 00 | 402 013 060 | | 6.3 | 1.25 | 100 | | 8.5 | 5.8 | B8D | T |
| EC80 | 441 230 448 0000 | 00 | 441 230 446 | | 6 | 1.5 | 250 | | 15 | 12 | B9A | T |
| EC81 | 401 230 080 0000 | 00 | 401 230 060 | | 6 | 2 | 150 | | 30 | 5.5 | B9A | T |
| EC84 | 414 484 234 0000 | 00 | 414 464 234 | | 6.3 | 1.1 | 150 | | 16 | 10 | B9A | T |
| EC86 | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | 1.5 | 75 | | 12 | 14 | B9A | T |
| EC86C | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | 1.5 | 200 | | 12 | 14 | B9A | T |
| EC88 | 414 234 484 0000 | 00 | 414 234 464 | | 6 | 1.2 | 150 | | 12.5 | 14 | B9A | T |
| EC90 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| EC91 | 412 314 800 0000 | 00 | 412 314 600 | | 6 | 2 | 250 | | 6 | 8.5 | B7G | T |
| EC92 | 802 304 100 0000 | 00 | 602 304 100 | | 6 | 2 | 250 | | 10 | 5 | B7G | T |
| EC93 | 842 314 800 0000 | 00 | 642 314 600 | | 6 | 4 | 100 | | 16 | 8 | B7G | T |
| EC94 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | 2.5 | 100 | | 16 | 6.6 | B7G | T |
| EC95 | 142 381 100 0000 | 00 | 142 361 100 | | 6.3 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| EC96 | 412 314 800 0000 | 00 | 412 314 600 | | 6.3 | 1 | 200 | | 11.5 | 6.7 | B7G | T |
| EC97 | 142 238 100 0000 | 00 | 142 356 100 | | 6.3 | 1 | 150 | | 11 | 13 | B7G | T |
| EC98 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | 1.3 | 150 | | 13.5 | 13.5 | B7G | T |
| EC157 | 021 000 310 0000 | 84 | *21 0*0 310 | A1/G1 | 6.3 | 2 | 200 | | 44 | 22 | A08 | T |
| EC158 | 021 000 310 0000 | 84 | *21 0*0 310 | A1/G1 | 6.3 | 4 | 200 | | 68 | 15 | A08 | T |
| EC760 | 482 803 180 0000 | 00 | 462 603 160 | | 6.3 | 2.4 | 150 | | 13 | 6.5 | B8D | T |
| EC806S | 841 234 148 0000 | 00 | 641 234 146 | | 6.3 | | 200 | | 12 | 14 | B9A | T |
| EC900 | 412 380 100 0000 | 00 | 412 360 100 | | 6.3 | 1 | 150 | | 11.5 | 14.5 | B7G | T |
| EC903 | 842 314 800 0000 | 00 | 642 314 600 | | 6.3 | 4 | 100 | | 16 | 8 | B7G | T |
| EC1000 | 102 013 080 0000 | 40 | 102 *13 060 | G1 | 6.3 | 2 | 80 | | 14 | 14.5 | B8D | T |
| EC1030 | 444 123 480 0000 | 00 | 444 123 460 | | 6.3 | | 100 | | 7 | 16 | B8D | T |
| EC8010 | 414 234 484 0000 | 00 | 414 234 464 | | 6.3 | | 200 | | 25 | 28 | B9A | T |
| EC8020 | 414 234 484 0000 | 00 | 414 234 464 | | 6.3 | 2.4 | 200 | | 40 | 60 | B9A | T |
| ECC31 | 028 548 310 0000 | 00 | 027 446 310 | | 6 | 4.5 | 250 | | 6 | 2.3 | A08 | TT |
| ECC32 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 4.6 | 250 | | 6 | 2.3 | A08 | TT |
| ECC33 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 4 | 250 | | 9 | 3.8 | A08 | TT |
| ECC34 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 16 | 250 | | 10 | 2.2 | A08 | TT |
| ECC35 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 2.5 | 250 | | 2.3 | 2 | A08 | TT |
| ECC40 | 285 184 130 0000 | 00 | 274 164 130 | | 6 | 5.2 | 250 | | 6 | 2.7 | B8A | TT |
| ECC70 | 852 113 480 0000 | 00 | 742 113 460 | | 6.3 | 1 | 100 | | 6.5 | 5.4 | B8D | TT |
| ECC81 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|--------------------------|--------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ECC82 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| ECC83 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| ECC84 | 158 234 118 0000 | 00 | 147 234 116 | | 6 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| ECC85 | 851 238 410 0000 | 00 | 741 236 410 | | 6 | 2.3 | 250 | | 10 | 5.9 | B9A | TT |
| ECC86 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 0.3 | 12 | | 2.5 | 4.6 | B9A | TT |
| ECC88 | 851 238 410 0000 | 00 | 741 236 410 | | 6.3 | 1.2 | 90 | | 15 | 12.6 | B9A | TT |
| ECC89 | 148 235 118 0000 | 00 | 146 234 117 | | 6.3 | 1.2 | 90 | | 15 | 12 | B9A | TT |
| Ø ECC91 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [0.8 | 100 | | 8.5 | 5.3 |] B7G | TT |
| ECC171 | 231 488 512 0000 | 00 | | | 6.3 | 3 | 150 | | 5 | 4.5 | | |
| ECC180 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 1.5 | 200 | | 2.5 | 2.5 | B10B | TT |
| ECC186 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 150 | | 9 | 6.4 | B9A | TT |
| ECC189 | 841 328 510 0000 | 00 | 641 327 410 | | 6.3 | 8.5 | 250 | | 10.5 | 10.5 | B9A | TT |
| ECC230 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 1.4 | 90 | | 15 | 12.5 | B9A | TT |
| | | | | | 6 | 30 | 100 | | 100 | 6.5 | A08 | TT |
| ECC282 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 100 | | 11.8 | 3.1 | B9A | TT |
| ECC801 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| ECC802 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| ECC803 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| ECC804 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 7.7 | 200 | | 10 | 3.4 | B9A | TT |
| ECC807 | 158 231 084 0000 | 00 | 147 231 064 | | 6.3 | 1.5 | 250 | | 1.3 | 2.4 | B9A | TT |
| ECC808 | 418 230 815 0000 | 00 | 416 230 714 | | 6.3 | 1.9 | 250 | | 1.2 | 1.6 | B9A | TT |
| ECC813 | 814 228 153 0000 | 00 | 614 227 143 | | 6.3 | | 250 | | 14.5 | 5.2 | B9A | TT |
| ECC865 | 841 238 510 0000 | 00 | 641 237 410 | | 6.3 | 14 | 200 | | 8.7 | 6 | B9A | TT |
| ECC960 | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | 2.1 | 100 | | 8.5 | 6 | B7G | TT |
| ECC962 | 882 345 100 0000 | 00 | 672 344 100 | | 6.3 | 1.7 | 150 | | 8.5 | 6 | B7G | TT |
| ECC2000 | 015 123 841 8000 | 00 | | | 6.3 | [1.2 | 90 | | 27 | 22 |] B10B | TT |
| | | | | | | 1.2 | 90 | | 27 | 16.5 | | |
| ECC8100 | 151 238 418 0000 | 00 | 141 237 416 | | 6.3 | [| 100 | | 25 | 16 |] B9A | TT |
| | | | | | | | 100 | | 25 | 20 | | |
| ECF1 | 023 184 780 0000 | 50 | 023 164 570 | G1 | 6.3 | [3 | 150 | | 8 | 2.2 |] 8SC | TP |
| | | | | | | 2 | 250 | 100 | 5 | 2.5 | | |
| ECF12 | 842 381 570 0000 | 00 | 642 371 450 | | 6 | [2 | 100 | | 11 | 3 |] F8 | TP |
| | | | | | | | 250 | 100 | 5 | 2 | | |
| ECF80 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [2 | 100 | | 14 | 5 |] B9A | TP |
| | | | | | | 3 | 250 | 200 | 7 | 5.5 | | |
| ECF82 | 857 238 114 0000 | 00 | 645 237 114 | | 6 | [1 | 150 | | 18 | 8.5 |] B9A | TP |
| | | | | | | 1 | 250 | 100 | 10 | 5.2 | | |
| ECF83 | 148 238 715 0000 | 00 | 146 237 514 | | 6.3 | [3.7 | 60 | | 6.5 | 3.6 |] B9A | TP |
| | | | | | | | 60 | 50 | 3 | 1.3 | | |
| ECF86 | 151 234 887 0000 | 00 | 141 234 675 | | 6 | [3 | 100 | | 14 | 5.5 |] B9A | TP |
| | | | | | | 1.2 | 200 | 150 | 10 | 12 | | |
| ECF174 | 314 818 175 0000 | 00 | | | 6.3 | [0 | 100 | | 11 | 5 |] B10B | TP |
| | | | | | | 2 | 250 | 150 | 8 | 3 | | |
| ECF801 | 151 238 784 0000 | 00 | 141 236 574 | | 6.3 | [3 | 100 | | 15 | 8.5 |] B9A | TP |
| | | | | | | 1.2 | 150 | 100 | 10 | 10 | | |
| ECF802 | 857 238 114 0000 | 00 | 645 237 114 | | 6.3 | [2 | 200 | | 3.5 | 3.5 |] B9A | TP |
| | | | | | | 1 | 100 | 100 | 6 | 5.5 | | |
| ECF804 | 857 238 114 0000 | 00 | 645 237 115 | | 6.3 | [1.5 | 150 | | 13.5 | 7.2 |] B9A | TP |
| | | | | | | 2 | 150 | 150 | 7 | 11 | | |
| ECF805 | 878 231 514 0000 | 00 | 657 231 414 | | 6.3 | [3 | 100 | | 14 | 5.5 |] B9A | TP |
| | | | | | | 1.5 | 100 | 100 | 10 | 11 | | |
| ECF8070 | 151 238 784 0000 | 00 | 141 237 564 | | 6.3 | [3 | 100 | | 14 | 5.5 |] B9A | TP |
| | | | | | | 1.2 | 200 | 150 | 10 | 12 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|-----|---------------|-------------|------|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ECH2 | [023 184 780 0000 023 105 780 0000 | 50 50] | 023 164 570 | G1 | 6 | [1 2.5 | 100 250 | 100 | 9.5 3.2 | 5.5 | 8SC | TH |
| ECH3 | [023 184 080 0000 023 105 780 0000 | 50 50] | 023 164 570 | G1 | 6 | [2 2 | 100 250 | 100 | 5 4.8 | 2.4 2.5 | 8SC | TH |
| ECH3G | [028 748 310 0000 028 750 310 0000 | 50 50] | 027 546 310 | G | 6 | [2 2 | 100 250 | 100 | 5 4.8 | 1.4 2.5 | A08 | TH |
| ECH4 | 023 854 780 0000 | 50 | 123 614 570 | G1 | 6 | [2 2 | 100 250 | 100 | 6.3 6.5 | 2.7 2.6 | 8SC | TH |
| ECH4G | 128 748 310 0000 | 50 | 127 546 310 | G | 6.3 | [2 2 | 100 250 | 200 | 6.3 6.5 | 2.7 2.6 | A08 | TH |
| ECH11 | [842 381 570 0000 052 381 570 0000 | 00 00] | 642 371 450 | | 6 | [2 2 | 100 250 | 100 | 5 4.7 | 2.4 2.5 | F8 | TH |
| ECH21 | 288 475 131 0000 | 00 | 276 454 130 | | 6 | [2 2 | 100 250 | 90 | 6.2 5.3 | 2.4 2.2 | B8B | TH |
| ECH33 | [028 748 310 0000 028 750 310 0000 | 50 50] | 027 546 310 | G1 | 6 | [2 2 | 100 200 | 100 | 5 3 | 2.4 2.8 | A08 | TH |
| ECH35 | [028 748 310 0000 028 750 310 0000 | 50 50] | 027 546 310 | G1 | 6 | [2 2 | 100 250 | 100 | 5.4 5 | 2.2 2.4 | A08 | TH |
| ECH41 | [288 475 130 0000 280 575 130 0000 | 00 00] | 276 454 130 | | 6 | [2 2 | 100 250 | 100 | 5 3 | 2.2 2 | B8A | TH |
| ECH42 | [288 475 130 0000 280 575 130 0000 | 00 00] | 276 454 130 | | 6 | [2 2 | 100 250 | 100 | 5 8 | 2.2 2 | B8A | TH |
| ECH71 | 288 475 131 0000 | 00 | 276 454 431 | | 6 | [2 2 | 250 250 | 100 | 2 3 | 0.7 | B8B | TH |
| ECH80 | [051 230 084 0000 751 230 805 0000 | 00 00] | 541 23* 674 | | 6.3 | [2 2 | 75 250 | 75 | 5 3 | 0.75 | B9A | TH |
| ECH81 | 751 238 584 0000 | 00 | 541 237 164 | | 6 | [3 2 | 100 250 | 100 | 5 6.5 | 2.3 2.4 | B9A | TH |
| ECH83 | 751 238 084 0000 | 00 | 541 237 564 | | 6 | [0.25 0.5 | 12 12 | 12 | 0.7 0.4 | 1.4 0.7 | B9A | TH |
| ECH84 | 551 238 784 0000 | 00 | 441 237 564 | | 6 | [0 0 | 50 150 | 14 | 3.0 1.7 | 3.7 2.2 | B9A | TP |
| ECH113 | [288 475 130 0000 280 575 130 0000 | 00 00] | 276 454 130 | | 6 | [2 2 | 100 250 | 90 | 4.8 3 | | B8A | TH |
| ECH171 | 842 751 381 0000 | 00 | 642 544 371 | | 6 | [2 2 | 250 250 | 75 | 3 2 | 0.7 | B8B | TH |
| ECH200 | 114 723 851 8000 | 00 | 114 523 651 | | 6.3 | [1 1.5 | 100 12.6 | 12.6 | 9.5 0.8 | 8.5 | B10B | TP |
| ECH8000 | 751 238 184 0000 | 00 | 541 237 464 | | 6.3 | [1.5 1.5 | 100 250 | 100 | 11 9 | 4.2 5 | B9A | TH |
| ECL11 | 572 381 480 0000 | 00 | 452 371 460 | | 6 | [2.5 6 | 250 250 | 250 | 2 36 | 2 9 | F8 | TP |
| ECL80 | 841 238 175 0000 | 00 | 641 237 154 | | 6 | [2.3 8 | 100 200 | 200 | 4 17.5 | 1.4 3.3 | B9A | TP |
| ECL81 | 471 238 815 0000 | 00 | 451 237 614 | | 6 | [1.9 5.5 | 150 250 | 250 | 1.3 36 | 1.6 8.7 | B9A | TH |
| ECL82 | 415 238 718 0000 | 00 | 414 237 516 | | 6.3 | [1 16 | 200 200 | 200 | 3.7 35 | 2.4 6.4 | B9A | TP |
| ECL83 | 841 238 175 0000 | 00 | 641 237 154 | | 6.3 | [1.5 9.5 | 200 200 | 175 | 1.6 30 | 2.5 5.5 | B9A | TP |
| ECL84 | 481 238 157 0000 | 00 | 461 237 145 | | 6 | [1.7 2.0 | 200 175 | 175 | 3 18 | 4 10.4 | B9A | TP |
| ECL85 | 841 238 715 0000 | 00 | 641 237 514 | | 6 | [0.8 15 | 100 200 | 175 | 5 41 | 6.5 7.5 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------------------------|------------|------------------------------------|------------|-----|--------------|------------|-----------|-----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ECL86 | 417 238 158 0000 | 00 | 415 237 146 | | 6 | [1.9 7 | 250 250 | 250 | 1.2 36 | 1.6 10 | B9A | TP |
| ECL113 | 288 574 130 0000 | 00 | 267 454 130 | | 6 | [1 3.5 | 150 250 | 250 | 2 25 | 1.6 8.5 | B8A | TP |
| ECLL800 [| 840 235 180 0000 048 235 187 0000 | 00 00 | 647 234 115 | | 6.3 | [9.0 9.0 | 100 250 | 250 | 4 26 | 0.05 6.0 | B9A | TPP |
| ED111 | 288 104 430 0000 | 00 | 266 104 430 | | 6.3 | 5 | 200 | | 40 | 8 | B8A | T |
| EDD11 | 852 301 480 0000 | 00 | 742 310 460 | | 6 | 8 | 200 | | 3.5 | | F8 | TT |
| EDD111 | 852 311 480 0000 | 00 | 742 311 460 | | 6 | 8 | 250 | | 9 | 2.3 | F8 | TT |
| EDD171 | 231 488 512 0000 | 00 | | | 6.3 | 3.5 | 150 | | 14 | 4.8 | B10B | TT |
| EE1 | 023 190 780 0000 | 00 | 023 180 560 | | 6.3 | 2.5 | 250 | 150 | 8 | 14 | F8 | DP |
| EE50 | 278 701 403 0000 | 00 | 256 501 403 | | 6.3 | 3 | 250 | 250 | 10 | 14 | B9G | P |
| EE80 | 041 231 870 0000 | 00 | *41 231 650 | | 6.3 | | 200 | 200 | 10 | 12.5 | B9A | P |
| EEL71 | 285 774 831 0000 | 00 | 274 554 631 | | 6.3 | 6.5 | 250 | 250 | 24 | 6.5 | B9G | PP |
| EEL171 | 752 874 381 0000 | 00 | 542 654 371 | | 6.3 | [12 2 | 250 100 | 250 50 | 40 3 | 9 | B8B | PP |
| EEL171 | 218 000 300 0000 | 40 | 216 000 300 | G1 | 6.3 | 12 | 250 | 250 | 40 | 9 | B7 | T |
| EEL171 | 038 090 200 0000 | 00 | 036 080 200 | | 6.3 | 2 | 100 | 50 | 2 | | A08 | DT |
| EEP1 | 023 190 780 0000 | 40 | 023 180 560 | G1 | 6.3 | 2.5 | 250 | 150 | 8 | 17 | 8SC | DP |
| EEP71 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 3 | 250 | 100 | 8 | 2.2 | 8SC | P |
| EF2 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2 | 250 | 100 | 4.5 | 2.2 | 8SC | P |
| EF2S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6.3 | 2 | 250 | 100 | 5 | 1.8 | 8SC | P |
| EF3 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2.5 | 250 | 100 | 8 | 1.8 | 8SC | P |
| EF5 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 3 | 250 | 100 | 8 | 1.7 | 8SC | P |
| EF6 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2 | 250 | 100 | 3 | 2 | 8SC | P |
| EF7 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 1.5 | 250 | 100 | 3 | 2.1 | 8SC | P |
| EF8 | 023 111 780 0000 | 40 | 023 111 560 | G1 | 6 | 2.5 | 250 | 250 | 8 | 1.8 | 8SC | P |
| EF9 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2.5 | 250 | 100 | 6 | 2.2 | 8SC | P |
| EF11 | 802 301 470 0000 | 00 | 602 301 450 | | 6 | 2 | 250 | 100 | 6 | 2.2 | F8 | P |
| EF12 | 802 301 470 0000 | 00 | 602 301 450 | | 6 | 2 | 250 | 100 | 3 | 2.1 | F8 | P |
| EF12spec. | 802 301 470 0000 | 00 | 602 301 450 | | 6.3 | 2 | 250 | 100 | 3 | 1.7 | F8 | P |
| EF13 | 812 301 470 0000 | 00 | 612 301 450 | | 6 | 2 | 250 | 100 | 4.5 | 2.3 | F8 | P |
| EF14 | 812 370 140 0000 | 00 | 612 350 140 | | 6 | 4.5 | 200 | 200 | 12 | 7 | F8 | P |
| EF15 | 812 301 470 0000 | 00 | 612 301 450 | | 6 | 2 | 250 | 100 | 12 | 5.5 | F8 | P |
| EF22 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8B | P |
| EF25 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2 | 250 | 100 | 5 | 1.8 | 8SC | P |
| EF36 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 3 | 1.8 | A08 | P |
| EF38 | 128 710 310 0000 | 40 | 126 510 310 | G1 | 6 | 2.5 | 250 | 250 | 8 | 1.8 | A08 | P |
| EF39 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2.5 | 250 | 100 | 6 | 2.2 | A08 | P |
| EF40 | 280 147 130 0000 | 00 | 26* 145 130 | | 6 | 2 | 250 | 150 | 3 | 1.8 | B8B | P |
| EF41 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2.5 | 250 | 100 | 6 | 2.2 | B8A | P |
| EF42 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 2 | 250 | 250 | 10 | 9.5 | B8A | P |
| EF43 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 2 | 250 | 150 | 15 | 6.4 | B8A | P |
| EF44 | 280 147 130 0000 | 00 | 260 145 130 | | 6.3 | 2 | 250 | 150 | 3 | 1.8 | B8A | P |
| EF50 | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 1.5 | 250 | 250 | 10 | 6.5 | B9G | P |
| EF51 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2 | 250 | 250 | 14 | 9.5 | B8B | P |
| EF52 | 281 174 130 0000 | 00 | 261 154 130 | | 6 | 2 | 250 | 250 | 10 | 10 | B8G | P |
| EF53 | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 2 | 250 | 250 | 10 | 6.5 | B9G | P |
| EF54 | 287 114 113 0000 | 00 | 265 114 113 | | 6 | 1.7 | 250 | 250 | 10 | 7.7 | B9G | P |
| EF55 | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 4 | 250 | 150 | 10 | 7 | B9G | P |
| EF70 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 2 | 100 | 100 | 13 | 5.5 | B8D | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| EF71 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 2 | 100 | 100 | 13 | 5.5 | B8D | P |
| EF72 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| EF73 | 412 873 180 0000 | 00 | 412 653 160 | | 6 | 2 | 100 | 100 | 7.5 | 5.5 | B8D | P |
| EF74 | 412 873 180 0000 | 00 | 412 653 160 | | 6.3 | 1.4 | 100 | 100 | 7 | 3.1 | B8D | P |
| EF80 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 200 | 175 | 10 | 7.2 | B9A | P |
| EF81 | 741 238 000 0000 | 00 | 541 236 000 | | 6.3 | 2.5 | 250 | 125 | 6 | 2.2 | B9A | P |
| EF82 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | P |
| EF83 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 1.6 | 250 | 50 | 4 | 1.6 | B9A | P |
| EF85 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 250 | 100 | 10 | 6 | B9A | P |
| EF86 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 2 | 250 | 150 | 3 | 2.3 | B9A | P |
| EF87 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 250 | 100 | 3.3 | 1.9 | B9A | P |
| EF88 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 250 | 100 | 7 | 2.1 | B9A | P |
| EF89 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 2 | 250 | 100 | 9 | 3.6 | B9A | P |
| EF89F | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 20 | 250 | 100 | 11 | 4.4 | B9A | P |
| EF91 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.6 | B7G | P |
| EF92 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 250 | 200 | 8 | 2.5 | B7G | P |
| EF93 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 11.6 | 4.5 | B7G | P |
| EF94 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 150 | 10.6 | 5.2 | B7G | P |
| EF95 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| EF96 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1.5 | 250 | 150 | 6.5 | 5 | B7G | P |
| EF97 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 0.7 | 12 | 12 | | | B7G | P |
| EF98 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 12 | 12 | 4.8 | 3 | B7G | P |
| EF111 | 812 370 140 0000 | 00 | 612 350 140 | | 6.3 | 2 | 250 | 75 | 6 | 2.2 | F8 | P |
| EF112 | 812 370 140 0000 | 00 | 612 350 140 | | 6.3 | 2 | 250 | 100 | 3 | 2.1 | F8 | P |
| EF172 | 112 740 380 0000 | 00 | 112 540 360 | | 6.3 | 2 | 250 | 100 | 5 | 3 | B8A | P |
| EF174 | 112 740 380 0000 | 00 | 112 540 360 | | 6.3 | 3.5 | 200 | 200 | 12 | 9 | B8A | P |
| EF175 | 112 740 380 0000 | 00 | 112 540 360 | | 6.3 | 2.1 | 250 | 100 | 12 | 4.5 | B8A | P |
| EF183 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| EF184 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| EF186 | 841 230 871 0000 | 00 | 641 230 651 | | 6.3 | 0.5 | 200 | 50 | | | B9A | P |
| EF190 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 200 | 150 | 8.5 | 6.2 | B7G | P |
| EF410 | 280 074 130 0000 | 00 | 26* *54 130 | | 6.3 | 2 | 250 | 100 | 6 | 2.7 | B8A | P |
| EF730 | 782 803 180 0000 | 00 | 562 603 160 | | 6.3 | 1 | 100 | 100 | 5.3 | 3.2 | B8D | P |
| EF731 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.1 | 100 | 100 | 7.2 | 4.5 | B8D | P |
| EF732 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.5 | 100 | 100 | 7.5 | 5 | B8D | P |
| EF734 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.5 | 100 | 100 | 7.5 | 5 | B8D | P |
| EF800 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 200 | 175 | 10 | 7.2 | B9A | P |
| EF802 | 141 230 870 0000 | 00 | 141 23* 65* | | 6.3 | 1.8 | 200 | 175 | 12 | 8 | B9A | P |
| EF804 | 101 230 874 0000 | 00 | 101 230 654 | | 6.3 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| EF805S | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.8 | 250 | 75 | 8 | 5.7 | B9A | P |
| EF806S | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | | 250 | 150 | 3.2 | 2 | B9A | P |
| EF811 | 141 237 890 0000 | 00 | 141 230 650 | | 6.3 | 1.5 | 200 | 90 | 11.5 | 12.5 | B9A | DP |
| EF812 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.6 | 150 | 150 | 10 | 9.2 | B9A | P |
| EF814 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.9 | 150 | 150 | 10 | 15 | B9A | P |
| EF860 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | | 250 | 250 | 10 | 6.8 | B9A | P |
| EF861 | 141 230 817 0000 | 00 | 141 230 615 | | 6.3 | 1.1 | 200 | 150 | 13 | 16.5 | B9A | P |
| EF866 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| EF905 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 150 | 125 | 7.5 | 5 | B7G | P |
| EF8010 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 2 | 200 | 100 | 12 | 12.5 | B9A | P |
| EF8200 | 141 237 817 0000 | 00 | 141 235 615 | | 6.3 | | 200 | 150 | 22 | 35 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-2 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|--------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| EFF50 | 287 415 783 0000 | 00 | 265 414 573 | | 6 | 2 | 250 | 200 | 6 | 8 | B9G | PP |
| EFL200 | 517 823 147 8000 | 00 | | | 6.3 | [2.6 | 175 | 175 | 30 | 21 |] B10B | PP |
| EFM1 | 023 114 780 0000 | 00 | 023 114 560 | | 6 | 2.3 | 150 | 150 | 10 | 8.5 | | TP |
| EFP20 | 278 147 130 0000 | 00 | 256 145 130 | | 6.3 | 2 | 250 | 200 | 5 | 12 | B8G | P |
| EFP60 | 214 178 183 0000 | 00 | 214 156 163 | | 6.3 | 2 | 250 | 150 | 20 | 25 | B9G | P |
| EG420 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| EH1 | 023 147 780 0000 | 40 | 023 145 560 | G1 | 6 | 2 | 250 | 80 | 3 | 1.8 | 8SC | P |
| EH2 | 023 117 780 0000 | 40 | 023 115 560 | G1 | 6 | 3 | 250 | 100 | 4.2 | 1.4 | 8SC | P |
| EH90 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1 | 100 | 30 | 1 | 1.1 | B7G | H |
| EH900 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 0 | 150 | 80 | 1 | 1.1 | B7G | H |
| EH900S | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 10 | 150 | 75 | 0.2 | | B7G | H |
| EK1 | | | 123 164 570 | G1 | 6 | [1.5 | 90 | | 2 | |] 8SC | O |
| EK2 | 023 174 780 0000 | 40 | 023 154 560 | G1 | 6 | 8.5 | 250 | 75 | 1.6 | | | O |
| EK2G | 028 747 310 0000 | 00 | 026 545 310 | | 6.3 | 2 | 250 | 75 | 2.8 | 1.8 | 8SC | O |
| EK3 | 023 174 780 0000 | 40 | 023 154 560 | G1 | 6 | 2 | 100 | 60 | 11 | 3.8 | A08 | O |
| EK32 | 028 747 310 0000 | 40 | 026 545 310 | G1 | 6 | 2 | 250 | 75 | 1.5 | 1.5 | A08 | O |
| EK90 | 412 388 100 0000 | 00 | 412 365 100 | | 6 | 2 | 100 | | 11 | 7 | B7G | H |
| EL1 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 6 | 18.5 | 250 | 250 | 32 | 2.6 | 8SC | P |
| EL3 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 6 | 250 | 250 | 36 | 9 | 8SC | P |
| EL3/425 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 15.6 | 400 | 300 | 25 | 3 | 8SC | P |
| EL3NG | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 6 | 250 | 250 | 36 | 9 | A08 | P |
| EL5 | | | 023 104 560 | | 6 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| EL5/375 | 023 140 780 0000 | 00 | 023 140 560 | | 6.3 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| EL5/600 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 6.3 | | 250 | 275 | 72 | 8.5 | 8SC | P |
| EL5G | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 14 | 250 | 275 | 72 | 8.5 | A08 | P |
| EL6 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 4 | 250 | 250 | 72 | 14.5 | 8SC | P |
| EL6/435 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 7.5 | 250 | 250 | 20 | 5.5 | 8SC | P |
| EL6spec. | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 7 | 250 | 250 | 72 | 14.5 | 8SC | P |
| EL11 | 802 301 470 0000 | 00 | 602 301 450 | | 6 | 6 | 250 | 250 | 36 | 9 | F8 | P |
| EL12 | 802 301 450 0000 | 00 | 602 301 450 | | 6 | 7 | 250 | 250 | 72 | 15 | F8 | P |
| EL12/325 | 802 301 470 0000 | 00 | 602 301 450 | | 6.3 | 7 | 250 | 250 | 72 | 18 | F8 | P |
| EL12/375 | 802 301 470 0000 | 00 | 602 301 450 | | 6.3 | 7 | 400 | 250 | 72 | 15 | F8 | P |
| EL12spec | 702 301 400 0000 | 80 | 502 301 400 | A1 | 6.3 | 19 | 400 | 350 | 42 | 10 | F8 | P |
| EL13 | 802 310 470 0000 | 00 | 602 310 450 | | 6.3 | 7.5 | 250 | 250 | 20 | 5.5 | F8 | P |
| EL20 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 34 | 300 | 300 | 12.5 | 3.7 | B8B | P |
| EL22 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 7 | 250 | 250 | 44 | 9.5 | B8B | P |
| EL30 | 028 741 310 0000 | 00 | 026 541 310 | | 6.3 | 4.5 | 250 | 250 | 18 | 6.5 | A08 | P |
| EL31 | 120 740 310 0000 | 80 | 120 540 310 | A1 | 6 | 9 | 300 | 275 | 91 | 14 | A08 | P |
| EL32 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 18 | 250 | 250 | 32 | 2.8 | A08 | P |
| EL33 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | 250 | 36 | 9 | A08 | P |
| EL34 | 128 740 310 0000 | 00 | 126 540 310 | | 6 | 13.5 | 250 | 250 | 75 | 11 | A08 | P |
| EL35 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 15.5 | 250 | 250 | 72 | 5 | A08 | P |
| EL36 | 020 740 310 0000 | 80 | *2* 54* 310 | A1 | 6 | 8.2 | 100 | 100 | 77 | 11 | A08 | P |
| EL36 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 4 | 250 | 250 | 72 | 14.5 | A08 | P |
| EL37 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 13.5 | 250 | 250 | 100 | 11 | A08 | P |
| EL38 | 120 740 310 0000 | 80 | 120 540 310 | A1 | 6 | 7 | 250 | 250 | 89 | 14.3 | A08 | P |
| EL39 | 020 741 310 0000 | 80 | 020 541 310 | A1 | 6 | 3.2 | 200 | 125 | 45 | 6.5 | A08 | P |
| EL41 | 280 074 130 0000 | 00 | 26* 54 130 | | 6 | 7 | 250 | 250 | 36 | 10 | B8A | P |
| EL42 | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 10.8 | 225 | 225 | 26 | 3.2 | B8A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| EL43 | 280 174 130 0000 | 00 | 250 154 130 | | 6 | 3 | 250 | 250 | 36 | 10 | B8A | P |
| EL44 | 200 174 130 0000 | 80 | 200 154 130 | A1 | 6 | 22.5 | 250 | 250 | 20 | 5 | B8A | P |
| EL50 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 6 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P |
| EL51 | 023 104 700 0000 | 80 | 023 104 500 | A1 | 6 | | 400 | 300 | 44 | 7 | 8SC | P |
| EL53 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 7.7 | 400 | 250 | 24 | 8 | 8SC | P |
| EL54 | 023 140 780 0000 | 00 | 023 140 560 | | 6 | 12.2 | 300 | 300 | 55 | 13 | 8SC | P |
| EL60 | 218 007 413 0000 | 00 | 216 005 413 | | 6 | 14.5 | 250 | 250 | 67 | 9 | B9G | P |
| EL70 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 9 | 100 | 100 | 31 | 2.2 | B8D | P |
| EL71 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 8.5 | 100 | 100 | 30 | 4 | B8D | P |
| EL80 | 741 230 800 0000 | 00 | 541 230 600 | | 6.3 | 6.5 | 250 | 250 | 36 | 10 | B9A | P |
| EL81 | 041 230 071 0000 | 80 | *41 23* 51 | A1 | 6 | 38.5 | 250 | 250 | 32 | 4.6 | B9A | P |
| EL81F | 041 230 070 0000 | 80 | 041 230 050 | A1 | 6.3 | 28 | 200 | 200 | 40 | 6 | B9A | P |
| EL82 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6.3 | 10.4 | 200 | 200 | 54 | 9 | B9A | P |
| EL83 | 741 230 800 0000 | 00 | 541 23* 600 | | 6 | 5.5 | 250 | 250 | 36 | 10 | B9A | P |
| EL84 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| EL85 | 441 231 817 0000 | 00 | 441 231 615 | | 6 | 10.8 | 250 | 225 | 26 | 3.2 | B9A | P |
| EL86 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6.3 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| EL86F | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6.3 | | 200 | 200 | 70 | 10 | B9A | P |
| EL88 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 4.5 | 200 | 200 | 33 | 9.7 | B9A | P |
| EL89 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 6 | 250 | 250 | 38 | 10.5 | B9A | P |
| EL90 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| EL91 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 13.8 | 250 | 250 | 16 | 2.6 | B7G | P |
| EL95 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 9 | 250 | 250 | 24 | 5 | B7G | P |
| EL131 | 128 740 310 0000 | 00 | 126 54* 310 | | 6.3 | 12 | 250 | 250 | 100 | 11 | A08 | P |
| EL150 | 802 301 470 0000 | 00 | 602 301 450 | | 6.3 | 7 | 350 | 250 | 95 | 6.5 | F8 | P |
| EL152 | 812 741 300 0000 | 00 | 612 541 300 | | 6.3 | 33 | 400 | 250 | 50 | 4 | B7G | P |
| EL171 | 102 741 380 0000 | 00 | 102 541 360 | | 6.3 | 12 | 250 | 250 | 40 | 9 | B8A | P |
| EL172 | 102 741 380 0000 | 00 | 102 541 360 | | 6.3 | 7 | 250 | 250 | 72 | 15 | B8A | P |
| EL180 | 141 223 871 0000 | 00 | 141 223 651 | | 6.3 | 2 | 250 | 150 | 25 | 12 | B9A | P |
| EL183 | 141 228 713 0000 | 00 | 141 226 513 | | 6.3 | 2.1 | 200 | 200 | 40 | 25 | B9A | P |
| EL300 | 721 441 370 0000 | 80 | 541 441 350 | A1 | 6.3 | 22.5 | 200 | 150 | 100 | 10 | B8A | P |
| EL360 | 020 740 310 0000 | 80 | *2* 540 310 | A1 | 6.3 | 7.7 | 100 | 100 | 100 | 14 | A08 | P |
| EL500 | 441 237 710 0000 | 80 | 441 235 51* | A1 | 6.3 | 20 | 150 | 150 | 70 | 10 | B9A | P |
| EL502 | 441 237 710 0000 | 80 | | | 6.3 | 35 | 200 | 200 | 100 | 2 | B9D | P |
| EL503 | 714 231 408 0000 | 00 | 514 231 406 | | 6.3 | 13.2 | 250 | 250 | 100 | 23 | B9D | P |
| EL505 | 417 237 141 0000 | 80 | | | 6.3 | 40 | 150 | 150 | 60 | 8 | B9D | P |
| EL506 | 741 234 708 0000 | 00 | 541 234 5*6 | | 6.3 | 10 | 300 | 300 | 60 | 10.2 | B9D | P |
| EL803 | 741 231 800 0000 | 00 | 541 231 600 | | 6.3 | 3.5 | 200 | 200 | 36 | 10 | B9A | P |
| EL803S | 741 321 800 0000 | 00 | 541 321 600 | | 6.3 | | 200 | 200 | 32 | 10 | B9A | P |
| EL804 | 041 230 007 0000 | 80 | 041 230 005 | A1 | 6.3 | 12 | 200 | 175 | 70 | 10 | B9A | P |
| EL820 | 041 230 071 0000 | 80 | *41 23* 51 | A1 | 6 | 38.5 | 250 | 250 | 32 | 4.6 | B9A | P |
| EL821 | 041 230 871 0000 | 00 | *41 23* 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | P |
| EL822 | 041 230 871 0000 | 00 | *41 23* 651 | | 6 | 2.5 | 250 | 150 | 40 | 13 | B9A | P |
| EL861 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | | 200 | 200 | 20 | 11 | B9A | P |
| EL863 | 741 231 800 0000 | 00 | 541 231 600 | | 6.3 | 5.5 | 250 | 250 | 36 | 11 | B9A | P |
| EL3010 | 231 147 210 0000 | 80 | 231 145 210 | A1 | 6.3 | | 350 | 100 | 100 | 60 | A08 | P |
| EL5070 | 017 231 141 0000 | 80 | *15 231 141 | A1 | 6.3 | 3 | 125 | 125 | 50 | 45 | B9D | P |
| EL8000 | 141 237 817 0000 | 00 | 141 235 615 | | 6.3 | | 250 | 250 | 48 | 50 | B9A | P |
| ELL1 | 523 184 780 0000 | 00 | 423 174 560 | | 6 | 20 | 250 | 250 | 15 | 1.7 | 8SC | PP |
| ELL80 | 748 235 187 0000 | 00 | 546 234 175 | | 6.3 | 9.0 | 250 | 250 | 24 | 6.0 | B9A | PP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|---------------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ELP71 | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 7 | 250 | 250 | 36 | 9 | 8SC | P |
| ELP72 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 6 | 17 | 250 | 250 | 36 | 2.5 | 8SC | P |
| EM1 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 5 | 250 | 250 | 0.1 | †2.0 | 8SC | TI |
| EM2 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 4 | 250 | 250 | 0.1 | †2.0 | 8SC | |
| EM3 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 18 | 200 | 200 | 0.2 | †1.0 | 8SC | TI |
| EM4 | 023 184 780 0000 | 00 | 023 164 560 | | 6.3 | [4.2 12.5 | 200 200 | 200 | | †1.0 †1.0 | 8SC | TI |
| EM11 | 028 748 310 0000 | 00 | 026 546 310 | | 6.3 | [5 16 | 250 250 | 250 | | †1.0 †1.0 | A08 | TI |
| EM31 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 5 | 250 | 250 | 0.1 | †2.0 | A08 | TI |
| EM34 | 028 478 310 0000 | 00 | 026 456 310 | | 6.3 | [4.2 12.5 | 250 250 | 250 | 1 | †1.0 †1.0 | A08 | TI |
| EM35 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | | †1.0 | A08 | TI |
| EM71 | 271 084 130 0000 | 00 | 251 064 130 | | 6.3 | 20 | 250 | 250 | 0.5 | | B8B | TI |
| EM72 | 271 084 130 0000 | 00 | 251 064 130 | | 6 | 20 | 250 | 250 | 0.5 | | B8B | |
| EM80 | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 6.3 | 14 | 250 | 250 | 0.4 | †0.5 | B9A | TI |
| EM81 | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 6.3 | 10.5 | 250 | 250 | 0.4 | †0.5 | B9A | TI |
| EM84 | 401 237 808 0000 | 00 | 4*1 235 6*6 | | 6.3 | 22 | 250 | 250 | 0.5 | †0.5 | B9A | TI |
| EM87 | 401 237 808 0000 | 00 | 4*1 235 6*6 | | 6.3 | 14 | 250 | 250 | 1.1 | †1.0 | B9A | TI |
| EM840 | 401 237 808 0000 | 00 | 4*1 235 6*6 | | 6.3 | 22 | 250 | 250 | 0.5 | †0.5 | B9A | TI |
| EMG1 | 472 381 100 0000 | 00 | 452 361 100 | | 6.3 | 4.5 | 20 | 20 | 7 | 4 | B7G | P |
| EQ80 | 741 238 114 0000 | 00 | 541 238 114 | | 6 | 1 | 250 | 20 | 0.9 | 0.7 | B9A | N |
| ER4 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 3 | | B4 | D |
| EW60 | 290 000 103 0000 | 00 | 280 000 103 | | 6 | | | | 120 | | B9G | R |
| EY51 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | 3 | | D | |
| EY70 | 092 013 090 0000 | 00 | 082 813 080 | | 6 | | | | 30 | | B8D | R |
| EY80 | 001 230 009 0000 | 00 | **1 23* **8 | | 6 | | | | 120 | | B9A | R |
| EY81 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6.3 | | | | 120 | | B9A | R |
| EY82 | 001 230 009 0000 | 00 | **1 23* **8 | | 6.3 | | | | 180 | | B9A | R |
| EY83 | 000 230 009 0000 | 10 | *** 23* **8 | C | 6.3 | | | | | | B9A | D |
| EY84 | 001 230 000 0000 | 90 | **1 23* *** | D1 | 6 | | | | 120 | | B9A | R |
| EY86 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 6 | | | | 0.8 | | B9A | D |
| EY87 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 6.3 | | | | 0.8 | | B9A | D |
| EY88 | 000 230 009 0000 | 10 | *** 23* **8 | C1 | 6.3 | | | | 120 | | B9A | R |
| EY89 | 001 230 009 0000 | 00 | **1 23* **8 | | 6.3 | | | | 120 | | B9A | R |
| EY91 | 912 390 000 0000 | 00 | 812 380 000 | | 6 | | | | 60 | | B7G | R |
| EY92 | 002 390 100 0000 | 00 | 002 380 100 | | 6.3 | | | | 60 | | B7G | R |
| EY500 | 090 230 990 0000 | 10 | | | 6.3 | | | | 180 | | B9D | R |
| EY3000 | 023 100 000 0000 | 90 | 023 100 000 | D1 | 6.3 | | | | 120 | | 8SC | R |
| EY3000N | 023 100 000 0000 | 90 | 023 100 000 | D | 6.3 | | | | 120 | | 8SC | R |
| EYY13 | 230 239 0X0 0000 | 00 | 230 238 090 | | 6.3 | | | | 120 | | F8 | RR |
| EZ1 | 023 190 0X0 0000 | 00 | 023 180 090 | | 6 | | | | 30 | | 8SC | RR |
| EZ3 | 023 190 0X0 0000 | 00 | 023 180 090 | | 6 | | | | 60 | | 8SC | RR |
| EZ11 | X02 300 190 0000 | 00 | 902 300 180 | | 6 | | | | 30 | | F8 | RR |
| EZ12 | X02 300 190 0000 | 00 | 902 300 180 | | 6 | | | | 60 | | F8 | RR |
| EZ22 | 209 00X 130 0000 | 00 | 208 009 130 | | 6 | | | | 60 | | B8B | RR |
| EZ33 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 60 | | A08 | RR |
| EZ35 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| EZ40 | 290 00X 130 0000 | 00 | 280 *09 130 | | 6 | | | | 30 | | B8A | RR |
| EZ80 | X01 230 900 0000 | 00 | 7*1 23* 6** | | 6 | | | | 30 | | B9A | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE | |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-----------------------------|------|------|---|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | | |
| EZ81 | 901 230 X00 0000 | 00 | 7*1 23* 6** | | 6 | | | | 60 | | B9A | RR | |
| EZ82 | 901 230 X00 0000 | 00 | 8*1 23* 9** | | 6.3 | | | | 30 | | B9A | RR | |
| EZ90 | 902 30X 100 0000 | 00 | 802 309 100 | | 6.3 | | | | 30 | | B7G | RR | |
| EZ900 | 902 30X 100 0000 | 00 | 802 309 100 | | 6.3 | | | | 30 | | B7G | RR | |
| F2A11 | 802 301 470 0000 | 00 | 602 301 450 | | 6.3 | 6.5 | 250 | 250 | 100 | 18 | F8 | P | |
| F5 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 300 | | 40 | 6 | B4 | T | |
| F10 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 300 | | 30 | 5.5 | B4 | T | |
| F100 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 16 | 250 | 250 | 42 | 2.5 | B5 | P | |
| F109 | 284 300 000 0000 | 00 | 264 300 000 | | 1.5 | 14.5 | 200 | | 6.2 | 11.5 | UX4 | T | |
| F109A | 284 300 000 0000 | 00 | 642 300 000 | | 1.5 | 14.5 | 200 | | 6.2 | 1.2 | B5 | T | |
| F109A | 842 300 000 0000 | 00 | 264 300 000 | | 1.5 | 14.5 | 200 | | 6.3 | 1.2 | UX4 | T | |
| F203 | 842 300 000 0000 | 00 | 264 300 000 | | 2.5 | 50 | 300 | | 36 | 2 | UX4 | T | |
| F203 | 284 300 000 0000 | 00 | 642 300 000 | | 2.5 | 56 | 300 | | 36 | 2 | B4 | P | |
| F209 | 842 300 000 0000 | 00 | 642 300 000 | | 2.5 | 21 | 250 | | 5.2 | 0.9 | B4 | T | |
| F209 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 21 | 250 | | 5.2 | 0.9 | UX4 | T | |
| F209A | 842 310 000 0000 | 00 | 642 310 000 | | 2.5 | 21 | 250 | | 5 | 1 | B5 | T | |
| F215 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 6 | 150 | | 6.5 | 2 | UX5 | T | |
| F215 | 842 310 000 0000 | 00 | 642 310 000 | | 2.5 | 6 | 150 | | 6.5 | 2 | B5 | T | |
| F242 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 1.3 | 200 | 100 | 1.5 | 0.9 | UX5 | P | |
| F410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 300 | | 13.5 | 2.8 | B4 | T | |
| F443 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 30 | 400 | 200 | 45 | 3.2 | B5 | P | |
| F460 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 250 | | 10 | 5.5 | B5 | T | |
| F704 | 842 300 000 0000 | 00 | 642 300 000 | | 7.5 | 84 | 400 | | 55 | 2.1 | B5 | T | |
| F707 | 842 300 000 0000 | 00 | 642 300 000 | | 7.5 | 84 | 400 | | 55 | 2.1 | B4 | T | |
| F707 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 84 | 400 | | 55 | 2.1 | UX4 | T | |
| F708 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 44 | 400 | | 16 | 1.6 | UX4 | T | |
| F/7001 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | | 150 | 125 | 35 | 4.8 | B7G | P | |
| FC2 | | | 645 230 700 | G1 | 2 | [| 150 | 50 | 2 | | | | |
| | | | | | | | 150 | 75 | 0.9 | 0.2 | B7 | O | |
| FC2A | | | 645 230 700 | G1 | 2 | [| 150 | 50 | 1.2 | | B7 | O | |
| | | | | | | | 150 | 50 | 0.7 | 0.3 | | | |
| FC4 | | | 645 231 700 | G1 | 4 | [| 4 | 90 | 90 | 2 | 1 | B7 | O |
| | | | | | | | 4 | 250 | 90 | 1.6 | 1 | | |
| FC13 | | | 023 164 570 | G1 | 13 | [| 3 | 90 | 75 | 2 | 1.3 | 8SC | O |
| | | | | | | | 2 | 200 | 75 | 2.6 | 0.6 | | |
| FC13C | | | 645 231 700 | G1 | 13 | [| 3 | 90 | 75 | 2 | 1.3 | B7 | O |
| | | | | | | | 2 | 200 | 75 | 2.6 | | | |
| FC141 | | | 207 640 530 | G1 | 1.4 | | 90 | 90 | 0.5 | | M08 | H | |
| FH2118 | 187 472 300 0000 | 40 | 165 452 300 | G1 | 20 | 2 | 200 | 80 | 3 | | C7 | P | |
| FT4 | 028 740 310 0000 | 00 | 026 540 310 | | 4 | 6 | 250 | 250 | 0.5 | †1.0 | A08 | TI | |
| FW1 | 9X3 200 000 0000 | 00 | 893 200 000 | | 4 | | | | 30 | | B4 | RR | |
| FW3 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR | |
| FW4/500 | 9X2 300 000 0000 | 00 | 982 300 000 | | 4(5) | | | | 120 | | B5 | RR | |
| FW4/800 | X92 300 000 0000 | 00 | 982 300 000 | | 4(5) | | | | 60 | | B5 | RR | |
| FY | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 10 | 250 | 250 | 32 | 5 | B5 | P | |
| FZ1 | 023 190 0X0 0000 | 00 | 023 180 090 | | 13 | | | | 30 | | 8SC | RR | |
| G | 284 300 000 0000 | 00 | 264 300 000 | | 5 | 3 | 200 | | 0.2 | | UX4 | T | |
| G/6C4 | 802 384 100 0000 | 00 | 602 364 100 | | 6.3 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T | |
| G/25L6 | 028 740 310 0000 | 00 | 026 540 310 | | 25 | 8.2 | 200 | 125 | 46 | 8 | A08 | P | |
| G/50C5 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P | |
| G84 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 60 | | UX4 | R | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| G407 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.3 | B4 | T |
| G431 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B5 | RR |
| G459 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| G460 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| G470 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| G504 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| G660 | 023 1X0 090 0000 | 00 | 023 190 080 | | 6.3 | | | | 30 | | 8SC | RR |
| G715 | 902 300 000 0000 | 00 | 802 300 000 | | 7.5 | | | | 120 | | B4 | T |
| G837 | 207 411 300 0000 | 80 | 204 411 300 | A1 | 12.6 | 85 | 400 | | 60 | 3.5 | B7G | P |
| G1380 | 023 190 0X0 0000 | 00 | 023 180 090 | | 12 | | | | 30 | | 8SC | RR |
| G1404 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| G1503 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | RR |
| G2004 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| G2005 | 9X2 300 000 0000 | 00 | 892 300 000 | | 5 | | | | 60 | | B4 | RR |
| G2080 | 902 310 000 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| G2080 | 023 100 090 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| G2504 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| G3060 | 123 1X0 090 0000 | 00 | 123 190 080 | | 30 | | | | 60 | | 8SC | RR |
| G4004 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | R |
| G4100 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| G4120 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B5 | RR |
| G4120N | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | R |
| G4180 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| G/5749 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| G/5750 | 412 388 400 0000 | 00 | 412 366 400 | | 6 | 2 | 100 | | 11 | 7 | B7G | H |
| G/6042 | 481 581 230 0000 | 00 | 461 471 230 | | 25 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| G6059 | 041 230 871 0000 | 00 | 041 230 651 | | 6 | 3 | 250 | 100 | 2 | 1.2 | B7G | P |
| G/6060 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9G | TT |
| G/6061 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 13 | 300 | 225 | 35 | 3.7 | B9A | P |
| G/6062 | 801 237 144 0000 | 00 | 601 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |
| G6066 | 412 39X 800 0000 | 00 | 412 389 600 | | 6 | 3 | 250 | 250 | 1 | 1.2 | B7G | DDT |
| G/6100 | 802 384 100 0000 | 00 | 602 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| G/6132 | 041 230 871 0000 | 00 | *41 230 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | P |
| G/6157 | 001 230 000 0000 | 90 | **1 23* *** | D1 | 6 | | | | 120 | | B9A | R |
| G/6158 | 854 228 413 0000 | 00 | 644 226 413 | | 6 | 4.5 | 250 | | 6 | 2.3 | B9A | TT |
| G/6180 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| G/6516 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| GG1 | 299 00X X30 0000 | 00 | 288 009 930 | | 4 | | | | 30 | | B8B | RR |
| GN24 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| □GT1C | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | 48 | 3K | B5 | THY |
| GY11 | 333 022 200 0000 | 90 | 333 022 200 | D1 | 2.5 | | | | 30 | | F8 | R |
| GY501 | 200 320 032 0000 | 90 | | | 3.15 | | | | | | B9D | D |
| GZ30 | 020 X09 030 0000 | 00 | 020 908 030 | | 5 | | | | 60 | | A08 | RR |
| GZ31 | 020 X09 030 0000 | 00 | 020 908 030 | | 5 | | | | 120 | | A08 | RR |
| GZ32 | 030 90X 020 0000 | 00 | 030 809 020 | | 5(5.7) | | | | 60 | | A08 | RR |
| GZ33 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 120 | | A08 | RR |
| GZ37 | 030 X09 020 0000 | 00 | 030 908 020 | | 5(5.7) | | | | 120 | | A08 | RR |
| GZ40 | 290 00X 130 0000 | 00 | 28* **9 130 | | 5 | | | | 30 | | B8A | RR |
| H2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 150 | | 2.5 | 0.8 | B4 | T |
| H2D | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1.5 | 150 | | 3.5 | 1.3 | B5 | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| H4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.3 | B4 | T |
| H4D | 90X 231 800 0000 | 40 | 216 809 300 | G1 | 4 | 3 | 200 | | 4.5 | 2.7 | B7 | DDT |
| H4D | 218 90X 300 0000 | 40 | 809 231 600 | G1 | 4 | 2.5 | 200 | | 5.5 | 2.7 | B7 | DDT |
| H12 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.3 | 100 | | 0.6 | 1 | SM4 | T |
| H13 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 4 | 200 | | 6 | 2.5 | A08 | T |
| H20 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 1.6 | 200 | | 0.2 | 1 | B5 | T |
| H30 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 1.5 | 250 | | 7.5 | 6 | B7 | T |
| H42 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 4 | 2 | 250 | | 1 | 1.5 | B7 | T |
| H42 | 218 000 300 0000 | 40 | 216 000 300 | G1 | 4 | 2 | 250 | | 1 | 1.5 | B7 | T |
| H63 | 020 800 310 0000 | 40 | 020 600 310 | G1 | 6.3 | 2 | 250 | | 1 | 1.6 | A08 | T |
| H141D | 208 090 030 0000 | 40 | 206 080 030 | G1 | 1.4 | 1 | 90 | | 0.1 | 0.2 | M08 | DT |
| H145 | 287 024 300 0000 | 00 | 265 024 300 | | 1.4 | 2 | 90 | 90 | 0.3 | 0.42 | B7G | P |
| H210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1.1 | 1.1 | B4 | T |
| H406D | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1.5 | 200 | 75 | 4 | 0.8 | B4 | P |
| H407spec. | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | B4 | T |
| H410 | 842 300 000 0000 | 00 | | | 4 | 3 | 150 | | 0.5 | 0.6 | B4 | T |
| H410D | | | 642 300 000 | | 4 | 3 | 150 | | 0.5 | 0.6 | B4 | T |
| H412 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 5 | 1.2 | B4 | T |
| H607 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1 | 100 | | | 0.4 | B4 | T |
| H1818D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| H1918D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| H2518D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.5 | 250 | 100 | 3.5 | 2 | B5 | P |
| H2618D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.5 | 250 | 100 | 5 | 2 | B5 | P |
| H4080D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 4 | 2.5 | B5 | P |
| H4111D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.5 | 250 | 100 | 3.5 | 2 | B5 | P |
| H4125D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 6 | 1 | B5 | P |
| H4129D | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.5 | 250 | 100 | 5 | 2 | B5 | P |
| HAA91 | 192 310 X00 0000 | 00 | 182 310 900 | | 12 | | | | | | B7G | DD |
| HABC80 | 9Y1 23X 148 0000 | 00 | 811 239 146 | | 19 | 3 | 250 | | 1 | 1.2 | B9A | DDDT |
| HAD | X09 231 800 0000 | 40 | 908 231 600 | G1 | 13 | 2.5 | 200 | | 3.3 | 2 | B7 | DDT |
| HBC90 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.5 | 3 | 250 | | 1 | 1.2 | B7G | DDT |
| HBC91 | 412 39X 800 0000 | 00 | 412 389 600 | | 12.5 | 2 | 250 | | 1.2 | 1.6 | B7G | DDT |
| HCH81 | 751 238 584 0000 | 00 | 541 237 464 | | 12.6 | [2.5 | 100 250 | 90 | 4 3 | 2 0.6 | B9A | TH |
| HD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 5 | 200 | | 5 | 1 | B4 | T |
| HD2 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 2.5 | 150 | | 3.5 | 1.3 | B5 | DDT |
| HD14 | 038 090 200 0000 | 40 | 036 080 200 | G1 | 1.4 | 0 | 90 | | 0.1 | 0.2 | A08 | DT |
| HD21 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1.5 | 150 | | 1.8 | 1.5 | B5 | DDT |
| HD22 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 2 | 150 | | 1.8 | 1.5 | B5 | DDT |
| HD23 | 982 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1 | 150 | | 1 | 1 | B5 | DDT |
| HD23 | 892 3X0 000 0000 | 40 | 862 390 000 | G1 | 2 | 2 | 150 | | 1 | 1.4 | B5 | DDT |
| HD24 | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1.5 | 150 | | 0.8 | 1 | B5 | DDT |
| HD30 | 724 332 800 0000 | 00 | 524 332 600 | | 1.2 | 75 | 150 | 125 | | 1.7 | B7G | P |
| HD93 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 1.2 | | | | 1 | | B9A | D |
| HD96 | 021 040 310 0000 | 80 | 021 040 310 | A1 | 25 | 22.5 | 250 | 150 | 55 | 5.5 | A08 | P |
| HF61 | 280 074 130 0000 | 00 | 26* *54 130 | | 6.3 | 2.6 | 250 | 100 | 6 | 2.2 | B8A | P |
| HF62 | 280 174 130 0000 | 00 | 260 154 130 | | 6.3 | 2 | 250 | 250 | 10 | 9 | B8A | P |
| HF85 | 141 230 871 0000 | 00 | 141 230 651 | | 12.5 | 2.3 | 200 | 125 | 11.4 | 6.1 | B9A | P |
| HF93 | 412 387 100 0000 | 00 | 412 365 100 | | 12.5 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| HF121 | 280 074 130 0000 | 00 | 26* 054 130 | | 12.5 | 3 | 200 | 125 | 1.2 | 2.3 | B8A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| HK90 | 412 388 100 0000 | 00 | 412 365 100 | | 6.3 | 0 | 100 | 100 | 11 | 7 | B7G | H |
| HL2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2.2 | 1.5 | B4 | T |
| HL2 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 1.5 | 150 | | 2.2 | 1.5 | 8SC | T |
| HL2K | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2.2 | 1.5 | B4 | T |
| HL2S | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 1.5 | 150 | | 2.2 | 1.5 | 8SC | T |
| HL3 | 208 040 030 0000 | 00 | 206 040 030 | | 2 | 1.5 | 125 | | 0.5 | 1.5 | M08 | T |
| HL4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 250 | | 5 | 3.5 | B5 | T |
| HL4+ | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 4.5 | 250 | | 5 | 4.9 | B5 | T |
| HL4G | 000 231 800 0000 | 40 | 000 231 600 | G1 | 4 | 4.5 | 250 | | 5 | 3.5 | B7 | T |
| HL4GS | 023 100 080 0000 | 40 | 023 100 060 | G1 | 4 | 4.5 | 250 | | 5 | 3.5 | 8SC | T |
| HL13 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 13.7 | 200 | | 5 | 3.3 | 8SC | T |
| HL13 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 2.7 | 200 | | 6 | 3.5 | B7 | T |
| HL13C | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 3.7 | 200 | | 5 | 3.3 | B7 | T |
| HL13G | 023 004 080 0000 | 40 | 023 004 060 | G1 | 13 | 5.5 | 250 | | 6 | 2.5 | 8SC | T |
| HL13S | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 3 | 200 | | 6 | 3.5 | 8SC | T |
| HL21 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1.7 | 1.5 | B4 | T |
| HL21DD | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 2 | 150 | | 2 | 1.3 | B5 | DDT |
| HL22 | 208 040 030 0000 | 00 | 206 040 030 | | 2 | 2 | 150 | | 2 | 1.3 | M08 | T |
| HL22DD | 208 090 X30 0000 | 40 | 206 080 930 | G1 | 2 | 2 | 150 | | 2 | 1.3 | M08 | DDT |
| HL23 | 208 040 030 0000 | 00 | 206 040 030 | | 2 | 1.5 | 150 | | 1.5 | 1.2 | M08 | T |
| HL23DD | 208 090 X30 0000 | 40 | 206 080 930 | G1 | 2 | 1.5 | 150 | | 0.6 | 1.2 | M08 | DDT |
| HL41 | 218 040 030 0000 | 00 | 216 040 030 | | 4 | 3.1 | 250 | | 2.2 | 3.4 | M08 | T |
| HL41DD | 218 0X0 930 0000 | 40 | 216 090 830 | G1 | 4 | 3.1 | 250 | | 2.2 | 2.6 | M08 | DDT |
| HL42DD | 218 0X0 930 0000 | 40 | 216 090 830 | G1 | 4 | 0.2 | 200 | | 2.8 | 2.9 | M08 | DDT |
| HL84 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 30 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| HL90 | 412 387 400 0000 | 00 | 412 365 400 | | 19 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| HL92 | 142 347 800 0000 | 00 | 142 345 600 | | 50 | 7.5 | 150 | 125 | 49 | 7.5 | B7G | P |
| HL94 | 142 347 800 0000 | 00 | 142 345 600 | | 30 | 6.7 | 100 | 100 | 43 | 9.2 | B7G | P |
| HL133 | 218 000 030 0000 | 40 | 216 000 030 | G1 | 13 | 3.3 | 200 | | 6 | 2.9 | M08 | T |
| HL133DD | 218 0X0 930 0000 | 40 | 216 090 830 | G1 | 13 | 2.5 | 200 | | 1.5 | 2.5 | M08 | DDT |
| HL134DD | 218 090 X30 0000 | 40 | 216 080 930 | G1 | 13 | 5 | 250 | | 7 | 2.5 | M08 | DDT |
| HL210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 100 | | 1.1 | 0.7 | B4 | T |
| HL410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 6 | 150 | | 1.2 | 0.8 | B4 | T |
| HL607 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1 | 100 | | | 1 | B4 | T |
| HL1320 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 13 | 3.3 | 200 | | 6 | 3 | B7 | T |
| HLA1 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1 | 200 | | 5 | 8 | B5 | T |
| HLA2 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 6 | 5.5 | B5 | T |
| HLB1 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 2 | 1.5 | B5 | T |
| HL/DD1320 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 3 | 200 | | 4.3 | 1.9 | B7 | DDT |
| HM20 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 3.3 | 250 | | 6 | 2.5 | B5 | T |
| HM71 | 271 084 130 0000 | 00 | 251 064 130 | | 12.6 | 15 | 200 | 200 | 0.4 | †5.0 | B8B | TI |
| HM85 | 401 237 80X 0000 | 00 | 401 235 607 | | 12.6 | 18 | 250 | 200 | 0.5 | †0.47 | B9A | TI |
| HN309 | 841 238 175 0000 | 00 | 641 237 154 | | 12 | [9 | 250 | | 2.8 | | | |
| | | | | | | 150 | 150 | | 24 | 5.6 | B9A | TP |
| HP2 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 8.5 | | B7 | TT |
| HP6 | 412 381 700 | 00 | 412 361 500 | | 6 | [2 | 250 | 250 | 10 | 7.5 | | |
| | | | | | | 1.5 | 200 | 150 | 4 | 6.4 | B7G | PP |
| HP13 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 1 | 250 | 100 | 8 | 3.5 | B7 | P |
| HP13S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 1 | 250 | 100 | 8 | 3.5 | 8SC | P |
| HP210 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 150 | 1.9 | 1.9 | B4 | P |
| HP210 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 150 | 1.9 | 1.9 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|-----|------------|------------|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| HP210NC | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 150 | 1.9 | 1.9 | B4 | P |
| HP210NC | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 150 | 1.9 | 1.9 | B7 | P |
| HP211 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 150 | 2.6 | 1.7 | B7 | P |
| HP211C | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 150 | 2.6 | 1.7 | B4 | P |
| HP215 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 80 | 1.5 | 1.2 | B4 | P |
| HP215 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 80 | 1.5 | 1.2 | B7 | P |
| HP415 | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 8 | 2.7 | B7 | P |
| HP417 | 041 231 700 0000 | 80 | | | 4 | 2 | 250 | 100 | 8 | 2.7 | B7 | P |
| HP1018 | 180 172 300 0000 | 40 | 160 152 300 | G1 | 10 | 3 | 250 | 100 | 2.3 | 1.3 | B7 | P |
| HP1118 | 180 172 300 0000 | 40 | 160 152 300 | G1 | 10 | 3 | 250 | 100 | 8.2 | 1.6 | B7 | P |
| HP2018 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 4 | 3.5 | B5 | P |
| HP2018 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 20 | 2 | 200 | 100 | 4 | 3.5 | B7 | P |
| HP2118 | 742 310 000 0000 | 80 | 041 230 500 | A1 | 20 | 2 | 200 | 100 | 5 | 3.5 | B7 | P |
| HP2118 | 041 230 700 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 5 | 3.5 | B5 | P |
| HP4100 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 3.5 | B5 | P |
| HP4101 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 3.5 | 3.5 | B7 | P |
| HP4101 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3.5 | 3.5 | B5 | P |
| HP4101C | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3.5 | 2.8 | B5 | P |
| HP4101C | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 3.5 | 2.8 | B7 | P |
| HP4105 | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 100 | 4.5 | 3 | B5 | P |
| HP4105 | | | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 4.5 | 3 | B7 | P |
| HP4106 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 5 | 3.5 | B7 | P |
| HP4106 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 5 | 3.5 | B5 | P |
| HP4106C | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 5 | 3.5 | B7 | P |
| HP4106C | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 5 | 3.5 | B5 | P |
| HP4115 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 4.3 | 2.2 | B7 | P |
| HP4115 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4.3 | 3.2 | B5 | P |
| HPT | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 1.5 | 250 200 | 250 150 | 10 4 | 7.5 6.4 | B7G | P |
| HR1 | 200 300 000 0000 | 90 | 2** 3** *00 | D1 | 0.6 | | | | 0.05 | | B7G | D |
| HR2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 150 | | 12 | 0.6 | B4 | T |
| HR2 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 5 | | B7G | R |
| HR2S | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 2 | 150 | | 1.2 | 0.6 | 8SC | T |
| HR3 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 15 | | B7G | R |
| HR4 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 30 | | B7G | R |
| HR6 | 030 000 020 0000 | 90 | 030 000 020 | D1 | 4 | | | | 60 | | A08 | R |
| HR7 | 020 000 030 0000 | 90 | 020 000 030 | D1 | 4 | | | | 30 | | A08 | R |
| HR8 | 030 000 020 0000 | 90 | 030 000 020 | D1 | 4 | | | | 30 | | A08 | R |
| HR11 | 020 000 030 0000 | 90 | 020 000 030 | D1 | 4 | | | | | | A08 | D |
| HR210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 200 | | 1 | 1.3 | B4 | T |
| HR406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 200 | | 1 | 1.5 | B4 | T |
| HR410 | 841 300 000 0000 | 00 | 641 300 000 | | 4 | 3 | 200 | | 1 | 1.5 | B4 | T |
| HSD | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 3 | 200 | | 6 | 2.7 | B7 | DDT |
| HVR1 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 5 | | B4 | R |
| HVR2 | 003 200 000 0000 | 90 | 003 200 000 | D1 | 4 | | | | 3 | | B4 | R |
| HVR2A | 003 200 000 0000 | 90 | 003 200 000 | D1 | 2(2.5) | | | | 3 | | B4 | R |
| HVU1 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 3 | | B4 | R |
| HY24 | 284 300 000 0000 | 00 | 264 300 000 | | 2 | 45 | 200 | | 20 | | UX4 | T |
| HY61 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 14 | 300 | 250 | 83 | 6.5 | UX5 | P |
| HY65 | 030 740 210 0000 | 80 | 030 540 210 | A1 | 6 | 45 | 350 | 200 | 63 | | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|-----------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| HY90 | 002 393 100 0000 | 00 | 002 383 100 | | 27.5 | | | | 60 | | B7G | R |
| HY113 | 284 030 000 0000 | 00 | 264 030 000 | | 1.4 | 4.5 | 60 | | 0.4 | 0.2 | UX5 | T |
| HY125 | 384 720 000 0000 | 00 | 364 520 000 | | 1.4 | 3 | 60 | 50 | 0.9 | 0.3 | UX5 | P |
| HY615 | 020 000 310 0000 | 84 | 020 000 310 | A1/G1 | 6 | 35 | 300 | | 20 | | A08 | T |
| HY866 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 120 | | UX4 | R |
| HZ50 | 290 300 000 0000 | 00 | 280 300 000 | | 13 | | | | 60 | | UX4 | R |
| IF860 | 141 230 871 0000 | 00 | 141 230 651 | | 20 | | 200 | 200 | 8.5 | 6.6 | B9A | P |
| IL861 | 041 230 871 0000 | 00 | 041 230 651 | | 20 | | 200 | 200 | 20 | 11 | B9A | P |
| IRV120/ 350S | 023 190 0X0 0000 | 00 | 023 180 090 | | 4 | | | | 60 | | 8SC | RR |
| IW2 | 9X3 200 000 0000 | 00 | 893 200 000 | | 4 | | | | 30 | | B4 | RR |
| IW2A | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| IW3 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| IW4/500 | 9X3 200 000 0000 | 00 | 893 200 000 | | 4(5) | | | | 60 | | B4 | RR |
| K2/DD | 892 3X0 000 0000 | 40 | | | 2 | 3.8 | 150 | | 4 | 1.6 | B5 | DDT |
| K4 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| K23A | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 5.5 | 150 | | 2.5 | 1.4 | B5 | DDT |
| K23B | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 1.5 | 150 | | 1.4 | 1.2 | B5 | DDT |
| K24 | 287 130 000 0000 | 40 | 265 130 000 | G1 | 2.5 | 1.5 | 200 | 75 | 2 | 0.8 | UX5 | P |
| K27 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 4.5 | 90 | | 3 | 1 | UX5 | T |
| K30A | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1.5 | 0.8 | B4 | T |
| K30B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 4 | 0.9 | B4 | T |
| K30C | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2 | 1.4 | B4 | T |
| K30D | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 4 | 1.5 | B4 | T |
| K30E | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 2 | 1.5 | B4 | T |
| K30G | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7 | 150 | | 6 | 3.5 | B4 | T |
| K33A | 084 235 800 0000 | 00 | 064 234 700 | | 2 | 0 | 150 | | 3 | | B7 | TT |
| K33B | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1.5 | 125 | | 3 | 2.1 | B7 | TT |
| K40B | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 75 | 2 | 1.5 | B4 | P |
| K40N | 041 230 700 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 90 | 2.5 | 1.4 | B4 | P |
| K40M | 742 300 000 0000 | 80 | 041 230 500 | A1 | 2 | | 150 | 90 | 2.5 | 1.4 | B7 | P |
| K50M | 041 231 700 0000 | 80 | 041 231 500 | A1 | 2 | 5 | 150 | 125 | 3 | 1.5 | B7 | P |
| K50N | 084 237 700 0000 | 40 | 064 235 500 | G1 | 2 | 1.5 | 150 | 60 | 2 | 1.4 | B7 | P |
| K70B | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B5 | P |
| K70D | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 2.4 | 150 | 150 | 5 | 4 | B5 | P |
| K77A | 487 230 785 0000 | 00 | 465 230 574 | | 2 | 10.5 | 150 | 150 | 2.5 | 4 | B9 | PP |
| K77B | 548 237 800 0000 | 00 | 446 235 700 | | 2 | 11.7 | 150 | 150 | 3.8 | | B7 | PP |
| K80A | | | 645 230 700 | G1 | 2 | [| 150 | 50 | 2 | | B7 | O |
| K80B | | | 645 230 700 | G1 | 2 | [| 150 | 75 | 1 | | | |
| K435/10 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 300 | | 50 | 5 | B4 | T |
| K450/50 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 50 | 400 | | 120 | 5 | B4 | T |
| K1658 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 7 | 25 | 400 | 225 | 50 | 3.2 | B5 | P |
| K1694 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3.5 | 200 | | 6 | 2.6 | B4 | T |
| KBC1 | | | 023 098 060 | G1 | 2 | 4.5 | 150 | | 2.5 | 1 | 8SC | DDT |
| KBC32 | 038 X90 200 0000 | 40 | 036 980 200 | G1 | 2 | | 100 | | 2.4 | 1.2 | A08 | DDT |
| KC1 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 1.5 | 150 | | 1.2 | 0.6 | 8SC | T |
| KC3 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 2.8 | 150 | | 3 | 2.5 | 8SC | T |
| KC4 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 1.5 | 150 | | 2.2 | 1.4 | 8SC | T |
| KC50 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 40 | | 0.2 | 0.4 | SM4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|--------------|------------|----------|------------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| KC51 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 40 | | 1.2 | 0.5 | SM4 | T |
| KCF30 | [038 748 200 0000 038 750 200 0000 | 50 50] | 037 546 200 | G1 | 2 | [1.0 2.5 | 100 150 | 80 | 3.7 1.5 | 1.6 0.9 | A08 | TP |
| KCH1 | [023 084 780 0000 023 005 780 0000 | 50 50] | 023 064 570 | G1 | 2 | [0.5 5 | 90 90 | 60 | 3 1 | 1.5 0.9 | 8SC | TH |
| KD50 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.8 | 40 | | 1.8 | 0.6 | SM4 | T |
| KDD1 | 023 084 580 0000 | 00 | 023 074 460 | | 2 | | 90 | | 0.8 | 0.8 | 8SC | TT |
| KE50 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 2 | 150 | 50 | 0.8 | 0.6 | Sm4 | P |
| KF1 | 070 412 300 0000 | 80 | 050 412 300 | A1 | 2 | 1 | 150 | 150 | 3 | 1.8 | C7 | P |
| KF2 | 070 412 300 0000 | 80 | 050 412 300 | A1 | 2 | 1 | 150 | 150 | 3 | 1.3 | C7 | P |
| KF3 | 023 010 780 0000 | 40 | 023 010 560 | G1 | 2 | 1 | 90 | 90 | 1 | 0.5 | 8SC | P |
| KF4 | 023 010 780 0000 | 40 | 023 010 560 | G1 | 2 | 1 | 90 | 90 | 1.2 | 0.7 | 8SC | P |
| KF7 | 023 004 700 0000 | 80 | 023 004 500 | A1 | 2 | 1.5 | 90 | 90 | 1.8 | 0.7 | 8SC | P |
| KF8 | 023 004 700 0000 | 80 | 023 004 500 | A1 | 2 | 1 | 90 | 90 | 1.5 | 0.6 | 8SC | P |
| KF35 | 028 710 300 0000 | 40 | 026 510 300 | G1 | 2 | 1.5 | 150 | 60 | 1.4 | 1.1 | A08 | P |
| KH1 | 023 071 780 0000 | 40 | 023 051 560 | G1 | 2 | 1.5 | 90 | 60 | 2.1 | 1.4 | 8SC | P |
| KK2 | 023 084 780 0000 | 40 | 023 064 560 | G1 | 2 | 1 | 90 | 50 | 2 | | 8SC | O |
| KK2G | 028 748 300 0000 | 40 | 026 546 300 | G1 | 2 | 1 | 90 | 50 | 2 | | A08 | O |
| KK32 | | | 037 546 200 | G1 | 2 | [| 150 150 | 50 50 | 2.1 0.7 | | A08 | O |
| KL1 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 90 | 90 | 8 | 1.7 | B5 | P |
| KL1 | 032 004 780 0000 | 00 | 032 004 560 | | 2 | 4.5 | 90 | 90 | 8 | 1.7 | 8SC | P |
| KL2 | 023 004 780 0000 | 00 | 023 004 560 | | 2 | 7.5 | 90 | 90 | 11 | 1.8 | 8SC | P |
| KL4 | 023 004 780 0000 | 00 | 023 004 560 | | 2 | 2.5 | 100 | 100 | 5 | 2 | 8SC | P |
| KL4G | 038 740 200 0000 | 00 | 036 540 200 | | 2 | 2.5 | 90 | 90 | 4.7 | 1.8 | A08 | P |
| KL5 | 032 004 780 0000 | 00 | 032 004 560 | | 2 | 4 | 90 | 90 | 4.8 | 1.4 | 8SC | P |
| KL35 | 038 740 200 0000 | 00 | 036 540 200 | | 2 | 4.5 | 150 | 150 | 5.6 | 2.2 | A08 | P |
| KLL3 | 523 784 780 0000 | 00 | 423 564 570 | | 2 | 12 | 150 | 150 | 8 | | 8SC | PP |
| KLL32 | 028 548 370 0000 | 00 | 026 447 350 | | 2 | 11.3 | 150 | 150 | 3.8 | 2.6 | A08 | PP |
| KM84 | 401 237 808 0000 | 00 | 4*1 235 6*6 | | 4.2 | 22 | 250 | 250 | 0.5 | 10.5 | B9A | TI |
| KR5 | 284 730 000 0000 | 00 | 264 530 000 | | 6 | 9 | 150 | 150 | 14 | 1.9 | UX5 | P |
| KR20 | 284 413 000 0000 | 00 | 264 413 000 | | 2.5 | | 250 | | 3.5 | 1.4 | UX6 | T |
| KR22 | 284 413 000 0000 | 00 | 264 413 000 | | 6 | | 250 | | 3.5 | 1.4 | UX6 | T |
| KR25 | 284 413 000 0000 | 00 | 264 413 000 | | 2.5 | 16.5 | 250 | 250 | 34 | 2.2 | UX6 | P |
| KR28 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX5 | RR |
| KR31 | 291 300 000 0000 | 00 | 281 300 000 | | 10 | | | | 120 | | UX4 | R |
| KT2 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 7.5 | 2.5 | B5 | P |
| KT8 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 6 | 16 | 250 | 250 | 72 | 6 | B5 | P |
| KT16 | 028 740 230 0000 | 00 | 026 540 230 | | 1.4 | 4.5 | 90 | 90 | 8.8 | 1.9 | A08 | P |
| KTKT21 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 2.5 | 150 | 125 | 5.3 | 5.3 | B5 | P |
| KT24 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 3.5 | 150 | 125 | 5 | 3.2 | B5 | P |
| KT30 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 12 | 250 | 250 | 40 | 3.9 | B7 | P |
| KT31 | 307 221 800 0000 | 40 | 305 221 600 | G1 | 13 | 4 | 200 | 175 | 40 | 10 | B7 | P |
| KT32 | 028 740 310 0000 | 00 | 026 540 310 | | 26 | 7.6 | 150 | 150 | 75 | 9 | A08 | P |
| KT33 | 328 740 210 0000 | 00 | 326 540 210 | | 13 | 13.2 | 200 | 200 | 60 | 10 | A08 | P |
| KT33C | 328 740 210 0000 | 00 | 326 540 210 | | 13 | 7 | 200 | 175 | 92 | 10 | A08 | P |
| KT35 | 328 740 210 0000 | 00 | 326 540 210 | | 13 | 11.5 | 200 | 200 | 50 | 10 | A08 | P |
| KT36 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 26 | 10 | 150 | 150 | 60 | 11 | A08 | P |
| KT41 | 047 231 800 0000 | 00 | 045 231 600 | | 4(5) | 4.4 | 250 | 250 | 40 | 10.5 | B7 | P |
| KT42 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 16.5 | 250 | 250 | 34 | 2.5 | B7 | P |
| KT44 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4(5) | 25 | 250 | 250 | 85 | 6.3 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| KT55 | 028 740 310 0000 | 00 | *26 540 310 | | 52 | 15 | 150 | 150 | 88 | 16 | A08 | P |
| KT61 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 4.4 | 250 | 250 | 40 | 10.5 | A08 | P |
| KT63 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | A08 | P |
| KT66 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 15 | 250 | 250 | 65 | 6.3 | A08 | P |
| KT67 | 278 001 403 0000 | 00 | 256 001 403 | | 6 | 9 | 250 | 175 | 80 | 13 | B9G | P |
| KT71 | 028 740 310 0000 | 00 | 026 540 310 | | 48 | 9.8 | 200 | 175 | 70 | 10 | A08 | P |
| KT72 | 028 740 310 0000 | 00 | 026 540 310 | | 16 | 12.5 | 200 | 175 | 30 | 2.5 | A08 | P |
| KT73 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 4.5 | 200 | 175 | 35 | 2.5 | A08 | P |
| KT74 | 028 740 310 0000 | 00 | 026 540 310 | | 16 | 12.5 | 200 | 175 | 30 | 2.5 | A08 | P |
| KT76 | 028 740 310 0000 | 00 | 026 540 310 | | 15 | 13 | 200 | 175 | 35 | 2.5 | A08 | P |
| KT77 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | | 250 | 250 | 100 | 11.5 | A08 | P |
| KT81 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 4.4 | 250 | 250 | 40 | 10.5 | B8B | P |
| KT88 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 20 | 250 | 250 | 57 | 8 | A08 | P |
| KT101 | 287 004 130 0000 | 00 | 265 004 130 | | 80 | 9.5 | 200 | 175 | 70 | 10 | B8B | P |
| KTW61 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 4 | 250 | 100 | 10 | 2.9 | A08 | P |
| KTW62 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 8 | 2.8 | A08 | P |
| KTW63 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 7.6 | 1.5 | A08 | P |
| KTW73 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 6.5 | 1.7 | A08 | P |
| KTW73M | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 6.5 | 1.7 | A08 | P |
| KTW74 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 13 | 3 | 250 | 100 | 7.6 | 1.5 | A08 | P |
| KTW74M | 028 700 310 0000 | 40 | 026 500 310 | G1 | 13 | 3 | 250 | 100 | 7.6 | 1.5 | A08 | P |
| KTZ41 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 250 | 250 | 18 | 12 | B7 | P |
| KTZ63 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| KTZ73 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.5 | A08 | P |
| KTZ73M | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.5 | A08 | P |
| KZ | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| L2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 9 | 1.6 | B4 | T |
| L2/B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3.8 | 150 | | 4 | 1.5 | B4 | T |
| L2D | 842 310 000 0000 | 00 | 642 310 000 | | 2 | 4.5 | 150 | | 2 | 1.5 | B5 | T |
| L2/DD | | | 682 390 000 | G1 | 2 | 3.8 | 150 | | 4 | 1.6 | B5 | DDT |
| L4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 250 | | 20 | 3.2 | B4 | T |
| L5A/201K | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 3.3 | 200 | 200 | 7.1 | 4 | B7G | P |
| L5A/202F | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 3.3 | 200 | 200 | 7.1 | 4 | B7G/F | P |
| L5A/210K | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 5 | 100 | 100 | 12.5 | 4 | B7G | P |
| L5A/210F | 412 381 700 0000 | 00 | | | 6 | 5 | 100 | 100 | 12.5 | 4 | B7G/F | P |
| L5A/220K | 801 227 413 0000 | 00 | 601 225 413 | | 5 | 10 | 150 | 150 | 28 | 4.4 | B9A | P |
| L5B/280D | 028 741 310 0000 | 00 | *26 541 310 | | 6.3 | 8.5 | 150 | 150 | 200 | 13.5 | A08 | P |
| L11 | 842 300 000 0000 | 00 | 642 300 000 | | 1 | 12 | 100 | | 2.8 | 0.6 | B4 | T |
| L12 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 40 | | 2.2 | 0.8 | Sm4 | T |
| L21 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 6 | 150 | | 3.2 | 1.8 | B4 | T |
| L21DD | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 3 | 150 | | 5.2 | 1.8 | B5 | DDT |
| L22DD | 208 090 X30 0000 | 40 | 206 080 930 | G1 | 2 | 4.2 | 150 | | 4 | 1.6 | A08 | DDT |
| L30 | 042 231 800 0000 | 00 | 042 231 600 | | 13 | 8 | 200 | | 25 | 4.2 | B7 | T |
| L42MD | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 250 | 250 | 22 | 2.5 | B5 | P |
| L63 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | T |
| L77 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| L210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 150 | | | 0.9 | B4 | T |
| L408 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 5 | 1.5 | B4 | T |
| L410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4.3 | 1.5 | B4 | T |
| L412 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 1.5 | 200 | | 3 | 1.2 | B4 | T |
| L413 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 200 | | 12 | 1.8 | B4 | T |
| L414 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 12 | 2.8 | B4 | T |
| L415 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 10 | 200 | | 8 | 2 | B4 | T |
| L416D | 843 200 000 0000 | 70 | 643 200 000 | G2 | 4 | 13 | 250 | 80 | 12 | 1.4 | B4 | P |
| L427D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 42 | 300 | 200 | 20 | 1.5 | B5 | P |
| L486D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 15 | 250 | 250 | 35 | 2.7 | B5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------------|------------|-----|-------------|------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| L491 | | | 642 350 000 | | 4 | 40 | 400 | 200 | 30 | 1.8 | B5 | P |
| L491D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 200 | 30 | 1.8 | B5 | P |
| L495 | 942 370 000 0000 | 00 | 842 350 000 | | 4 | 30 | | | | 5 | B5 | D |
| L497D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 30 | 400 | 200 | 45 | 3.2 | B5 | P |
| L510D | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 17 | 200 | 150 | 12 | 1.3 | B5 | P |
| L2318 | 842 370 000 0000 | 00 | 642 350 000 | | 20 | 18 | 200 | 200 | 20 | 1.7 | B5 | P |
| L4150D | 842 310 000 0000 | 40 | 642 310 000 | G1 | 4 | 15 | 250 | 250 | 24 | 2.5 | B5 | P |
| LA | 384 720 000 0000 | 00 | 364 520 000 | | 6 | 12 | 200 | 175 | 22 | 2.2 | UX5 | P |
| LD210 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 3 | 1.3 | B4 | T |
| LD410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 6 | 200 | | 4 | 1.8 | B4 | T |
| LG5 | 219 0X0 130 0000 | 00 | 218 090 130 | | 6 | | | | 120 | | A08 | RR |
| LG6 | 219 0X0 130 0000 | 00 | 218 090 130 | | 12 | | | | 30 | | B8B | RR |
| LG14 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 6 | | | | 5 | | B3G | R |
| LK430 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 32 | 250 | | 20 | 1.9 | B4 | T |
| LK460 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 30 | 2.2 | B4 | T |
| LK4110 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 36 | 400 | | 30 | 2.7 | B4 | T |
| LK4112 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 21.6 | 250 | | 48 | 3.5 | B4 | T |
| LK4200 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 36 | 400 | | 45 | 4 | B4 | T |
| LL2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.5 | 150 | | 3 | 2.5 | B4 | T |
| LL2S | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 2.5 | 150 | | 3 | 2.6 | B9C | T |
| LL4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 10 | 350 | | 18 | 3.5 | B5 | T |
| LL610 | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 17 | 200 | 150 | 12 | 1.3 | B5 | P |
| LN119 | 415 238 175 0000 | 00 | 414 237 516 | | 50 | [0 16 | 100 200 | | 3.5 35 | 2.5 6.4 | B9A | TP |
| LN152 | 841 238 175 0000 | 00 | 641 237 154 | | 6 | [2.3 6.7 | 100 200 | | 4.0 15.0 | 1.4 3.2 | B9A | TP |
| LN309 | 841 238 175 0000 | 00 | 641 237 154 | | 12.5 | [8.5 8.0 | 250 200 | | 10.5 30 | 2.2 4.5 | B9A | TP |
| LN319 | 841 238 175 0000 | 00 | 641 237 154 | | 13 | [9 2 | 200 100 | | 10 14 | 3.4 5 | B9A | TP |
| LN329 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 2 | 100 200 | | 175 10 | 6.2 | B9A | TP |
| LP2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 10 | 3.6 | B4 | T |
| LP4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 36 | 250 | | 48 | 5.5 | B4 | T |
| LP25 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 31 | 400 | | 50 | 7.5 | B4 | T |
| LP220 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 5 | 3.5 | B4 | P |
| LS5 | 842 300 000 0000 | 00 | 642 300 000 | | 4.7 | 47 | 400 | | 25 | | B4 | T |
| LS5A | 842 300 000 0000 | 00 | 642 300 000 | | 5.2 | | 400 | | 33 | 0.9 | B4 | T |
| LS6A | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 91 | 400 | | 64 | 2.3 | B5 | T |
| LS7 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 21 | 2.4 | B5 | T |
| LS8 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | | 1.3 | B4 | T |
| LS8A | 842 300 000 0000 | 00 | 742 300 000 | | 4 | 8 | 150 | | 26 | 3 | B4 | T |
| LS9B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 8 | 0.6 | B4 | T |
| LS826 | 284 310 000 0000 | 00 | 246 310 000 | | 6.3 | 1.1 | 100 | | 7.5 | 5 | B8B | T |
| LU4A | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 200 | | 12 | 1.8 | B4 | T |
| LZ319 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2 2 | 100 200 | | 14 175 | 5 10 | B9A | TP |
| L496D | | | 642 350 000 | | | | | | | 6.2 | B5 | D |
| LZ329 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [2.0 2.0 | 100 200 | | 14 10 | 5 6 | B9A | TP |
| M0465 | | | 645 231 700 | G1 | 4 | [1.5 | 250 | 75 | 21.6 | | B7 | O |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| M0495 | | | 123 174 560 | G1 | 4 | [1.5 | 90 | | | | | |
| M3057 | 041 230 871 0000 | 00 | 041 230 651 | | 6.3 | 8.5 | 250 | 75 | 1.6 | | 85C | O |
| M8079 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | 4.5 | 200 | 200 | 30 | 9 | B9A | P |
| | | | | | | | | | 5 | | B7G | RR |
| M8080 | 802 384 100 0000 | 00 | 602 365 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| M8081 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | 0.8 | 100 | | 8.5 | 5.3 | B7G | TT |
| M8082 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12.4 | 250 | 250 | 16 | 2.6 | B7G | P |
| M8083 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2 | 250 | 250 | 10 | 7.65 | | |
| M8091 | 001 230 000 0000 | 90 | **1 23* *** | D1 | 6.3 | 1.5 | 200 | 150 | 4 | 6.4 | B7G | P |
| | | | | | | | | | 120 | | B9A | R |
| M8096 | 801 237 144 0000 | 00 | 601 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B7A | P |
| M8097 | 912 314 800 0000 | 00 | 812 314 600 | | 6 | 2.8 | 200 | | 7.5 | 2.8 | B7G | DT |
| M8099 | 412 314 800 0000 | 00 | 412 314 600 | | 6 | 2 | 250 | | 6 | 8.5 | B7G | T |
| M8100 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| M8101 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 1 | 250 | 100 | 11 | 4.4 | B7G | P |
| M8121 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| M8122 | 412 873 180 0000 | 00 | 412 653 160 | | 6 | 2 | 100 | 100 | 7.5 | 5 | B8D | P |
| M8123 | 291 390 000 0000 | 00 | 281 380 000 | | 6 | | | | 5 | | B8D | R |
| M8125 | 412 183 710 0000 | 00 | 412 163 510 | | 6 | 2 | 100 | 100 | 3 | 2.5 | B8D | P |
| M8135 | 412 300 871 0000 | 00 | 412 3** 651 | | 6 | 4.5 | 250 | 250 | 40 | 11 | B9A | P |
| M8136 | 851 228 413 0000 | 00 | 741 226 413 | | 6.3 | 8.5 | 250 | | 8.5 | 2.2 | B9A | TT |
| M8137 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| M8138 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| M8156 | 482 803 180 0000 | 00 | 462 603 160 | | 6 | 2 | 100 | | 13 | 5.5 | B8D | T |
| M8157 | 287 711 413 0000 | 00 | 265 511 413 | | 6 | 30 | 300 | 250 | 25 | 1.9 | B9G | P |
| M8161 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 250 | 200 | 8 | 2.5 | B7G | P |
| M8162 | 851 228 413 0000 | 00 | 741 226 413 | | 6 | 1.5 | 200 | | 8.5 | 6.5 | B9A | TT |
| M8178 | 402 013 080 0000 | 00 | 402 013 060 | | 6.3 | | 100 | | 8.5 | 5.8 | B8D | T |
| M8180 | 412 380 700 0000 | 00 | 412 360 500 | | 6.3 | 2 | 250 | 250 | 10 | 7.5 | B7G | P |
| M8195 | 701 238 014 0000 | 00 | 501 236 014 | | 6.3 | 1 | 250 | 100 | 3 | 1.8 | B9A | P |
| M8196 | 412 287 100 0000 | 00 | 412 265 100 | | 6.3 | 2 | 150 | 125 | 5.5 | 3.5 | B7G | P |
| M8212 | 192 310 X00 0000 | 00 | 182 310 900 | | 6.3 | | | | 5 | | B7G | RR |
| M8245 | 412 387 400 0000 | 00 | 412 365 400 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| M8248 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | 1.35 | 150 | | 13.5 | 13.5 | B7G | T |
| MAZ41 | 090 00X 230 0000 | 00 | *8* **9 23* | | 4 | | | | 30 | | A08 | RR |
| MC1 | 423 080 000 0000 | 00 | 423 060 000 | | 1.9 | 1.5 | 100 | | 4 | 0.8 | 85C | T |
| ME2 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 12 | 200 | 200 | 13 | | B5 | P |
| ME25 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 30 | 400 | 300 | 60 | | B5 | P |
| ME4S | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 5 | 250 | 250 | | †2.0 | 85C | TI |
| ME6S | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 5 | 250 | 250 | | †2.0 | 85C | TI |
| ME25 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 30 | 400 | 300 | 60 | | B5 | P |
| ME41 | 218 040 730 0000 | 00 | 216 040 530 | | 4 | 22.5 | 250 | 250 | 0.2 | †1.0 | M08 | TI |
| ME91 | 218 040 730 0000 | 00 | 216 040 530 | | 9 | 17 | 150 | 150 | 0.2 | †1.0 | M08 | TI |
| ME920 | 047 231 800 0000 | 00 | 045 231 600 | | 9 | 19 | 200 | 175 | 0.2 | †1.0 | B7 | TI |
| ME1400 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | 2 | 250 | 100 | 1 | 1.8 | A08 | P |
| MH4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 200 | | 8 | 3 | B5 | T |
| MH40 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | 2.7 | 2.4 | B5 | T |
| MH41 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 5.2 | 6 | B5 | T |
| MH206 | 847 230 800 0000 | 40 | 645 230 600 | G1 | 2 | 3 | 150 | 75 | 3.2 | | B7 | H |
| MH1118 | 847 231 800 0000 | 40 | 645 231 600 | G1 | 10 | 3 | 200 | 100 | 3.5 | | B7 | H |
| MH4105 | 847 231 800 0000 | 40 | 645 231 600 | G1 | 4 | 3 | 200 | 100 | 7.5 | | B7 | H |
| MHD4 | X09 231 800 0000 | 40 | 908 231 600 | G1 | 4 | 4 | 200 | | 2 | 1.9 | B7 | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| MHL4 | 842 310 000 0000 | 00 | 642 320 000 | | 4 | 8 | 250 | | 8 | 2.5 | B5 | T |
| MHLD6 | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 6 | 5 | 200 | | 11.5 | 3 | A08 | DDT |
| MKT4 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 11 | 250 | 200 | 32 | 3 | B7 | P |
| MKT4 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 11 | 250 | 200 | 32 | 3 | B5 | P |
| ML4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 250 | | 14 | 3.2 | B5 | T |
| ML6 | 842 310 000 0000 | 00 | 642 310 000 | | 6 | 8 | 200 | | 24 | 3.8 | B5 | T |
| ML40 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3 | 200 | | | 3 | B5 | T |
| MM4V | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 125 | 6 | 2.5 | B5 | P |
| MM20 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | | 200 | 100 | 6 | 3.5 | B5 | P |
| MP2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 12.5 | 3 | B4 | T |
| MP4 | 080 231 700 0000 | 40 | 067 231 500 | G1 | 4 | | 250 | 150 | 8 | 2.5 | B7 | PP |
| | 008 231 700 0000 | 50 | | | | | | | | | | |
| MP/Pen | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 16 | 250 | 250 | 3 | 3.5 | B7 | P |
| MP/Pen | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 16 | 250 | 250 | 30 | 3.5 | B5 | P |
| MPT4 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 9 | 250 | 200 | 32 | 3 | B7 | P |
| MPT4 | 842 310 000 0000 | 40 | 642 310 000 | G1 | 4 | 9 | 250 | 200 | 32 | 3 | B5 | P |
| MR1 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| MR4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 200 | | 6 | 2.5 | B4 | T |
| MS4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 250 | 75 | 2.4 | 1.1 | B5 | P |
| MS4B | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 75 | 3.4 | 3 | B5 | P |
| MS4C | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 75 | 3.4 | 3.2 | B5 | P |
| MSG/HA | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 80 | 2.1 | 2 | B5 | P |
| MSG/LA | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 5.2 | 3.7 | B5 | P |
| MSP4 | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 1.8 | 200 | 100 | 3.4 | 2.4 | B7 | P |
| MSP4 | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 1.8 | 200 | 100 | 3.4 | 2.4 | B5 | P |
| MSP41 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 4 | 250 | 250 | 8.5 | 3.2 | B5 | P |
| MSP41 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 4 | 250 | 250 | 8.5 | 3.2 | B7 | P |
| MS/Pen | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.8 | 2.8 | B7 | P |
| MS/Pen | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 4.8 | 2.8 | B5 | P |
| MS/PenA | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.5 | 200 | 150 | 9 | 4 | B5 | P |
| MS/PenA | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2.5 | 200 | 150 | 9 | 4 | B7 | P |
| MS/PenB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 200 | 100 | 4.8 | 2.8 | B7 | P |
| MSV/Pen | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.3 | 2.2 | B7 | P |
| MSV/PenB | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.5 | 200 | 100 | 4.3 | 2.2 | B7 | P |
| MU1 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 60 | | B4 | R |
| MU2 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 2 | | B4 | R |
| MU12 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| MU4250 | 232 300 000 0000 | 90 | 232 300 000 | D1 | 4 | | | | 120 | | B4 | R |
| MVSG | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 75 | 7.5 | 2.5 | B5 | P |
| MVSPen | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 250 | 125 | 5.1 | 2.3 | B5 | P |
| MX40 | | | 645 231 700 | G1 | 4 | 1 | 150 | 75 | | 0.15 | B7 | TH |
| | | | | | | 3 | 250 | 75 | 4.5 | 2.0 | | |
| MZ05-20 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 12 | 350 | | 45 | 4.2 | B4 | T |
| N14 | 038 740 200 0000 | 00 | 036 540 200 | | 1.4 | 7.5 | 90 | 90 | 7 | 1.5 | A08 | P |
| N15 | 028 740 230 0000 | 00 | 026 540 230 | | 1.4 | 7 | 90 | 90 | 7 | 1.5 | A08 | P |
| N16 | 028 740 230 0000 | 00 | 026 540 230 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.1 | A08 | P |
| N17 | 284 738 200 0000 | 00 | 264 536 200 | | 1.4 | 7 | 90 | 75 | 7.4 | 1.5 | B7G | P |
| N18 | 384 728 300 0000 | 00 | 364 526 300 | | 1.4 | 4.5 | 90 | 90 | 9.5 | 2.1 | B7G | P |
| N19 | 387 024 300 0000 | 00 | 365 024 300 | | 1.4 | 4.5 | 90 | 90 | 7.7 | 2 | B7G | P |
| N25 | 387 024 300 0000 | 00 | 365 *24 300 | | 1.4 | 5.2 | 90 | 90 | 5 | 1.4 | B7G | P |
| N30 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 12 | 250 | 250 | 40 | 0.9 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| N31 | 207 331 800 0000 | 40 | 205 331 600 | G1 | 13 | 4.4 | 200 | 175 | 40 | 10 | B7 | P |
| N34 | 107 231 800 0000 | 40 | 105 231 600 | G1 | 13 | | 250 | 250 | 40 | 10.5 | B7 | P |
| N37 | 412 380 700 0000 | 00 | 412 360 500 | | 13 | 8 | 200 | 150 | 50 | 10 | B7G | P |
| N40 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 3.5 | 250 | 250 | 32 | 2.9 | B7 | P |
| N41 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 3.5 | 250 | 250 | 32 | 10 | B7 | P |
| N42 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 16.5 | 250 | 250 | 34 | 2.5 | B7 | P |
| N43 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 4(5) | 4.5 | 250 | 250 | 40 | 10 | B7 | P |
| N63 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 16.5 | 250 | 250 | 34 | 2.5 | A08 | P |
| N66 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 15 | 250 | 250 | 85 | 6.3 | A08 | P |
| N77 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12 | 250 | 250 | 20 | 2.6 | B7G | P |
| N78 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 5.5 | 250 | 250 | 35 | 10 | B7G | P |
| N108 | 412 380 700 0000 | 00 | 412 36* 500 | | 40 | 8 | 200 | 150 | 50 | 10 | B7G | P |
| N118 | 230 074 130 0000 | 00 | 23* *54 130 | | 40 | 6 | 150 | 150 | 30 | 7.5 | B9A | P |
| N119 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 45 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| N142 | 281 074 130 0000 | 00 | 261 054 130 | | 45 | 9.5 | 200 | 175 | 54.5 | 9.5 | B8A | P |
| N144 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12 | 250 | 250 | 20 | 2.6 | B7G | P |
| N145 | 281 074 130 0000 | 00 | 261 054 130 | | 40 | 6.3 | 200 | 150 | 29 | 7.5 | B8A | P |
| N147 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | 250 | 36 | | ^ 98 | P |
| N148 | 287 004 130 0000 | 00 | 265 004 130 | | 6 | 12.5 | 250 | 250 | 45 | 9.4 | B8A | P |
| N150 | 281 074 130 0000 | 00 | 261 054 130 | | 6 | 7 | 250 | 250 | 36 | 10 | B8A | P |
| N151 | 281 047 130 0000 | 00 | 261 045 130 | | 6 | 13.5 | 250 | 250 | 22.5 | 2.9 | B8A | P |
| N152 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 20 | 28 | 200 | 200 | 40 | 6 | B9A | P |
| N153 | 741 231 800 0000 | 00 | 541 231 600 | | 5 | 2.3 | 200 | 175 | 36 | 10 | B9A | P |
| N154 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 16 | 14.2 | 200 | 200 | 45 | 8.2 | B9A | P |
| N155 | 441 231 817 0000 | 00 | 441 231 615 | | 6 | 10.8 | 225 | 225 | 26 | 3.2 | B9A | P |
| N308 | 020 740 310 0000 | 80 | 02* 54* 310 | A1 | 25 | 9.5 | 100 | 100 | 100 | 13 | A08 | P |
| N309 | 741 231 800 0000 | 00 | 541 231 600 | | 15 | 2.3 | 200 | 175 | 36 | 10 | B9A | P |
| N339 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 13 | 150 | 150 | 50 | 8.5 | B9A | P |
| N349 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 20 | 12 | 150 | 150 | 5 | 8.5 | B9A | P |
| N369 | 041 230 807 0000 | 00 | 041 23* 6*5 | | 12.6 | 10.3 | 200 | 175 | 31 | 8.3 | B9A | P |
| N379 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 15 | | 200 | 175 | 70 | 10 | B9A | P |
| N709 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 6 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| N727 | 412 387 400 0000 | 00 | 412 365 400 | | 6 | 4.5 | 250 | 250 | 45 | 4.1 | B7G | P |
| NDD40 | 902 310 000 0000 | 00 | 802 310 000 | | 4 | | | | | | B4 | D |
| NEP51 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 3 | 250 | 100 | 8 | 2.2 | 8SC | P |
| NF2 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 12.5 | 2 | 200 | 100 | 3 | 2.1 | 8SC | P |
| NF3 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 12.5 | 2 | 200 | 100 | 4.5 | 2.3 | 8SC | P |
| NG320 | 002 300 000 0000 | 90 | 002 400 000 | D1 | 2 | | | | | | B5 | D |
| NG3020 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 5 | | B4 | R |
| NHP51 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 4 | 2.5 | 250 | 100 | 3.5 | 2 | 8SC | P |
| NLP61 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 7 | 250 | 250 | 4 | 9 | 8SC | P |
| NLP62 | 020 314 780 0000 | 00 | 020 314 560 | | 4 | 14 | 250 | 250 | 72 | 9 | 8SC | P |
| NSS42 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.5 | 250 | 100 | 3.5 | 2 | B5 | P |
| NSS183 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.5 | 200 | 100 | 3.5 | 2 | B5 | P |
| NT51 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 4 | 5 | 250 | | 6 | 2.5 | 8SC | T |
| NVS4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 6 | 1 | B5 | P |
| NW4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 2.5 | 1 | B5 | T |
| OO | 384 200 000 0000 | 00 | 364 200 000 | | 5 | | 40 | | 1 | 0.6 | UX4 | T |
| O1 | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 2.5 | | UX4 | T |
| O1AA | 384 200 000 0000 | 00 | 364 200 000 | | 5 | 4.5 | 90 | | 3.2 | 0.9 | UX4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE | |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-----------------------------|------|------|----|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | | |
| O15/400 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 35 | 400 | | 40 | 4.5 | B4 | T | |
| O54V | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 100 | | | 4 | B5 | T | |
| O84 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.3 | B4 | T | |
| O202 | | | 645 230 000 | G1 | 2 | [| 150 | 50 | 2 | | | | |
| | | | | | | | 150 | 75 | 0.95 | 0.2 | B7 | O | |
| O406 | | | 645 231 700 | G1 | 4 | [| 4 | 90 | 2 | 1 | | | |
| | | | | | | | 4 | 250 | 90 | 1.6 | 1 | B7 | O |
| O1307 | 023 174 780 0000 | 40 | 023 154 560 | G1 | 4 | 1.5 | 200 | 90 | 8 | 3 | 8SC | P | |
| OBC3 | 041 9X8 231 0000 | 00 | 041 896 231 | | 12.5 | 2 | 250 | | 1 | 1.1 | A08 | DDT | |
| OBF2 | 208 791 X30 0000 | 40 | 206 571 930 | G1 | 9 | 2 | 200 | 100 | 6 | 1.8 | A08 | DDP | |
| OCH4 | 218 741 830 0000 | 50 | 217 544 630 | G1 | 15 | [| 100 | | 3.5 | | A08 | TH | |
| | | | | | | | 2 | 200 | 100 | 3 | 0.75 | | |
| OF1 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6.3 | 3 | 250 | 100 | 8.5 | 1.8 | A08 | P | |
| OF9 | 209 701 130 0000 | 40 | 206 510 130 | G1 | 8.5 | 2.5 | 200 | 100 | 6 | 2.2 | A08 | P | |
| OM1 | 020 090 310 0000 | 00 | 020 080 310 | | 30 | | | | 120 | | A08 | R | |
| OM3 | 029 1X0 310 0000 | 00 | 028 190 310 | | 6 | | | | | | A08 | DD | |
| OM4 | 028 X90 310 0000 | 40 | 026 980 310 | G1 | 6 | 5 | 250 | | 5.5 | 2.2 | A08 | DDT | |
| OM5 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 3 | 1.8 | A08 | P | |
| OM5C | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 250 | 100 | 3 | 1.8 | A08 | P | |
| OM6 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2.5 | 250 | 100 | 6 | 2 | A08 | P | |
| OM9 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 6 | 18 | 260 | 250 | 32 | 2.8 | A08 | P | |
| OM10 | [028 748 310 0000 | 50] | 027 546 310 | G1 | 6 | [| 2.0 | 100 | | 5.4 | | | |
| | 028 750 310 0000 | 50 | | | | | 2.0 | 250 | 100 | 5.0 | 2.4 | A08 | TH |
| OP41 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 12.5 | 250 | 250 | | 9.1 | B7 | P | |
| OP42 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 6.2 | 250 | 250 | | 10.5 | B7 | P | |
| OS6/300 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 300 | 150 | 22 | 2 | B5 | P | |
| OS18/600 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 6 | 14 | 250 | 275 | 72 | 8.5 | 8SC | P | |
| OSW2190 | 021 417 380 0000 | 00 | 021 415 360 | | 6.3 | 2 | 300 | 150 | 10 | 9 | A08 | P | |
| OSW2192 | 120 417 380 0000 | 00 | 120 415 360 | | 6.3 | 3 | 300 | 150 | 30 | 11 | A08 | P | |
| OSW3105 | 041 9X8 230 0000 | 00 | 041 896 230 | | 6.3 | 2 | 250 | | 0.9 | 1.1 | A08 | DDT | |
| OSW3106 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P | |
| OSW3107 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 60 | | A08 | RR | |
| OSW3108 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 14 | 250 | 250 | 72 | 6 | A08 | P | |
| OSW3109 | 029 1X0 300 0000 | 00 | 028 190 300 | | 6.3 | | | | | | A08 | DD | |
| OSW3111 | 021 417 380 0000 | 00 | 021 415 360 | | 6.3 | 3 | 250 | 100 | 9.2 | 2 | A08 | P | |
| OSW3112 | 028 040 310 0000 | 00 | 026 040 310 | | 6.3 | 8 | 250 | | 9 | 2.6 | A08 | T | |
| P2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 6 | 100 | | 12 | 3.5 | B4 | T | |
| P4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 21 | 250 | | 30 | 2.8 | B4 | T | |
| P6M0 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 14 | 250 | 250 | 72 | 9 | 8SC | P | |
| P12/250 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 44 | 250 | | 60 | 6 | B4 | T | |
| P15/250 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 44 | 250 | | 60 | 6 | B4 | P | |
| P15/250S | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 44 | 250 | | 60 | 6 | 8SC | T | |
| P24/450 | 842 300 000 0000 | 00 | 642 300 000 | | 7.5 | 70 | 400 | | 55 | 2.1 | B4 | T | |
| P25/400 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 100 | 350 | | 70 | 3.7 | B4 | T | |
| P25/500 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 90 | 400 | | 65 | 3 | B4 | T | |
| P26/500 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 100 | 400 | | 62.5 | 4.2 | B4 | T | |
| P27/500 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 27 | 400 | | 62.5 | 8.5 | B4 | T | |
| P30/500 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 100 | 400 | | 60 | 4 | B4 | T | |
| P41 | 218 040 030 0000 | 00 | 216 040 030 | | 4 | 11.8 | 250 | | 16 | 4.5 | M08 | T | |
| P43M | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 250 | 250 | 26 | 2.5 | B5 | P | |
| P61 | 218 040 030 0000 | 00 | 216 040 030 | | 6 | 11.8 | 250 | | 16 | 4.5 | M08 | T | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| P215 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 150 | | | 1.4 | B4 | T |
| P220 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7.5 | 150 | | 6 | 3 | B4 | T |
| P220A | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 14 | 150 | | 15 | 2.7 | B4 | T |
| P222 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 10.5 | 150 | | 6 | 3 | B4 | T |
| P225 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 5.6 | 2.2 | B5 | P |
| P240 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 24 | 150 | | 18 | 1.1 | B4 | T |
| P240A | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 21 | 150 | | 25 | 5 | B4 | T |
| P310 | 287 013 000 0000 | 40 | 265 013 000 | G1 | 10 | 3 | 150 | 150 | 5.5 | 1.8 | UX6 | P |
| P410 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 12 | 150 | | 7 | 1.3 | B4 | T |
| P414 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 16 | 100 | | 14 | 2.8 | B4 | T |
| P415 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 25 | 150 | | 14 | 1.5 | B4 | T |
| P420 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 85 | 400 | | 50 | 6 | B4 | T |
| P421 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 11 | 200 | 75 | 12 | 1.5 | B5 | P |
| P422 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 250 | 250 | 22 | 2.5 | B5 | P |
| P425 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| P425 | | | 642 300 000 | | 4 | 16.5 | 150 | | 17 | 1.9 | B4 | T |
| P430 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 30 | 200 | | 25 | 2.2 | UX4 | T |
| P434 | 032 004 780 0000 | 00 | 032 004 560 | | 4 | 17 | 250 | 250 | 36 | 2.5 | 8SC | P |
| P435 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 250 | 250 | 30 | 3 | B5 | P |
| P440 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 30 | 400 | 200 | 45 | 5 | B5 | P |
| P440N | 842 310 000 0000 | 00 | 045 231 600 | | 4 | 22 | 250 | 250 | 26 | 2.8 | B7 | P |
| P440N | 047 231 800 0000 | 00 | 642 310 000 | | 4 | | 250 | 250 | 20 | 2.5 | B5 | P |
| P441N | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 22 | 250 | 250 | 36 | 2.8 | B7 | P |
| P455 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 15 | 250 | | 30 | 5.5 | UX4 | T |
| P455 | 023 100 870 0000 | 00 | 023 100 650 | | 4 | 25 | 250 | 250 | 36 | 2.6 | 8SC | P |
| P460 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 200 | | 50 | 3.5 | B4 | T |
| P469 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 14 | 250 | 275 | 72 | 8.5 | B7 | P |
| P495 | 047 231 800 0000 | 00 | 045 231 000 | | 4 | 6 | 200 | 200 | 32 | | B7 | P |
| P496 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 6 | 200 | 200 | 32 | 9.5 | B7 | P |
| P520 | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 17 | 200 | 150 | 12 | 1.3 | B5 | P |
| P625 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 26 | 250 | | 24 | 2.5 | B4 | T |
| P625A | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 39 | 200 | | 25 | 2.3 | B4 | T |
| P625B | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1 | 200 | | | 2.8 | B4 | T |
| P626 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 6.3 | 32 | 250 | 250 | 26 | 2.5 | 8SC | P |
| P628 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 6.3 | 17 | 250 | 250 | 56 | 2.5 | 8SC | P |
| P650 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 1 | 100 | | 37 | 2.7 | B4 | T |
| P861 | 29X 130 000 0000 | 00 | 289 130 000 | | 6 | | | | 30 | | UX5 | RR |
| P1320 | 023 100 780 0000 | 00 | 023 100 560 | | 13 | 20 | 250 | 250 | 22 | 1.9 | 8SC | P |
| P2018 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 15 | 200 | | 20 | 4 | B5 | T |
| P2020N | 842 310 000 0000 | 70 | 642 310 000 | G2 | 20 | 18 | 200 | 200 | 20 | 1.7 | B5 | P |
| P2060 | 023 140 780 0000 | 00 | 023 140 560 | | 24 | 19 | 200 | 100 | 40 | 3.2 | 8SC | P |
| P2460 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 24 | 19 | 200 | 100 | 40 | | B5 | P |
| P3580 | 047 231 800 0000 | 00 | 045 231 600 | | 33 | 8.5 | 200 | 200 | 45 | 8 | B7 | P |
| P4100 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 400 | | 30 | | B4 | T |
| PA20 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 36 | 300 | | 49 | 5.2 | B4 | T |
| PA1 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 10 | 200 | | 40 | 5 | B5 | P |
| PA40 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 90 | 400 | | 200 | 10 | B4 | T |
| PAB1 | 023 1Y0 X90 0000 | 00 | 023 110 980 | | 6 | | | | | | 8SC | DDD |
| PABC80 | YX1 239 148 0000 | 00 | 191 238 146 | | 9.5 | 2.3 | 200 | | 1 | 1.4 | B9A | DDDT |
| PB1 | 234 800 000 0000 | 00 | 234 600 000 | | 2 | 4 | 150 | | 11.5 | 3.8 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|---------------|------|-----|-----|------|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PB495 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| PBF2 | 028 9X7 310 0000 | 40 | 026 895 310 | G1 | 6 | 3 | 250 | 100 | 5.8 | 1.2 | A08 | DDP |
| PC86 | 841 234 148 0000 | 00 | 641 234 146 | | 3.8 | 1.5 | 200 | | 12 | 14 | B9A | T |
| PC88 | 414 234 484 0000 | 00 | 414 234 464 | | 4 | 1.2 | 150 | | 12.5 | 14 | B9A | T |
| PC92 | 802 304 100 0000 | 00 | 602 304 100 | | 3.2 | 2 | 250 | | 10 | 5 | B7G | T |
| PC93 | 842 314 800 0000 | 00 | 642 314 600 | | 4.7 | 4 | 100 | | 16 | 8 | B9A | P |
| PC95 | 142 380 100 0000 | 00 | 142 360 100 | | 3.6 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| PC96 | 412 314 800 0000 | 00 | 412 314 600 | | 3.1 | 1 | 200 | | 11.5 | 6.7 | B7G | T |
| PC97 | 142 380 100 0000 | 00 | 142 360 100 | | 4.5 | 1 | 150 | | 14 | 16 | B7G | T |
| PC900 | 412 380 100 0000 | 00 | 412 360 100 | | 4 | 1 | 150 | | 12 | 15 | B7G | T |
| PCC84 | 158 234 118 0000 | 00 | 147 234 116 | | 7 | 3.0 | 90 | | 14 | 6 | B9A | TT |
| PCC85 | 841 238 510 0000 | 00 | 641 237 410 | | 9 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| □ PCC88 | 841 238 510 0000 | 00 | 641 237 410 | | 7 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| PCC89 | 148 235 118 0000 | 00 | 147 234 116 | | 7.2 | 1.2 | 90 | | 15 | 12 | B9A | TT |
| PCC186 | 841 228 513 0000 | 00 | 641 227 413 | | 7.2 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| PCC189 | 841 238 510 0000 | 00 | 641 237 410 | | 7.6 | 1.4 | 90 | | 15 | 12.5 | B9A | TT |
| PCC805 | 148 235 118 0000 | 00 | 146 234 117 | | 7 | 1.2 | 90 | | 15 | 9 | B9A | TT |
| PCC806 | 148 235 118 0000 | 00 | 146 234 117 | | 7 | 1.2 | 90 | | 15 | 16.5 | B9A | TT |
| PCE80 | 841 238 751 0000 | 00 | 641 237 541 | | 10 | [| 200 | | 10 | 3.4 | B9A | TP |
| | | | | | | | 200 | 200 | 10 | 12.5 | | |
| PCE82 | 841 238 751 0000 | 00 | 641 237 541 | | 10 | [| 4.9 | 150 | 10 | 3.7 | B9A | TP |
| | | | | | | | 2.9 | 200 | 200 | 12.5 | | |
| PCE800 | 841 238 751 0000 | 00 | 641 237 541 | | 9.4 | [| 7.8 | 200 | 10 | 3.4 | B9A | TP |
| | | | | | | | 2.7 | 200 | 200 | 7.5 | | |
| PCF80 | 857 238 114 0000 | 00 | 645 237 114 | | 9 | [| 2 | 100 | 14.0 | 5.0 | B9A | TP |
| | | | | | | | 2.0 | 200 | 175 | 10.0 | | |
| PCF82 | 857 238 114 0000 | 00 | 645 237 114 | | 9.5 | [| 1.0 | 150 | 0 | 18 | B9A | TP |
| | | | | | | | 1.0 | 250 | 100 | 5.2 | | |
| PCF84 | 415 238 718 0000 | 00 | 576 234 141 | | 9 | [| 2 | 100 | 14 | 2.5 | B9A | TP |
| | | | | | | | 0 | 200 | 175 | 8 | | |
| PCF86 | 151 234 887 0000 | 00 | 141 234 675 | | 8 | [| 3 | 100 | 14 | 6 | B9A | TP |
| | | | | | | | 1.2 | 200 | 150 | 10 | | |
| PCF87 | 178 238 415 0000 | 00 | 157 236 414 | | 7.4 | [| 3.2 | 100 | 15 | 8.5 | B9A | TP |
| | | | | | | | 2.5 | 125 | 125 | 10 | | |
| PCF200 | 114 123 878 5000 | 00 | 114 123 756 | Adap 13 G | 8 | [| 1 | 175 | 8.5 | 5 | B10B | TP |
| | | | | | | | 1.7 | 160 | 135 | 13 | | |
| PCF800 | 178 238 415 0000 | 00 | 157 236 414 | | 9 | [| 2.2 | 100 | 15 | 5 | B9A | TP |
| | | | | | | | 2.4 | 200 | 150 | 8.5 | | |
| PCF801 | 151 238 784 0000 | 00 | 141 237 564 | | 8.5 | [| 3 | 100 | 15 | 8.5 | B9A | TP |
| | | | | | | | 1.2 | 200 | 125 | 10 | | |
| PCF802 | 857 238 114 0000 | 00 | 645 237 114 | | 9.0 | [| 2.0 | 200 | 3.5 | 3.5 | B9A | TP |
| | | | | | | | 1.0 | 100 | 100 | 6.0 | | |
| PCF803 | 151 238 784 0000 | 00 | 141 237 564 | | 9 | [| 3 | 100 | 15 | 9 | B9A | TP |
| | | | | | | | | 150 | 100 | 10 | | |
| PCF805 | 878 231 514 0000 | 00 | 657 231 414 | | 7.4 | [| 3 | 100 | 14 | 5.5 | B9A | TP |
| | | | | | | | 1.5 | 150 | 150 | 10 | | |
| PCF806 | 151 238 784 0000 | 00 | 141 237 564 | | 8 | [| 3 | 100 | 14 | 5.5 | B9A | TP |
| | | | | | | | 1.2 | 200 | 150 | 10 | | |
| PCF808 | 878 231 514 0000 | 00 | 657 231 414 | | 7.4 | [| 3 | 100 | 14 | 5.5 | B9A | TP |
| | | | | | | | 1.7 | 150 | 150 | 12 | | |
| PCH200 | 114 723 851 8000 | 00 | 114 523 741 | Adap 13 A1 | 9 | [| 1 | 100 | 9 | 8.8 | B10B | TH |
| | | | | | | | 0 | 12.6 | 12.6 | 0.8 | | |
| PCL81 | 471 238 815 0000 | 00 | 451 237 614 | | 12.6 | [| 1.9 | 150 | 1.3 | 1.6 | B9A | TP |
| | | | | | | | 6.5 | 200 | 200 | 30 | | |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|--------------|------------|----------|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PCL82 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [1.5 11 | 200 200 | 175 | 1.7 41 | 2.4 7.5 | B9A | TP |
| PCL83 | 841 238 175 0000 | 00 | 641 237 154 | | 12.5 | [8.5 9.0 | 250 200 | 0 175 | 10.5 30 | 2.2 4.7 | B9A | TP |
| PCL84 | 481 238 157 0000 | 00 | 461 237 145 | | 15 | [1.7 2.9 | 200 200 | 200 | 3 18 | 4 10 | B9A | TP |
| PCL85 | 841 238 715 0000 | 00 | 641 237 514 | | 18 | [0.85 15 | 100 175 | 175 | 5 41 | 5.5 7 | B9A | TP |
| PCL86 | 417 238 158 0000 | 00 | 415 237 146 | | 14.5 | [1.7 5.7 | 250 250 | 250 | 1.2 39 | 1.6 10.5 | B9A | TP |
| PCL88 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [2.1 200 | 200 200 | 200 | 10 | 3.4 | B9A | TP |
| PCL200 | 841 123 875 0000 | 00 | 641 123 654 | | 16 | [1.5 2.1 | 200 200 | 150 | 8.5 40 | 5.2 28 | B10B | TP |
| PCL800 | 415 238 718 0000 | 00 | 414 237 516 | | 16 | [2.1 18 | 100 200 | 200 | 10 45 | 4.3 7.5 | B9A | TP |
| PCL805 | 841 238 715 0000 | 00 | 641 237 514 | | 18 | [0.85 15 | 100 170 | 170 | 5 41 | 5.5 7 | B9A | TP |
| PC03/3A | 023 014 700 0000 | 80 | 023 014 500 | A1 | 2 | | 300 | 125 | | 1.4 | 8SC | P |
| PC03/3B | 023 014 700 0000 | 80 | 023 014 500 | A1 | 4 | | 300 | 125 | | 1.4 | 8SC | P |
| PC05/15 | 023 014 700 0000 | 80 | 023 014 500 | A1 | 4 | | 400 | 250 | 40 | 1.3 | 8SC | P |
| PD220 | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1.2 | 150 | | 0.8 | 0.9 | B7 | TT |
| PD220A | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 3 | 140 | | 5 | 1.5 | B7 | TT |
| PD500 | 100 230 040 0000 | 80 | 1** 230 040 | A1 | 7.3 | 10 | 400 | | 1.6 | 0.14 | B9D | T |
| PDD2 | 284 79X 130 0000 | 00 | 264 589 130 | | 6.3 | 6 | 250 | 250 | 36 | 9 | A08 | DDP |
| PE04-10 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 12 | | 400 | 300 | 27 | 7.5 | 8SC | P |
| PE05-15 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 12 | | | | 40 | 1.5 | 8SC | P |
| PE05-25 | 278 130 000 0000 | 80 | 256 130 000 | A1 | 12.6 | 80 | 400 | 200 | 70 | | B5B | P |
| PE06/40P | 123 114 700 0000 | 80 | 123 114 500 | A1 | 6 | 40 | 400 | 300 | 40 | 4 | 8SC | P |
| PE1-100 | 247 811 300 0000 | 00 | 245 611 300 | | 12 | 33 | 400 | 250 | 40 | 6 | B7A | P |
| Pen4DD | X19 238 700 0000 | 40 | 918 236 500 | G1 | 4(5) | 6 | 250 | 250 | 36 | 9.5 | B7 | DDP |
| Pen4V | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 10 | 250 | 200 | 35 | 3 | B5 | P |
| Pen4VA | 047 231 800 0000 | 00 | 642 310 000 | G2 | 4 | 22 | 250 | 250 | 36 | 2.8 | B5 | P |
| Pen4VA | 842 310 000 0000 | 70 | 045 231 600 | | 4 | 20 | 250 | 250 | 36 | 2.8 | B7 | P |
| Pen4VB | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 5.8 | 250 | 250 | 36 | 9.5 | B7 | P |
| Pen4VX | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 15 | 350 | 200 | 22 | 3.5 | B5 | P |
| Pen13 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 13 | 14 | 200 | 200 | 25 | 2.5 | 8SC | P |
| Pen13A | 023 110 780 0000 | 40 | 023 110 560 | G1 | 33 | 8.5 | 200 | 200 | 45 | 8 | 8SC | P |
| Pen13C | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 11 | 250 | 250 | 32 | 6.5 | B7 | P |
| Pen20 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 20 | 18 | 200 | 200 | 20 | 1.7 | B5 | P |
| Pen24 | 028 740 030 0000 | 00 | 206 540 030 | | 2 | 3.3 | 200 | 125 | 5 | 4 | M08 | P |
| Pen25 | 208 740 030 0000 | 00 | 206 540 030 | | 2 | 3.6 | 200 | 125 | 5 | 3 | M08 | P |
| Pen26 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 24 | 19 | 200 | 100 | 40 | 3.1 | 8SC | P |
| Pen36A | 145 231 800 0000 | 00 | 145 231 600 | | 35 | 8.5 | 200 | 200 | 45 | 8 | B7 | P |
| Pen36C | 047 231 800 0000 | 00 | 045 231 600 | | 33 | 8.5 | 200 | 200 | 45 | 8 | B7 | P |
| Pen40DD | X19 238 700 0000 | 40 | 918 236 500 | G1 | 44 | 8.5 | 200 | 200 | 45 | 8 | B7 | DDP |
| Pen44 | 218 740 030 0000 | 00 | 216 540 030 | | 4 | 11 | 300 | 275 | 70 | 10.6 | M08 | P |
| Pen45 | 218 740 030 0000 | 00 | 216 540 030 | | 4 | 8.5 | 250 | 250 | 49 | 8.8 | M08 | P |
| Pen45DD | 218 7X0 930 0000 | 40 | 216 590 830 | G1 | 4 | 8.5 | 250 | 250 | 40 | 8.8 | M08 | DDP |
| Pen46 | 210 740 030 0000 | 80 | 210 540 030 | A1 | 4(5) | 8 | 300 | 225 | 63 | 8.5 | M08 | P |
| Pen141 | 208 740 030 0000 | 00 | 206 540 030 | | 1.4 | 9 | 90 | 90 | 5.5 | 1.4 | M08 | P |
| Pen220 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.9 | 150 | 150 | 9 | 2.2 | B5 | P |
| Pen220A | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 9 | 150 | 150 | 18 | 2.2 | B5 | P |
| Pen230 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 125 | 6 | 2.2 | B5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|---------------|------|------------|------------|------------|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| Pen231 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 2.5 | 150 | 125 | 5 | 4.4 | B5 | P |
| Pen383 | 218 740 030 0000 | 00 | 216 540 030 | | 38 | 10 | 200 | 175 | 64 | 10.5 | M08 | P |
| Pen384 | 218 740 030 0000 | 00 | 216 540 030 | | 38 | 7 | 150 | 125 | 40 | 7.8 | M08 | P |
| Pen425 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 300 | 200 | 20 | 1.7 | B5 | P |
| Pen428 | 047 231 800 0000 | 00 | 045 231 600 | | 4(5) | 13.8 | 250 | 250 | 72 | 8.5 | B7 | P |
| Pen453DD | 218 7X0 930 0000 | 40 | 216 590 830 | G1 | 45 | 10 | 200 | 175 | 64 | 10.5 | M08 | DDP |
| Pen650 | 023 114 700 0000 | 80 | 023 114 500 | A1 | 6 | 24 | 400 | 300 | 30 | 5 | 8SC | P |
| Pen1340 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 8.6 | 250 | 250 | 41 | 6.4 | B7 | P |
| Pen2020 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 20 | 19 | 200 | 100 | 40 | 3.1 | 8SC | P |
| Pen3520 | 047 231 800 0000 | 00 | 045 231 600 | | 35 | 8 | 200 | 200 | 40 | 7.3 | B7 | P |
| Pen3820 | 047 231 800 0000 | 00 | 045 231 600 | | 38 | 10 | 150 | 175 | 64 | 10.5 | B7 | P |
| PenA1 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 16.5 | 250 | 250 | 32 | 3 | B5 | P |
| PenA4 | 007 231 800 0000 | 00 | 005 231 600 | G1 | 4 | 5.8 | 250 | 250 | 36 | 9.5 | B7 | P |
| PenA4 | 047 231 800 0000 | 40 | 045 231 600 | | 4 | 5 | 250 | 250 | 40 | 9.1 | B7 | P |
| PenB1 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 8.5 | 2.5 | B5 | P |
| PenB4 | 047 231 800 0000 | 00 | 045 231 600 | | 4(5) | 14 | 250 | 275 | 72 | 8.5 | B7 | P |
| PenDD61 | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 6 | 5.3 | 250 | 250 | 32 | 8.5 | B7 | DDP |
| PenDD1360 | X89 231 700 0000 | 40 | 968 231 500 | G1 | 13 | 5.3 | 250 | 250 | 32 | 8.2 | B7 | DDP |
| PenDD2530 | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 25 | 7.8 | 250 | 250 | 43 | 7.8 | B7 | DDP |
| PenDD4020 | X89 231 700 0000 | 40 | 968 231 500 | G1 | 40 | 7.7 | 250 | 250 | 43 | 7.8 | B7 | DDP |
| PenDD4021 | X89 231 700 0000 | 40 | 968 231 500 | G1 | 45 | 10 | 200 | 175 | 64 | 10.5 | B7 | DDP |
| PF9 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3.5 | 250 | 100 | 7.5 | 1.7 | A08 | P |
| PF83 | 701 238 014 0000 | 00 | 501 236 014 | | 4.5 | 2 | 60 | 50 | 1.9 | | B9A | P |
| PF86 | 701 238 014 0000 | 00 | 501 236 014 | | 4.5 | 2 | 250 | 150 | 3 | 2 | B9A | P |
| PF462 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 150 | 3 | 1.9 | B7 | P |
| PF472 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 0.5 | 150 | 150 | 2.5 | 1.7 | B7 | P |
| PFL200 | 517 823 147 80000 | 00 | 415 623 145 | Adap 13 A2 | 16.5 | 2.6 2.3 | 175 150 | 175 150 | 30 10 | 21 8.6 | B10B | PP |
| PL11 | 802 301 470 0000 | 00 | 602 301 450 | | 17.5 | 10.5 | 200 | 200 | 53 | 9 | F8 | P |
| PL33 | 028 740 310 0000 | 00 | 026 540 310 | | 19 | 5.3 | 250 | 250 | 32 | 9 | A08 | P |
| PL36 | 020 740 310 0000 | 80 | *2* 540 310 | A1 | 25 | 21 | 200 | 175 | 100 | 11 | A08 | P |
| PL38 | 120 740 310 0000 | 80 | 120 540 310 | A1 | 30 | 5.5 | 200 | 200 | 75 | 13.5 | A08 | P |
| PL81 | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 28 | 200 | 200 | 40 | 6 | B9A | P |
| PL81A | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 24.5 | 150 | 150 | 45 | 6 | B9A | P |
| PL81F | 041 230 071 0000 | 80 | *41 23* *51 | A1 | 21.5 | 28 | 200 | 200 | 30 | 6 | B9A | P |
| PL82 | 041 230 807 0000 | 00 | 041 230 605 | | 16 | 14.2 | 200 | 200 | 45 | 7.6 | B9A | P |
| PL83 | 741 231 800 0000 | 00 | 541 231 60* | | 15 | 2.3 | 200 | 175 | 36 | 10 | B9A | P |
| PL84 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 15 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| PL95 | 412 387 400 0000 | 00 | 412 365 400 | | 4.5 | 9 | 250 | 250 | 24 | 5 | B7G | P |
| PL136 | 721 441 270 0000 | 80 | 521 441 450 | A1 | 35 | 12 | 100 | 100 | 90 | 19 | A08 | P |
| PL183 | 741 231 840 0000 | 00 | 541 231 640 | | 12.6 | 2.1 | 150 | 225 | 40 | 25 | B9A | P |
| PL300 | 721 441 370 0000 | 80 | 521 441 350 | A1 | 35 | 22.5 | 200 | 150 | 100 | 10 | B8A | P |
| PL302 | 020 740 310 0000 | 80 | 02* 340*310 | A1 | 25 | 12 | 100 | 100 | 60 | 20 | A08 | P |
| PL500 | 441 237 710 0000 | 80 | 441 235 51* | A1 | 27 | 14 | 150 | 150 | 100 | 10 | B9D | P |
| PL502 | 441 237 710 0000 | 80 | 441 235 510 | A1 | 35 | 30 | 200 | 200 | 100 | 2.0 | B9D | P |
| PL504 | 441 237 710 0000 | 80 | 441 235 510 | A1 | 27 | 20 | 150 | 150 | 70 | 11 | B9D | P |
| PL505 | 417 237 141 0000 | 80 | 415 235 141 | A1 | 40 | 35 | 150 | 150 | 100 | 10 | B9D | P |
| PL508 | 407 238 140 0000 | 00 | 4*5 236 14* | | 17.0 | 18 | 200 | 200 | 60 | 6 | B9D | P |
| PL509 | 407 237 041 0000 | 80 | 405 235 041 | A1 | 40 | 37 | 160 | 160 | 80 | 14 | B9D | P |
| PL802 | 141 237 871 0000 | 00 | 141 235 651 | P1 | 16.0 | | 170 | 170 | 30 | 40 | B9A | P |
| PL820 | 041 231 771 0000 | 80 | 041 231 551 | A1 | 21.5 | 22 | 200 | 175 | 45 | 6.2 | B9A | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PLL80 | 748 235 187 0000 | 00 | 546 235 165 | | 12 | 9 | 250 | 250 | 24 | 6 | B9A | PP |
| PLL80 | | | 546 234 175 | | 12 | 9 | 250 | 250 | 24 | 6 | B9A | PP |
| PM04 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.2 | 250 | 100 | 11 | 4.4 | B7G | P |
| PM05 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| PM07 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 2 | 250 | 250 | 10 | 7.5 | B7G | P |
| PM1A | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 100 | | 1 | 1.2 | B4 | T |
| PM1HF | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1.5 | 0.8 | B4 | T |
| PM1HL | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2.3 | 1.2 | B4 | T |
| PM1LF | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 5 | 150 | | 3 | 0.9 | B4 | T |
| PM2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | | 100 | | 4 | 0.9 | B4 | T |
| PM2A | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 6 | 160 | | 5 | 2 | B4 | T |
| PM2B | 548 230 800 0000 | 00 | 446 230 700 | | 2 | 1 | 150 | | 3 | 2.5 | B7 | TT |
| PM2DL | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 2 | 1.5 | B4 | T |
| PM2DX | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 5 | 150 | | 2.3 | 1.1 | B4 | T |
| PM2HL | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2.2 | 1.4 | B4 | T |
| PM3 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | 2 | 1.1 | B4 | T |
| PM4DX | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 100 | | 1.5 | 2 | B4 | T |
| PM5 | 208 748 130 0000 | 00 | 206 546 130 | | 6.3 | [15 | 200 | 200 | | 11.0 | A08 | TI |
| | | | | | | 5 | 200 | 200 | | 11.0 | | |
| PM12 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 0 | 150 | 75 | 4 | 1.1 | B4 | P |
| PM12A | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 75 | 2 | 1.5 | B4 | P |
| PM12M | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 90 | 1.4 | 1.4 | B4 | P |
| PM12V | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 90 | | 0.7 | B4 | P |
| PM14 | | | 542 300 000 | A1 | 4 | | 150 | 75 | 2.7 | 0.8 | B4 | P |
| PM14V | 742 300 000 0000 | 80 | | | 4 | | 150 | 75 | 2.7 | 0.8 | B4 | P |
| PM14L | 742 300 000 0000 | 00 | | | 2 | 1.5 | 150 | | 2.3 | 1.2 | B4 | T |
| PM22 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 10 | 150 | 150 | 15 | 1.3 | B5 | P |
| PM22A | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 5.6 | 2 | B5 | P |
| PM22C | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 16 | 150 | 150 | 23 | 3 | B5 | P |
| PM22D | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 2.4 | 150 | 150 | 5 | 3 | B5 | P |
| PM24 | 842 310 000 0000 | 70 | 642 350 000 | | 4 | 11 | 150 | 150 | 20 | 1.7 | B5 | P |
| PM24 | | | 642 310 000 | G2 | 4 | 11 | 150 | 150 | 20 | 1.7 | B5 | P |
| PM24A | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 22.5 | 300 | 200 | 20 | | B5 | P |
| PM24B | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 300 | 30 | 2.1 | B5 | P |
| PM24C | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 400 | 200 | | 3 | B5 | P |
| PM24D | 842 370 000 0000 | 00 | 642 350 000 | | 4(5) | 35 | 400 | 200 | 50 | 4 | B5 | P |
| PM24DC | 842 370 000 0000 | 00 | 642 350 000 | | 4(5) | 42 | 300 | 200 | 20 | 1.5 | B5 | P |
| PM24E | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 300 | 300 | 83 | 3.9 | B5 | P |
| PM24M | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 250 | 250 | 30 | 3 | B5 | P |
| PM84 | 401 237 808 0000 | 00 | | | 4.2 | 22 | 250 | 250 | 0.5 | | B9A | TI |
| PM202 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 14 | 150 | | 14 | 3.5 | B4 | T |
| PM252 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2 | 150 | | 14 | 3.7 | B4 | T |
| PM254 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 21 | 200 | | 15 | | B4 | T |
| PM256 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 27 | 250 | | 20 | | B4 | T |
| PN2 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 7.5 | 150 | 150 | 6 | | B5 | P |
| PP2 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 5 | 150 | 150 | 7 | 2.1 | B4 | P |
| PP2 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 5 | 150 | 150 | 7 | 2.1 | B5 | P |
| PP2S | 023 004 780 0000 | 00 | 023 004 560 | | 2 | 5 | 150 | 150 | 7 | 2.1 | 8SC | P |
| PP3/250 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 37 | 300 | | 48 | 5.2 | B4 | T |
| PP4 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 15 | 250 | 250 | 36 | 3 | B4 | P |
| PP4S | 842 370 000 0000 | 00 | 032 004 560 | | 4 | 15 | 250 | 250 | 36 | 3 | 8SC | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PP4S | 032 004 780 0000 | 00 | 642 350 000 | | 4 | 15 | 250 | 250 | 36 | 3 | B5 | P |
| PP5/400 | 842 300 000 0000 | 00 | 642 300 000 | | 4(5) | 32 | 400 | | 62 | 8.2 | B4 | T |
| PP6AS | 023 104 780 0000 | 00 | 023 104 560 | | 6 | 18 | 250 | 250 | 32 | 2.8 | 8SC | P |
| PP6B | 287 413 000 0000 | 00 | 265 413 000 | | 6 | 6 | 250 | 250 | 36 | 10 | UX6 | P |
| PP6BG | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 250 | 250 | 36 | 10 | A08 | P |
| PP6BS | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 6 | 150 | 250 | 36 | 9 | A08 | |
| PP6C | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 12 | 250 | 200 | 36 | 10 | A08 | P |
| PP6E | 047 231 800 0000 | 00 | 045 231 600 | | 6 | 17 | 500 | 275 | 72 | 8.5 | B7 | P |
| PP13A | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 12 | 200 | 200 | 40 | 2.6 | B7 | P |
| PP13S | 023 100 780 0000 | 40 | 023 100 560 | G1 | 13 | 14 | 200 | 200 | 25 | 3.5 | 8SC | P |
| PP24 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 24 | 19 | 200 | 100 | 40 | 3 | B7 | P |
| PP24S | 023 100 780 0000 | 40 | 023 100 560 | G1 | 24 | 19 | 200 | 100 | 40 | 3 | 8SC | P |
| PP34 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 35 | 6.5 | 200 | 200 | 45 | 8.5 | B7 | P |
| PP34S | 023 100 780 0000 | 40 | 023 100 560 | G1 | 35 | 6.5 | 200 | 200 | 45 | 8.5 | 8SC | P |
| PP35 | 047 231 800 0000 | 00 | 045 231 600 | | 35 | 6.5 | 200 | 200 | 45 | 8.5 | B7 | P |
| PP36 | 147 231 800 0000 | 00 | 145 231 600 | | 35 | 6.5 | 200 | 200 | 45 | 8.5 | B7 | P |
| PP37 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 35 | 9.5 | 200 | 100 | 45 | 8.5 | B7 | P |
| PP60 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 15 | 250 | 250 | 85 | 6.3 | A08 | P |
| PP215 | 842 370 000 0000 | 00 | 642 350 0000 | | 2 | 4.5 | 90 | 90 | 8 | 1.7 | 8SC | P |
| PP215S | 032 004 780 0000 | 00 | 032 004 560 | | 2 | 4.5 | 90 | 90 | 8 | 1.7 | 8SC | P |
| PP220 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 12.5 | 3 | B4 | T |
| PP222 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 6 | 150 | 150 | 12 | 2.5 | B5 | P |
| PP225 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 12 | 150 | 150 | 18 | 2 | B5 | P |
| PP225S | 023 004 780 0000 | 00 | 023 004 560 | | 2 | 12 | 150 | 125 | 18 | 2 | 8SC | P |
| PP415 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 12 | 200 | 200 | 12 | 1.8 | B5 | P |
| PP416 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 12 | 200 | 75 | 10 | 2 | B5 | P |
| PP430 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 25 | 200 | 200 | 20 | 2 | B5 | P |
| PP431 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 20 | 250 | 250 | 22 | 1.9 | B5 | P |
| PP472 | 041 230 700 0000 | 80 | | | 2 | 0.5 | 150 | 150 | 2.5 | 1.7 | B7 | P |
| PP2018 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 20 | 18 | 200 | 200 | 20 | 2.5 | B5 | P |
| PP2018 | 047 231 800 0000 | 00 | 045 231 600 | | 20 | 18 | 200 | 200 | 20 | 2.5 | B7 | P |
| PP2101 | 384 720 000 0000 | 00 | 364 520 000 | | 2 | 3 | 150 | 150 | 7 | 2.1 | UX5 | P |
| PP3521 | 040 231 800 0000 | 00 | 040 231 600 | | | 25 | 200 | | 70 | 6.3 | B7 | T |
| PP4100 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 300 | 30 | 3 | B5 | P |
| PP4101 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 14 | 250 | 250 | 36 | 3.5 | B5 | P |
| PP4118 | 180 472 300 0000 | 00 | 160 452 300 | | 40 | 10 | 200 | 175 | 35 | 6.5 | C7 | P |
| PT | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 6 | 250 | 250 | 32.5 | 7.5 | B7 | P |
| PT2 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 125 | 5.3 | 2.6 | B5 | P |
| PT2 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 4.5 | 150 | 150 | 6.5 | 2.5 | B4 | P |
| PT2A | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 10.5 | 150 | 150 | 18 | | B5 | P |
| PT2K | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B5 | P |
| PT4 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 17 | 250 | 250 | 30 | 3 | B5 | P |
| PT4 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 6 | 250 | 250 | 36 | 9.5 | B7 | P |
| PT4 | 218 047 300 0000 | 00 | 216 045 300 | | 4 | 6 | 250 | 250 | 31 | 7 | B7 | P |
| PT4D | X89 231 700 0000 | 40 | 968 231 500 | G1 | 4 | 6 | 250 | 250 | 32.5 | 7.5 | B7 | ODP |
| PT5 | 047 231 800 0000 | 00 | 045 231 600 | | 26 | 7 | 250 | 250 | 36 | 9 | B7 | P |
| PT10 | 047 231 800 0000 | 00 | 045 231 600 | | 3 | 7.5 | 250 | 250 | 40 | 9 | B7 | P |
| PT12 | 204 731 102 0000 | 80 | 204 531 102 | A1 | 10 | 15 | 250 | 250 | 62 | 6 | B9 | P |
| PT15 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 6 | 25 | 300 | 300 | 40 | 2.8 | B5 | P |
| PT16 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 15 | 300 | 300 | 55 | 4.8 | B5 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PT25 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 22 | 400 | 200 | 62 | 4 | B5 | P |
| PT25H | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 16 | 400 | 300 | 62 | 6.5 | B5 | P |
| PT41 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 12.5 | 250 | 200 | 30 | 3 | B5 | P |
| PT41B | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 300 | 30 | 2.2 | B5 | P |
| PT225 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 6 | 150 | 150 | 8 | 2.3 | B5 | P |
| PT225 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 6 | 150 | 150 | 8 | 2.3 | B4 | P |
| PT240 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 9 | 150 | 150 | 16 | 2.5 | B5 | P |
| PT250 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 15 | 250 | 250 | 40 | | B5 | P |
| PT425 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 7.5 | 150 | 150 | 15 | 2 | B5 | P |
| PTA | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 10 | 250 | 250 | 32 | 4 | B7 | P |
| PTAD | X89 231 700 0000 | 40 | 968 231 500 | G1 | 4 | 6 | 250 | 250 | 7 | 7 | B7 | DDP |
| PTE11 | 287 004 130 0000 | 00 | 265 004 130 | | 18 | 3 | 210 | 210 | 20 | 11 | B8G | P |
| PTS | 047 231 800 0000 | 00 | 045 231 600 | | 26 | 5.5 | 250 | 250 | 40 | 6 | B7 | P |
| PTS | 007 231 800 0000 | 40 | 005 231 600 | G1 | 26 | 8.2 | 250 | 250 | 32 | 6 | B7 | P |
| PTSA | 98X 231 700 0000 | 40 | 869 231 500 | G1 | 26 | 5.5 | 200 | 200 | 40 | | B7 | DDP |
| PTSD | X89 231 700 0000 | 40 | 968 231 500 | G1 | 26 | 5 | 250 | 200 | 40 | 6 | B7 | DDP |
| PTT120P | 841 238 510 0000 | 00 | 641 237 410 | | 18 | 1.5 | 250 | | 10 | 5.5 | B8D | TT |
| PTT141 | 802 441 443 0000 | 00 | 602 441 443 | | 6.3 | 1.2 | 150 | | 22 | 25 | B9A | T |
| PTT202 | 412 378 010 0000 | 00 | 412 356 010 | | 18 | 2.2 | 200 | 200 | 8 | 5.5 | B8D | P |
| PTT203 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 18 | 5 | 200 | 200 | 35 | 8.5 | A08 | P |
| PTT203P | 028 700 310 0000 | 40 | 026 500 310 | G1 | 18 | 5 | 200 | 200 | 35 | 8.5 | A08 | P |
| PTT208P | 412 378 110 0000 | 00 | 412 356 110 | | 18 | 4.5 | 200 | 200 | 18 | 6 | B8D | P |
| PTT212P | 412 378 010 0000 | 00 | 412 356 010 | | 18 | 1.6 | 200 | 200 | 10.5 | 8.5 | B8D | P |
| PTT213P | 412 378 010 0000 | 00 | 412 356 010 | | 6.3 | 1.6 | 200 | 200 | 10.5 | 8.5 | B8D | P |
| PTT214P | 412 387 110 0000 | 00 | 412 365 110 | | 6.3 | 1.8 | 150 | 150 | 12.5 | 13.5 | B8D | P |
| PTT216 | 402 108 073 0000 | 00 | 402 106 053 | | 6.3 | 1.8 | 150 | 150 | 12.5 | 13.5 | B8D | P |
| PTT217 | 123 141 718 0000 | 00 | 123 141 516 | | 6.3 | 1.6 | 150 | 150 | 12.5 | 16 | B9A | P |
| PTT241P | 412 378 000 0000 | 00 | 412 356 *00 | | 6.3 | 2.9 | 250 | 225 | 34 | 12.5 | B8D | P |
| PTT243P | 421 378 130 0000 | 00 | 421 356 130 | | 6.3 | 1.5 | 150 | 150 | 26 | 28 | B8D | P |
| PTT244P | 817 141 230 0000 | 00 | 615 141 230 | | 18 | 1.5 | 150 | 150 | 26 | 27 | B8D | P |
| PTZ | 007 231 800 0000 | 40 | 005 231 600 | G1 | 40 | 5.5 | 250 | 200 | 40 | 7.5 | B7 | P |
| PV06-20 | 400 237 100 0000 | 80 | 400 235 100 | A1 | 6 | 40 | 200 | 300 | 40 | 4 | B7 | P |
| PV06-25 | 401 237 100 0000 | 80 | 401 235 100 | A1 | 6 | 40 | 200 | 300 | 40 | 4 | B7 | P |
| PV1-35 | 401 237 100 0000 | 80 | 401 235 100 | A1 | 12 | 25 | 250 | 200 | 40 | 2 | B7 | P |
| PV4 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| PV25 | 0X1 231 900 0000 | 00 | 091 231 800 | | 25 | | | | 60 | | B7 | RR |
| PV29 | 0X1 231 900 0000 | 00 | 091 231 800 | | 30 | | | | 60 | | B7 | RR |
| PV29S | 123 190 0X0 0000 | 00 | 123 180 090 | | 30 | | | | 60 | | 8SC | RR |
| PV30 | 0X1 231 900 0000 | 00 | 091 231 800 | | 30 | | | | 30 | | B7 | RR |
| PV30A | 123 190 0X0 0000 | 00 | 123 180 090 | | 30 | | | | 30 | | 8SC | RR |
| PV30S | 123 1X0 090 0000 | 00 | 123 190 080 | | 30 | | | | 60 | | 8SC | RR |
| PV75/1000 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| PV200/600 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| PV400 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | R |
| PV430 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| PV3018 | 1X0 912 300 0000 | 00 | 190 812 300 | | 30 | | | | 60 | | C7 | RR |
| PVB6 | 9X2 310 000 0000 | 00 | 892 310 000 | | 6 | | | | 60 | | B5 | RR |
| PX2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 22 | 150 | | 22 | 1.5 | B5 | T |
| PX4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 43 | 300 | | 43 | 6 | B4 | T |
| PX5 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 34 | 400 | | 62.5 | 6.5 | B4 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| PX25 | 842 300 000 0000 | 00 | 642 300 000 | | 4(5) | 31 | 400 | | 40 | 7.5 | B4 | T |
| PX25A | 842 300 000 0000 | 00 | 642 300 000 | | 4(5) | 100 | 400 | | 62.5 | 3.7 | B4 | T |
| PX41 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 49 | 6 | B4 | T |
| PX230 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 15 | 150 | | 17.5 | 3.5 | B4 | T |
| PX230SW | 802 300 000 0000 | 40 | 602 300 000 | G1 | 2 | 15 | 150 | | 18 | 3.5 | B4 | T |
| PX240 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 32 | 200 | | 25 | 3 | B4 | T |
| PX2100 | 842 300 000 0000 | 00 | 642 300 000 | | 7.5 | 30 | 400 | | 18 | 1.6 | SM4 | T |
| PY31 | 020 090 310 0000 | 00 | 020 080 310 | | 17 | | | | 120 | | A08 | R |
| PY32 | 029 090 310 0000 | 00 | 026 060 310 | | 29 | | | | 180 | | A08 | R |
| PY71 | 200 900 030 0000 | 10 | 200 800 030 | C | 21 | | | | 120 | | B8B | R |
| PY80 | 001 230 009 0000 | 00 | 001 230 008 | | 19 | | | | 180 | | B9A | R |
| PY81 | 000 230 009 0000 | 10 | *** 23* **8 | C | 17 | | | | 120 | | B9A | R |
| PY82 | 001 230 009 0000 | 00 | *** 23* **8 | | 19 | | | | 180 | | B9A | R |
| PY83 | 000 230 009 0000 | 10 | *** 23* **8 | C | 20 | | | | 120 | | B9A | R |
| PY88 | 000 230 009 0000 | 10 | *** 23* **8 | C | 26 | | | | 120 | | B9A | R |
| PY300 | 029 090 310 0000 | 00 | 028 08* 310 | | 29 | | | | 180 | | A08 | R |
| PY600 | 909 230 990 0000 | 10 | *82 23* 88* | | 42 | | | | 100 | | B9D | R |
| PY800 | 000 230 009 0000 | 10 | *** 23* **6 | C | 19 | | | | 120 | | B9A | R |
| PY801 | 000 230 009 0000 | 10 | *** 23* **6 | C1 | 19 | | | | 170 | | B9A | R |
| PZ | 284 730 000 0000 | 00 | 264 530 000 | | 2.5 | 16.5 | 250 | 250 | 31 | 2.5 | UX5 | P |
| PZO3-3 | 401 237 000 0000 | 80 | 401 235 000 | A1 | 4 | 25 | 300 | 125 | 25 | 1.4 | B7 | P |
| PZ05-15 | 401 237 000 0000 | 80 | 401 235 000 | A1 | 4 | | 400 | 150 | 40 | 1.2 | B7 | P |
| PZ30 | 02X 193 210 0000 | 00 | 029 183 210 | | 26 | | | | 120 | | A08 | RR |
| PZH | 287 413 000 0000 | 00 | 265 413 000 | | 2.5 | 16.5 | 250 | 250 | 34 | 2.2 | UX6 | P |
| QA2400 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| QA2401 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| QA2402 | 412 380 700 0000 | 00 | 412 36* 500 | | 6 | 13.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| QA2403 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2.0 | 250 | 250 | 10.0 | 7.5 | B7G | P |
| QA2404 | 1X2 310 900 0000 | 00 | 192 310 800 | | 6 | 1.6 | 200 | 150 | 4.0 | 6.4 | B7G | DD |
| QA2405 | 241 878 153 0000 | 00 | 241 657 143 | | 6 | 14 | 250 | 150 | 30 | 3.9 | B9G | PP |
| QA2406 | 581 228 413 0000 | 00 | 471 226 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| QA2407 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| QA2408 | 581 481 230 0000 | 00 | 471 461 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| QB65 | 481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| QB309 | 841 228 513 0000 | 00 | 641 227 413 | | 6 | 2 | 250 | | 10 | 5.5 | B9A | TT |
| QB329 | X41 228 413 0000 | 00 | 741 226 413 | | 12.6 | 8.5 | 250 | | 10.5 | 2.2 | B9A | TT |
| QB339 | X41 228 413 0000 | 00 | 741 226 413 | | 12.6 | 2 | 250 | | 1.2 | 1.6 | B9A | TT |
| QC05/35 | 237 242 300 0000 | 80 | 235 242 300 | A1 | 1.6 | | 200 | 200 | 100 | 7 | A08 | P |
| QD77 | 192 310 X00 0000 | 00 | 182 310 900 | | 6 | | | | | | B7G | DD |
| QE04/10 | 287 711 413 0000 | 00 | 265 511 413 | | 6 | 12 | 300 | 150 | 25 | 1.9 | B9G | P |
| QE05 | 127 141 300 0000 | 80 | 125 141 300 | A1 | 6 | | 200 | 200 | 100 | 7 | A08 | P |
| QE06/50 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 14 | 200 | 250 | 83 | 6.5 | UX5 | P |
| QL77 | 802 384 100 0000 | 00 | 6*2 364 100 | | 6 | 8.5 | 250 | | 10.5 | 2.2 | B7G | T |
| QN77 | 412 380 700 0000 | 00 | 412 360 500 | | 6 | 12.5 | 250 | 250 | 16 | 2.6 | B7G | P |
| QP21 | 548 237 800 0000 | 00 | 446 235 700 | | 2 | 4.5 | 150 | 150 | 11 | 2.3 | B7 | PP |
| QP22A | 487 230 785 0000 | 00 | 465 230 574 | | 2 | 12 | 150 | 150 | 3 | 4 | B9 | PP |
| QP22B | 458 237 800 0000 | 00 | 446 235 700 | | 2 | 11.7 | 150 | 150 | 3.8 | | B7 | PP |
| QP25 | 208 745 830 0000 | 00 | 207 544 630 | | 6 | 2 | 150 | 125 | 10 | 3 | M08 | PP |
| QP230 | 548 237 800 0000 | 00 | 446 235 700 | | 2 | 9.6 | 150 | 125 | 4.6 | 3 | B7 | PP |
| QP240 | 487 230 785 0000 | 00 | 465 230 574 | | 3 | 5 | 150 | 150 | 25 | 4 | B9 | PP |
| QQ03/12 | 801 237 144 0000 | 00 | 602 235 144 | | 6 | | 300 | 250 | 45 | 7 | B9A | P |
| QQC03/14 | 415 238 782 0000 | 00 | 412 657 240 | | 3.1 | | 200 | 200 | 30 | 3.2 | B9A | PP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| QQC04/15 | 283 824 740 0000 | 00 | 263 724 540 | | 6 | 14 | 200 | 200 | 20 | 2 | B8B | P |
| QQE02-5 | 417 228 783 0000 | 00 | 414 226 573 | | 6.3 | 50 | 250 | 200 | 45 | 10.5 | B9A | PP |
| QQE03-12 | 514 228 783 0000 | 00 | 414 226 573 | | 6.3 | 15 | 200 | 200 | 30 | 3.3 | B9A | PP |
| QQE03/20 | 257 134 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 17 | 400 | 200 | 20 | 2.5 | B7A | PP |
| QQE04-20 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 26 | 400 | 250 | 30 | 3 | B7A | PP |
| QQE06-40 | 257 134 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | | 400 | 250 | 30 | 3.4 | B7A | PP |
| QQV02-6 | 415 228 783 0000 | 00 | 414 226 573 | | 6.3 | 2.5 | 150 | 150 | 25 | 10.5 | B9A | PP |
| QQV03-10 | 514 228 783 0000 | 00 | 414 226 573 | | 6 | 10 | 200 | 150 | 30 | 3.3 | B9A | PP |
| QQV03-20 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 17 | 300 | 200 | 20 | 2.5 | B7A | PP |
| QQV03-25 | 257 104 300 0000 | 88 | 345 124 300 | A1/A2 | 6.3 | 15 | 400 | | 40 | 2.5 | B7A | PP |
| QQV04-15 | 257 134 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 27 | 400 | 250 | 30 | 3 | B7A | PP |
| QQV04-20 | 251 731 420 0000 | 88 | 241 531 420 | A1/A2 | 6 | 23 | 400 | 200 | 25 | 4 | B7A | PP |
| QQV06-40 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | | 400 | 250 | 30 | 3.4 | B7A | PP |
| QQV07-40 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | | 300 | 250 | 25 | 1.9 | B7A | PP |
| QQV07-50 | 257 104 300 0000 | 88 | 345 124 300 | | 6.3 | | 400 | 250 | 100 | 4.5 | B7A | PP |
| QQV07-50 | 347 125 300 0000 | 88 | | | 6.3 | | 400 | 250 | 100 | 4.5 | B7A | PP |
| QQZ03-20 | 247 105 200 0000 | 88 | 245 1*4 200 | A1/A2 | 1.6 | | 300 | 250 | 40 | 4 | B7A | PP |
| QQZ04-15 | 283 825 740 0000 | 00 | 273 625 540 | | 3 | 10 | 300 | 200 | 20 | 2 | B8B | PP |
| QQZ06-40 | 257 304 200 0000 | 88 | 245 3*4 200 | A1/A2 | 2.1 | | 200 | 200 | 30 | 4.5 | B7A | PP |
| Q/U37 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 1.4 | | | | | | B3G | D |
| Q/U452 | 230 000 000 0000 | 90 | 230 000 000 | D1 | 2 | | | | | | B3G | D |
| QU456 | 230 000 000 0000 | 90 | 328 000 000 | | 6.3 | | | | | | B3G | D |
| QV03-12 | 801 237 144 0000 | 00 | 602 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |
| QV04-7 | 287 711 413 0000 | 00 | 265 511 413 | | 6 | 30 | 300 | 250 | 25 | 1.9 | B9G | P |
| QV04-12 | 801 237 144 0000 | 00 | 601 235 144 | | 6 | 7.5 | 250 | 250 | 45 | 7 | B9A | P |
| QV04-15 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 60 | 400 | 250 | 90 | | B7A | PP |
| QV04-20 | 241 731 520 000 | 88 | 241 531 420 | A1/A2 | 6 | 22 | 400 | 200 | 25 | 4 | A08 | PP |
| QV05-25 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 12.5 | 300 | 250 | 83 | 6.5 | UX5 | P |
| QV06-20 | 127 141 310 0000 | 80 | 125 141 310 | A1 | 6 | 28 | 200 | 200 | 100 | 7 | A08 | P |
| QW77 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| QZ06-20 | 237 242 300 0000 | 80 | 235 242 300 | | 1.6 | | 200 | 100 | 100 | | A08 | T |
| QZ77 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.6 | B7G | P |
| R1 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| R2 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| R4B | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 60 | | B4 | R |
| R10 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 5 | | B7G | R |
| R11 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 5 | | B4 | R |
| R12 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | 0.1 | | B3G | D |
| R13A | 029 0X0 310 0000 | 00 | 028 090 310 | | 13 | | | | 30 | | A08 | RR |
| R14 | 029 1X3 210 0000 | 00 | 028 193 210 | | 26 | | | | 120 | | A08 | RR |
| R16 | 123 000 000 0000 | 90 | 123 000 000 | D1 | 1.4 | | | | 2 | | B3G | D |
| R17 | 001 230 000 0000 | 90 | **1 23* *** | D1 | 6 | | | | 120 | | B9A | R |
| R19 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 1.2 | | | | | | B9A | D |
| R20 | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 2 | | | | | | B9A | R |
| R41 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| R43 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 180 | | B4 | RR |
| R52 | 030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 60 | | 20mA | RR |
| R80 | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 24 | 250 | | 20 | 4 | UX4 | T |
| R116 | 028 740 310 0000 | 40 | 026 540 310 | G1 | 10 | 2.2 | 200 | 200 | 8 | | A08 | P |
| R120 | 028 040 310 0000 | 00 | 026 040 310 | | 6.3 | | 250 | | 60 | 6.4 | A08 | T |
| R122N | 028 710 310 0000 | 40 | 026 510 310 | G1 | 18 | | 200 | 200 | 8 | 5.5 | A08 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| R123 | 028 700 310 0000 | 40 | 026 500 310 | G1 | 18 | | 200 | 200 | 35 | 8.5 | A08 | P |
| R125C | 028 9X0 310 0000 | 40 | 026 890 310 | G1 | 18 | 5.5 | 250 | | 5 | 2.5 | A08 | DDT |
| R126F | 028 710 310 0000 | 40 | 026 510 310 | G1 | 18 | | 200 | 200 | 6 | 1.7 | A08 | P |
| R128 | 029 1X0 310 0000 | 00 | 028 190 310 | | 18 | | | | | | A08 | DD |
| R134 | 028 741 310 0000 | 00 | 026 541 310 | | 18 | | 200 | 200 | 18 | 6 | A08 | P |
| R142 | 412 378 010 0000 | 00 | 412 356 010 | | 6.3 | | 200 | 200 | 10.5 | 8.5 | B8D | P |
| R143 | 412 378 010 0000 | 00 | 412 356 010 | | 6.3 | | 200 | 200 | 8 | 5.5 | B8D | P |
| R144 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 2 | 250 | 250 | 10 | 7.6 | B7G | P |
| R145 | 412 378 010 0000 | 00 | 412 356 010 | | 18 | | 200 | 200 | 8 | 5.5 | B8D | P |
| R147 | 412 378 110 0000 | 00 | 412 356 110 | | 18 | | 200 | 200 | 18 | 6 | B8D | F |
| R148 | 841 238 510 0000 | 00 | 641 237 410 | | 18 | | 250 | | 10 | 5.5 | B8D | TT |
| R150 | 123 141 718 0000 | 00 | 123 141 516 | | 6.3 | 1.6 | 150 | 150 | 12.5 | 16 | B9A | P |
| R236 | 028 710 300 0000 | 40 | 026 510 300 | G1 | 1.2 | 2 | 100 | 100 | 1 | 0.5 | A08 | P |
| R242P | 400 123 080 0000 | 00 | 400 123 060 | | 6.3 | 4.5 | 150 | | 15 | 4.3 | B5A | T |
| R244 | 402 013 080 0000 | 00 | 402 013 060 | | 6.3 | | 150 | | 13 | | B8D | T |
| R265 | 412 380 710 0000 | 00 | 412 360 510 | | 6.3 | | 100 | 100 | 7.5 | 5 | B8D | P |
| R271 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 2 | 150 | 125 | 5.2 | 3.2 | B8D | P |
| R290 | 020 090 030 0000 | 00 | 020 080 030 | | 1.2 | | | | 5 | | A08 | D |
| R2018 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 2.5 | 200 | | 2.5 | 3 | B5 | T |
| R5559 | 802 101 413 0000 | 00 | 6*2 1*1 413 | | 6.3 | 1.5 | 150 | | 25 | 25 | B5D | T |
| RA | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | 30 | | B5 | RR |
| RA1 | 384 200 000 0000 | 00 | 364 200 000 | | 15 | 4.5 | 90 | | 4.5 | 1.2 | UX4 | T |
| RB350/80 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| RB500/120 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| RB650/250 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| RC5B | 023 009 080 0000 | 40 | 023 008 060 | G1 | 12.6 | 0 | 100 | | 24 | 6 | 8SC | DT |
| RC5C | 023 009 080 0000 | 40 | 023 008 060 | G1 | 2.4 | 0 | 100 | | 24 | 6 | 8SC | DT |
| RE034 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 200 | | 2 | 1.2 | B4 | T |
| RE052 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 3 | 150 | | 1 | 1 | B4 | T |
| RE054 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.3 | B4 | T |
| RE062 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 9 | 150 | | 4 | 1 | B4 | T |
| RE074 | 842 300 000 0000 | 00 | 642 200 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | B4 | T |
| RE074D | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 3 | 150 | | 3.5 | 0.5 | B5 | T |
| RE074N | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 3.5 | 0.9 | B4 | T |
| RE076 | 842 300 000 0000 | 00 | 642 300 000 | | 6 | 9 | 150 | | 4 | 1.5 | B4 | T |
| RE084 | 842 300 000 0000 | 00 | 642 200 000 | | 4 | 4 | 150 | | 4 | 1.5 | B4 | T |
| RE114 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 15 | 150 | | 13 | 1.3 | B4 | T |
| RE122 | 842 300 000 0000 | 00 | 264 300 000 | | 2 | 4.5 | 150 | | 3 | 1.3 | UX4 | T |
| RE122 | 284 300 000 0000 | 00 | 642 300 000 | | 2 | 19 | 150 | | 7 | 1.2 | B4 | T |
| RE124 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 18 | 150 | | 11 | 1.6 | B4 | T |
| RE134 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 17 | 250 | | 12 | 2 | B4 | T |
| RE144 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 9 | 150 | | 2 | 0.7 | B4 | T |
| RE304 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 32 | 250 | | 20 | 1.9 | B4 | T |
| RE402B | 084 235 800 0000 | 00 | 064 234 700 | | 2 | 0 | 150 | | 3 | | B7 | TT |
| RE404 | 842 300 000 0000 | 00 | 642 300 000 | | 3.5 | 125 | 200 | | | 0.6 | B4 | T |
| RE604 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 45 | 250 | | 40 | 2.5 | B4 | T |
| REL39 | 402 387 100 0000 | 00 | 402 365 100 | | 6.3 | 2 | 300 | 150 | 10 | 9 | B7G | P |
| REN704 | 872 310 000 0000 | 40 | 652 310 000 | G1 | 4 | | 100 | | 2 | 1.2 | B5 | P |
| REN904 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| REN914 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 0.2 | | B5 | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|----------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| REN924 | 842 310 000 0000 | 90 | 642 310 000 | D1 | 4 | 3 | 200 | | 6 | 2 | B5 | DT |
| REN1004 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | | 200 | | | 1.5 | B5 | T |
| REN1104 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 200 | | 12 | 1.3 | B5 | T |
| REN1814 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 1.6 | 200 | | 0.2 | 1 | B5 | T |
| REN1817D | 872 310 000 0000 | 40 | 652 310 000 | G1 | 20 | | 100 | 100 | | 1.1 | B5 | P |
| REN1821 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 3 | 200 | | 6 | 2.3 | B5 | T |
| REN1822 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 18 | 200 | | 15 | 1.6 | B5 | P |
| REN1826 | 842 310 000 0000 | 90 | 642 310 000 | D1 | 20 | 3 | 200 | | 6 | 1.8 | B5 | DT |
| RENS1204 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| RENS1214 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2.2 | 200 | 100 | 6 | 1 | B5 | P |
| RENS1224 | 184 772 300 0000 | 40 | 164 552 300 | G1 | 4 | 1.5 | 200 | 125 | 3 | 0.6 | C7 | P |
| RENS1234 | 187 472 300 0000 | 40 | 165 452 300 | G1 | 4 | 2 | 200 | 75 | 3 | 1.8 | C7 | P |
| RENS1264 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| RENS1264 B1 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2 | B4 | T |
| RENS1274D | 842 310 000 0000 | 70 | | | 4 | 18 | 250 | 250 | 24 | 2.5 | B5 | P |
| RENS1284 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.5 | B5 | P |
| RENS1294 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4.5 | 2 | B5 | P |
| RENS1374D | | | 642 310 000 | G2 | 4 | 18 | 250 | 250 | 24 | 2.5 | B5 | P |
| RENS1384 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 22 | 250 | 250 | 36 | 2.8 | B5 | P |
| RENS1818 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| RENS1819 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | | 200 | 60 | 4 | 1 | B5 | P |
| RENS1823D | 842 310 000 0000 | 70 | 642 310 000 | G2 | 20 | 18 | 200 | 200 | 20 | 1.7 | B5 | P |
| RENS1884 | 742 310 000 0000 | | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 3 | 2.4 | B5 | P |
| RENS1894 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.2 | 200 | 100 | 4 | 1.8 | B5 | P |
| RES094 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 2 | 200 | 75 | 4 | 7 | B5 | P |
| RES105 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 5 | 15 | 200 | 150 | 12 | 1.3 | B4 | P |
| RES164 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 11.5 | 250 | 75 | 12 | 1.4 | B5 | P |
| RES174D | 842 300 000 0000 | 70 | 642 300 000 | G2 | 4 | 19 | 250 | 150 | 12 | 1.3 | B4 | P |
| RES212 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.4 | 150 | 125 | 6 | 2.2 | B5 | P |
| RES364 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 2.5 | 300 | 200 | 20 | 1.7 | B5 | P |
| RES374 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 42 | 300 | 200 | 20 | 1.5 | B5 | P |
| RES664D | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 40 | 400 | 200 | 30 | 1.9 | B5 | P |
| RES964 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 15 | 250 | 250 | 36 | 2.8 | B5 | P |
| RFG5 | 003 200 000 0000 | 90 | 003 200 000 | D1 | 6 | | | | | | F8 | R |
| RFP8/14 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 20 | 400 | 250 | 35 | 4 | B7 | P |
| RFP8/14 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 20 | 400 | 250 | 35 | 4 | B5 | P |
| RG250/ 1000 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 120 | | B4 | R |
| RG250/ 3000 | 290 300 000 0000 | 00 | 280 300 000 | | 2.5 | | | | 120 | | UX4 | R |
| RGN354 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 15 | | B4 | R |
| RGN504 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| RGN564 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | RR |
| RGN1054 | | | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| RGN1074 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| RGN1304 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 60 | | B4 | R |
| RGN1404 | 092 300 000 0000 | 00 | 082 300 000 | | 4 | | | | 120 | | B4 | R |
| RGN1503 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | RR |
| RGN2504 | 9X2 300 000 0000 | 00 | 893 300 000 | | 4 | | | | 60 | | B4 | RR |
| RGN4004 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|----------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| RH | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 1.7 | 250 | 100 | 7.9 | 7 | B7 | P |
| RK10 | 284 300 000 0000 | 00 | 264 300 000 | | 7.5 | 100 | 350 | | 50 | | UX4 | T |
| RK15 | 284 300 000 0000 | 00 | 264 300 000 | | 2.5 | 33 | 250 | | 22 | 2.3 | UX4 | T |
| RK16 | 284 130 000 0000 | 00 | 264 130 000 | | 2.5 | 28 | 250 | | 26 | 2.6 | B4 | T |
| RK19 | 200 300 000 0000 | 9X | 200 300 000 | D1/D2 | 7.5 | | | | 120 | | UX4 | RR |
| RK21 | 200 300 000 0000 | 90 | 200 300 000 | D1 | 2.5 | | | | 120 | | UX4 | R |
| RK24 | 384 200 000 0000 | 00 | 364 200 000 | | 2 | 13.5 | 200 | | 8 | 1.6 | UX4 | T |
| RK39 | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 14 | 300 | 250 | 83 | 6.5 | UX5 | P |
| RK60 | 200 300 000 0000 | 9X | 200 300 000 | D1/D2 | 5 | | | | 120 | | UX4 | RR |
| RL2T2 | 238 400 000 0000 | 00 | 236 400 000 | | 1.9 | 1.5 | 100 | | 15 | 2.4 | 5AA | T |
| RL7 | 287 114 113 0000 | 00 | 265 114 113 | | 6 | 1.7 | 250 | 250 | 10 | 7.7 | B9G | P |
| RL12P2 | 287 114 113 0000 | 00 | 265 114 113 | | 12.6 | 6 | 150 | 150 | 15 | 2.3 | B9G | P |
| RL15A | 710 423 208 0000 | 00 | 510 423 206 | | 2.4 | 20 | 350 | 200 | 57 | | B9A | P |
| RL16 | 241 800 003 0000 | 00 | 241 600 003 | | 6 | 2.5 | 250 | | 10 | 6.5 | B9G | T |
| RL18 | 123 000 000 0000 | 00 | 123 000 000 | | 6 | 3.3 | 200 | | 7.5 | 2.9 | B3G | T |
| RL37 | 244 884 413 0000 | 00 | 244 664 413 | | 6 | 1.5 | 250 | | 10 | 9 | B9G | T |
| RO337 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | RR |
| RO481 | | | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| RO534 | 9X2 300 000 0000 | 00 | 892 300 000 | | 5 | | | | 60 | | B4 | RR |
| RO771 | 902 300 000 0000 | 00 | 802 300 000 | | 7.5 | | | | 120 | | B4 | R |
| RRAF | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2 | 100 | | 4 | 1.4 | B4 | T |
| RRBF | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 100 | | 10 | 1.2 | B4 | T |
| RS | 902 310 000 0000 | 00 | 802 310 000 | | 3 | | | | 60 | | B5 | R |
| RS242 | 842 300 000 0000 | 00 | 642 300 000 | | 3.8 | 5 | 400 | | 70 | 3 | B4 | T |
| RS1009 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 25 | 400 | 250 | 30 | 3.4 | B7A | PP |
| RS1019 | 247 235 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 20 | 400 | 250 | 20 | 2.5 | B7A | PP |
| RSAF | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 150 | 75 | 4.5 | 1.2 | B4 | T |
| RT1-2 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.6 | 150 | | 26 | 2.5 | B4 | T |
| RT2 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 200 | | 18 | 1.7 | B4 | T |
| RT3 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.3 | 300 | | 15 | 2.8 | B4 | T |
| RTR4141 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 5.2 | 3 | 250 | 100 | 2.5 | 1.2 | A08 | P |
| RTR4142 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 5.2 | 8 | 250 | 125 | 15 | 2.7 | A08 | P |
| RTR4341 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 21 | 2.2 | 150 | 8 | 8 | 8 | B4 | P |
| RTR4342 | 007 231 800 0000 | 40 | 005 231 600 | G1 | 21 | 5.8 | 150 | 125 | 48 | 9 | B7 | P |
| RV12P2000 | 470 812 310 0000 | 00 | 450 612 310 | | 12.6 | 2.3 | 200 | 75 | 1.8 | 1.5 | B7 | P |
| RV120/250 | 9X2 300 000 0000 | 00 | | | 12.6 | 2.3 | 200 | 75 | 1.8 | 1.5 | B7 | P |
| RV120/ 350S | [023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| RV120/ 500S | [023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| RV200/600 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| RV210 | 042 310 000 0000 | 80 | 042 310 000 | A1 | 4 | 53 | 400 | | 70 | 5.8 | B5 | T |
| RX21 | 200 030 000 0000 | 90 | 200 030 000 | D1 | 2.5 | | | | 120 | | UX5 | R |
| RX215 | 39X 200 000 0000 | 00 | 389 200 000 | | 2.5 | | | | 5 | | UX4 | RR |
| RZ | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| S2 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 2.3 | 1.1 | B4 | P |
| S2P20 | 801 227 413 0000 | 00 | 601 225 413 | | 5 | 10 | 150 | 150 | 28 | 4.4 | B9A | P |
| S4V | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 75 | 1.5 | 1.1 | B5 | P |
| S4VA | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 2.8 | 2 | B5 | P |
| S4VB | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 125 | 4.6 | 2.5 | B5 | P |
| S6F12 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.5 | B7G | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| S6F17 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 5 | 100 | 100 | 12.5 | 4 | B7G | P |
| S6F17F | 412 381 700 0000 | 00 | | | 6.3 | | 200 | 200 | 17 | 4 | B7G/F | P |
| S6F33 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 3.3 | 200 | 200 | 7.1 | 4 | B7G | P |
| S11E12 | 028 741 310 0000 | 00 | *26 541 310 | | 6.3 | 8.5 | 150 | 150 | 200 | 13.5 | A08 | P |
| S12 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 100 | 30 | 2.5 | 0.7 | SM4 | P |
| S19G6 | 012 300 000 0000 | 90 | *12 3** *00 | D1 | 4 | | | | 30 | | B7G | R |
| S21 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 2 | 1.1 | B4 | P |
| S22 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 1.5 | 1.7 | B4 | P |
| S23 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 2.8 | 1.1 | B4 | P |
| S24 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 75 | 3.2 | 1.4 | B4 | P |
| S30C | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 38 | 300 | | 50 | 5 | B4 | T |
| S30D | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 38 | 300 | | 50 | 5 | B4 | T |
| S207 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 200 | 100 | 3 | 0.7 | B4 | P |
| S208 | 542 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 200 | 100 | 2 | 0.8 | B4 | P |
| S209 | 023 010 780 0000 | 40 | 023 010 560 | G1 | 2 | 0.5 | 150 | 125 | 2.4 | 0.7 | 8SC | P |
| S210 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 1.5 | 150 | 90 | 3 | 1.2 | B4 | P |
| S213 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 0.5 | 150 | 90 | 3 | 1.3 | B4 | P |
| S215 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 1 | 1 | 150 | 90 | | 0.9 | B4 | P |
| S215A | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 2 | 1.1 | B4 | P |
| S215B | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 1.5 | 1.2 | B4 | P |
| S215VM | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.4 | 150 | 60 | 1 | 0.8 | B4 | P |
| S217 | 742 300 000 0000 | 80 | 041 230 500 | A1 | 2 | 0.5 | 150 | 150 | 2.5 | 1.7 | B7 | P |
| S217 | 041 230 700 0000 | 80 | 542 300 000 | A1 | 2 | 0.5 | 150 | 150 | 2.3 | 1.7 | B4 | P |
| S218 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 0.5 | 150 | 150 | 3 | 1.9 | B7 | P |
| S220 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 75 | 4 | 1.1 | B4 | P |
| S310A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 10 | 3 | 150 | 150 | 5.5 | 1.9 | UX6 | P |
| S311A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 10 | 15 | 150 | 150 | 30 | 2.8 | UX5 | P |
| S328A | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | 3 | 150 | 150 | 5.5 | 1.9 | UX6 | P |
| S329A | 287 130 000 0000 | 40 | 265 130 000 | G1 | 7.5 | 15 | 150 | 150 | 30 | 2.8 | UX5 | P |
| S329L | 287 113 000 0000 | 40 | 265 113 000 | G1 | 7.5 | 50 | 150 | 125 | 30 | 2.8 | UX6 | P |
| S406/7 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 2 | 200 | 150 | 1.5 | 1 | B4 | P |
| S408 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1.5 | 200 | 75 | 4 | 0.7 | B4 | P |
| S409 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1.5 | 200 | 75 | 4 | 8.8 | B4 | P |
| S410 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1.5 | 200 | 75 | 4 | 1 | B4 | P |
| S410N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| S412N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.3 | 200 | 100 | 1.5 | 1 | B5 | P |
| S415N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 6 | 1 | B5 | P |
| S420 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 3 | 250 | 250 | 11.5 | | B7 | P |
| S423 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 3 | 250 | 100 | 8 | 1.8 | 8SC | P |
| S424 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2 | 250 | 100 | 3 | 2.1 | 8SC | P |
| S430N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.3 | 200 | 100 | 1.5 | 0.9 | B5 | P |
| S431N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 250 | 100 | 3 | 2 | B5 | P |
| S432N | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 3 | 250 | 100 | 2.5 | 2.2 | 8SC | P |
| S434N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4.5 | 2.3 | B5 | P |
| S434N | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.5 | 2 | B7 | P |
| S435N | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B7 | P |
| S435N | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B5 | P |
| S440 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.4 | 250 | 250 | 4.1 | 3.5 | B7 | P |
| S493 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4 | | B5 | P |
| S495 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 6 | 2.5 | B4 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| S617 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6.3 | 3 | 250 | 100 | 2.5 | 2.2 | 8SC | P |
| S620 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6.3 | 2.5 | 250 | 100 | 3.5 | 2 | 8SC | P |
| S1323 | 023 110 780 0000 | 40 | 061 231 500 | G1 | 13 | 3 | 200 | 100 | 8 | 1.9 | B7 | P |
| S1323 | 081 231 700 0000 | 40 | 023 110 560 | G1 | 13 | 3 | 200 | 100 | 8 | 1.9 | 8SC | P |
| S1324 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 2 | 200 | 100 | 3 | 2.4 | B7 | P |
| S1327 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2.5 | 250 | 100 | 3.5 | 2 | 8SC | P |
| S1328 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 3 | 2.4 | 8SC | P |
| S2010N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 60 | 4 | 1 | B5 | P |
| S2108 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 20 | 3 | 200 | 60 | 4 | 1.2 | B7 | P |
| S2108 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 3 | 200 | 60 | 4 | 1.2 | B5 | P |
| S2030N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 3 | 2 | B5 | P |
| S2035N | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.5 | 250 | 100 | 3.5 | 2 | B5 | P |
| S2043 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2.5 | 250 | 100 | 5 | 2 | B5 | P |
| S2020A | 274 300 000 0000 | 00 | 254 300 000 | | 2 | 1 | 150 | | 1.3 | 0.6 | UX4 | T |
| S2020B | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 150 | | 1.3 | 0.6 | UX4 | T |
| S4021A | 284 300 000 0000 | 00 | 264 300 000 | | 4 | 8 | 150 | | 20 | 3 | UX4 | T |
| S4021B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 8 | 150 | | 20 | 3 | B4 | T |
| S4022AR | 238 400 000 0000 | 00 | 236 400 000 | | 4 | 4.5 | 150 | | 5 | 2.2 | UX4 | T |
| S4022B | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4.5 | 150 | | 5 | 2.2 | B4 | T |
| S4045A | 842 370 000 0000 | 00 | 642 350 000 | | 5 | 70 | 250 | 75 | 45 | 1.5 | B5 | P |
| SD | 9X2 310 000 0000 | 00 | 892 310 000 | | 5 | | | | | | B5 | DD |
| SD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2.2 | 1.4 | B4 | T |
| SD6 | 092 310 000 0000 | 00 | *82 310 *00 | | 6 | | | | 5 | | B7G | R |
| SD61 | 213 000 000 0000 | 90 | 123 000 000 | D1 | 6 | | | | 5 | | B3G | D |
| SD917A | 402 013 080 0000 | 00 | 402 013 060 | | 6.3 | 3.6 | 100 | | 1.4 | 2.7 | B8A | T |
| SD917A | 402 013 090 0000 | 00 | | | 6.3 | 4.7 | 100 | | 1.4 | 2.7 | B8A | T |
| SE211 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 75 | 1 | 1.5 | B4 | P |
| SE2018 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 3 | 200 | 60 | 4 | 1.2 | B5 | P |
| SE2118 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 24 | 200 | 100 | 3 | 3 | B5 | P |
| SG2 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 75 | 2.5 | 1 | B4 | P |
| SG215 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 2.7 | 1 | B4 | P |
| SG215VM | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | | 1.5 | B4 | P |
| SG220SW | 872 300 000 0000 | 40 | 652 300 000 | G1 | 2 | 1.5 | 150 | 75 | 2.4 | 1.5 | B4 | P |
| SG2150 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 1.5 | 1.1 | B4 | P |
| SGA1 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 6 | 3 | B5 | P |
| SN1016 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.5 | 100 | 100 | 7.5 | 5 | B8D | P |
| SN954 | 092 913 090 0000 | 00 | 082 813 080 | | 6.3 | | | | 30 | | B8A | R |
| SN956B | 023 990 000 0000 | 00 | 023 880 000 | | 1.2 | | | | | | B3G | D |
| SN1007 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 0.8 | 100 | 100 | 5.3 | 3.2 | B8A | P |
| SN1038A | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| SN1039 | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 2 | 120 | 120 | 7.5 | 5 | B7G | P |
| SN1039A | 412 387 100 0000 | 00 | 412 365 100 | | 6.3 | 1.4 | 100 | 100 | 7 | 5.1 | B7G | P |
| SO1 | 284 300 000 0000 | 00 | 264 300 000 | | 15 | 40.5 | 200 | | 21 | 1.5 | UX4 | T |
| SO2 | 284 300 000 0000 | 00 | 264 300 000 | | 7.4 | 88 | 400 | | 55 | 2.1 | UX4 | T |
| SO401 | 002 300 000 0000 | 84 | 002 300 000 | A | 4 | | 400 | | | 2 | B4 | T |
| SP2 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | | 150 | 150 | 3 | 1.8 | B7 | P |
| SP2B | 081 230 700 0000 | 40 | 061 230 500 | G1 | 2 | 1 | 150 | 150 | 2.6 | 0.8 | 8SC | P |
| SP2BS | 032 004 780 0000 | 00 | 032 004 560 | | 2 | 0.5 | 150 | 150 | 2.6 | 0.8 | 8SC | P |
| SP2D | 081 230 700 0000 | 40 | 061 230 500 | G1 | 2 | 1 | 150 | 150 | 1.4 | 1.7 | B7 | P |
| SP2D | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 125 | 1.5 | 1.7 | B4 | P |
| SP2V | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | | 150 | 75 | 2.9 | 1.1 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|------------|------------|------------|----------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| SP4(TUNG) | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B7 | P |
| SP4(MUL) | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B7 | P |
| SP4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.3 | B5 | P |
| SP4A | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 3 | 2.4 | B7 | P |
| SP4B | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.4 | 250 | 250 | 4 | 3.4 | B7 | P |
| SP4C | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2.4 | 250 | 250 | 4 | 3.4 | 8SC | P |
| SP4S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2 | 250 | 100 | 3 | 2.5 | 8SC | P |
| SP6 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | [2 1.4 | 250 200 | 250 150 | 10 4 | 7.5 6.4 |] B7G | P |
| SP6S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2 | 250 | 100 | 3 | 2 | 8SC | P |
| SP13 | 081 231 700 0000 | 80 | 061 231 500 | A1 | 13 | 2 | 200 | 100 | 3.3 | 2.2 | B7 | P |
| SP13 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 3.3 | 2.2 | 8SC | P |
| SP13C | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 2.2 | 200 | 200 | 2.5 | 2.8 | B7 | P |
| SP13S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 150 | 100 | 3 | 2.4 | 8SC | P |
| SP20 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | | 200 | 100 | 4.5 | 3.5 | B5 | P |
| SP22 | 208 710 030 0000 | 40 | 206 510 030 | G1 | 2 | 1 | 150 | 125 | 1.1 | 1.2 | M08 | P |
| SP35 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 35 | 8 | 200 | 200 | 41 | 7 | 8SC | P |
| SP41 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 4 | 1.5 | 200 | 200 | 10.9 | 8.5 | M08 | P |
| SP42 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 4 | 1.3 | 200 | 125 | 20 | 8.4 | M08 | P |
| SP61 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 6 | 1.5 | 200 | 200 | 10.9 | 8.5 | M08 | P |
| SP62 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 6 | 1.3 | 200 | 100 | 16 | 9 | M08 | P |
| SP65 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 2 | 250 | 100 | 3 | 2.1 | 8SC | P |
| SP141 | 208 700 030 0000 | 40 | 206 500 030 | G1 | 1.4 | 1 | 90 | 90 | 1.3 | 0.8 | M07 | P |
| SP181 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 18 | 1.5 | 200 | 200 | 10.9 | 8.5 | M08 | P |
| SP210 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 125 | 125 | 1.1 | 1.2 | B7 | P |
| SP215 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 80 | 2.1 | 1.6 | B7 | P |
| SP220 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 14 | 3 | B4 | T |
| SP514 | 401 108 073 0000 | 00 | 402 106 053 | | 6.3 | 1.7 | 150 | 150 | 12.3 | 13.5 | B9A | P |
| SP804E | 211 043 000 0000 | 80 | 211 043 000 | A | 6.3 | 15 | 400 | 40 | 4 | | UX6 | T |
| SP804F | 211 043 000 0000 | 84 | 211 043 000 | A | 6.3 | 15 | 400 | | 40 | 4 | UX6 | T |
| SP1320 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 1.5 | 150 | 100 | 4.4 | 2 | B7 | P |
| SP2220 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 22 | 3 | 250 | 200 | 4.9 | 2.7 | B7 | P |
| SPT2 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 125 | 125 | 2.8 | 1.5 | B7 | P |
| SPT4A | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 250 | 100 | 2 | 2.3 | B7 | P |
| SPTA | 081 231 400 0000 | 40 | 061 231 400 | G1 | 13 | 2.5 | 200 | 100 | 2.2 | 1.4 | B7 | P |
| SPTA | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 2.5 | 250 | 100 | 2.2 | 1.4 | B7 | T |
| SPTS | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 1.5 | 250 | 100 | 2 | 3 | B7 | P |
| SR2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 16 | 200 | | 10 | 3 | B4 | T |
| SR4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 20 | 250 | | 20 | 4 | B5 | T |
| SRS4451 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 25 | 400 | 250 | 30 | 3.4 | B7A | PP |
| SS210C | 742 300 000 0000 | 80 | 542 300 000 | A | 2 | 1 | 150 | 175 | 0.6 | 1.4 | B4 | P |
| SS210D | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 2 | 1.6 | B4 | T |
| SS210DDT | 892 3X0 000 0000 | 40 | 682 390 000 | G1 | 2 | 5.5 | 150 | | 2.4 | 1.4 | B5 | DDT |
| SS210HF | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4 | 150 | | 1 | 0.8 | B4 | T |
| SS210HL | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 21.4 | 12.5 | B4 | T |
| SS220P | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 6 | 1.5 | B4 | T |
| SS220PA | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 6 | 150 | | 8 | 3.5 | B4 | T |
| SS220SP | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 14 | 3.5 | B4 | T |
| SS2018 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 3 | 200 | 100 | 3 | 3 | B5 | P |
| ST507 | 802 441 443 0000 | 00 | 602 441 443 | | 6.3 | 1.2 | 150 | | 23 | 25 | B9A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|----------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| SU25 | 020 000 300 0000 | 90 | *2* 0** 3*0 | D1 | 2 | | | | | | A08 | D |
| SU42 | 030 000 020 0000 | 90 | 030 000 020 | D1 | 4 | | | | | | A08 | R |
| SU45 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 30 | | B7G | R |
| SU61 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | 0.35 | | B3G | D |
| SU3130 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | | | B4 | D |
| SW1 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | R |
| SWG2 | 872 300 000 0000 | 40 | 652 300 000 | G1 | 2 | | 150 | 75 | | 1.5 | B4 | P |
| T2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 100 | | | 1 | B4 | T |
| T2M05 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [0 3 | 100 150 | | 8.5 5 | 5.3 4.5 | B7G | TT |
| T4D | 123 000 000 0000 | 90 | 123 000 000 | D1 | 4 | | | | 5 | | B3G | D |
| T5D | 123 000 000 0000 | 90 | 123 000 000 | D1 | 6 | | | | 5 | | B3G | D |
| T6D | 213 000 000 0000 | 90 | 213 000 000 | D1 | 6.3 | | | | 5 | | B3G | R |
| T13U | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 4 | 200 | | 5.9 | 2.6 | 8SC | T |
| T41 | 218 040 030 0000 | 00 | 216 040 030 | | 4 | | 100 | | 30 | 2k | M08 | THY |
| T113 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 3 | 3 | 12 | 12 | 0.2 | 0.2 | B4 | P |
| T116 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 1.2 | 3 | 12 | 12 | 0.2 | 0.2 | | |
| T134 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 4 | 1 | 150 | 75 | | | | |
| T136 | 842 300 000 0000 | 00 | | | 4 | 8 | 200 | | 6 | .6 | B4 | T |
| T151 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 4 | 15 | 200 | 150 | 12 | 1.8 | B4 | P |
| T204 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 1 | 150 | | 1.8 | 0.6 | 8SC | T |
| T223 | 023 004 080 0000 | 00 | 023 004 060 | | 2 | 2 | 125 | | 3 | 2.5 | 8SC | T |
| T435 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 4 | 5 | 250 | | 6 | 2.5 | 8SC | T |
| T460 | 023 004 080 0000 | 00 | 023 004 060 | | 4 | 45 | 250 | | 60 | 6 | 8SC | T |
| T635 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 6.3 | 16 | 250 | | 20 | 2.2 | 8SC | T |
| T1335 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 13 | 4.5 | 225 | | 6 | 2.5 | 8SC | T |
| TB13 | 902 310 000 0000 | 00 | 802 310 000 | | 13 | | | | | | B5 | D |
| TB032 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 30 | 150 | | 12 | 1.5 | B4 | T |
| TB052 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 15 | 150 | | 7 | 1.2 | B4 | T |
| TB062 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 10.5 | 150 | | 13 | 2 | B4 | T |
| TB102 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4 | 150 | | 5 | 1.3 | B4 | T |
| TB122 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 6 | 3.5 | B4 | T |
| TB172 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 4 | 1.4 | B4 | T |
| TB282 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 150 | | 2 | 1.3 | B4 | T |
| TB402 | 548 230 800 0000 | 00 | 446 230 700 | | 4 | | 150 | | 6 | | B7 | TT |
| TB452 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 75 | 2 | 1.5 | B4 | P |
| TB552 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 75 | 4 | 1.5 | B4 | P |
| TB622 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | | 150 | 90 | 2 | 1.4 | B4 | P |
| TB9920 | 842 310 000 0000 | 00 | 642 310 000 | | 20 | 1.5 | 200 | | 0.2 | 4 | B5 | T |
| TBC14 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 7 | 250 | | 4 | 2 | B7 | DDT |
| TBC113 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 13 | 5 | 200 | | 4 | 3.6 | B7 | DDT |
| TC05-25 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | | 400 | | 65 | 2.2 | B4 | T |
| TC432 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B5 | P |
| TC432 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 4.5 | 150 | 150 | 9.5 | 2.5 | B4 | P |
| TD05-12 | 021 010 310 0000 | 84 | *21 010 310 | A1/G1 | 6 | | 150 | | 10 | 4 | A08 | T |
| TD044 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 250 | | 40 | 3 | B4 | T |
| TD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 7 | 150 | | 4 | 0.9 | B4 | T |
| TDD1C | 023 19X 080 0000 | 00 | 023 189 060 | | 13 | 5 | 200 | | 4 | 2 | B7 | DDT |
| TDD13 | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 13 | 1 | 100 | | | 2.9 | 8SC | DDT |
| TDD25 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 25 | 1 | 100 | | 4 | 2 | B7 | DDT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|-----|--------------|------------|------------|-------------|-----------------------------|---------------|----------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| TE2 | 029 0X0 310 0000 | 00 | 028 090 310 | | 26 | | | | 30 | | A08 | RR |
| TE3 | 029 0X0 310 0000 | 00 | 028 090 310 | | 12 | | | | 30 | | A08 | RR |
| TE5 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6.3 | | | | 30 | | A08 | RR |
| TE094 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 200 | | 12 | 1.3 | B5 | T |
| TE104 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 26 | 400 | | 61 | 4 | B4 | T |
| TE244 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| TE384 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 200 | | 3 | 1.5 | B5 | T |
| TE424 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 3 | 2 | B5 | P |
| TE434 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 14 | 250 | 250 | 36 | | B5 | P |
| TE464 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | | 200 | 100 | 3 | 2.5 | B7 | P |
| TE474 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.5 | 2 | B7 | P |
| TE534 | 842 310 000 0000 | 70 | 642 310 000 | G2 | 4 | 15 | 250 | 250 | 24 | | B5 | P |
| TE564 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 1.5 | 200 | 100 | 4.5 | 2.2 | B7 | P |
| TE634 | 047 231 800 0000 | 00 | 045 231 600 | | 4 | 22 | 250 | 250 | 36 | | B7 | P |
| TE994 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.6 | 250 | | 4 | 4 | B5 | T |
| TF64 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.7 | 250 | 250 | 11 | 2 | B7 | P |
| TF104 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 36 | 400 | | 61 | 4 | B4 | T |
| TH1 | 288 475 131 0000 | 00 | 276 454 300 | | 6.3 | | 100 | | 4 | | | |
| TH4 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 4 | [4 2] | 250 200 | 150 100 | 4 6 | 1.2 | [B8B B7] | TH TH |
| TH13C | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 13 | [2 1.5] | 150 250 | 75 | 6 4.0 | 1.2 1.8 | [B7] | TH |
| TH21C | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 21 | [2 1.5] | 150 250 | 75 | 6 4 | 1.2 1.8 | [B7] | TH |
| TH22C | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 29 | [2 2] | 150 250 | 100 | 5 3.5 | 6 | [B7] | TH |
| TH29 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 29 | [2 2] | 100 250 | 100 | 12.0 3.5 | 4.5 | [B7] | TH |
| TH30 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 30 | [2 2] | 100 150 | | 9.5 | 5.5 | [B7] | TH |
| TH30C | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 29 | [2 2.5] | 250 250 | 100 | 3.5 3.25 | | [B7] | TH |
| TH31 | [218 840 730 0000 218 050 730 0000 | [50 50] | 217 740 530 | G1 | 4 | [3 3] | 100 250 | 100 | 10.2 3 | 4 3 | [M08] | TH |
| TH41 | [218 840 730 0000 218 050 730 0000 | [50 50] | 217 640 530 | G1 | 4 | [3 3] | 100 250 | 100 | 10.2 3 | 4 3.1 | [M08] | TH |
| TH62 | [028 748 310 0000 028 750 310 0000 | [50 50] | 027 546 310 | G1 | 6 | [2 2] | 100 250 | 100 | 4.4 3 | 2.4 | [A08] | TH |
| TH232 | [847 231 800 0000 057 231 800 0000 | [00 00] | 645 231 700 | | 23 | [3 3] | 75 150 | 100 | 4.5 3 | | [B7] | TH |
| TH233 | [218 840 730 0000 218 050 730 0000 | [50 50] | 217 640 530 | G1 | 23 | [2 2] | 100 150 | 100 | 14 2.6 | 2.1 3 | [M08] | TH |
| TH401 | | | 174 652 300 | G1 | 4 | [2 2] | 150 75 | 75 | 11 2.5 | 2 | [C7] | TH |
| TH2320 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 23 | [3 3] | 100 150 | 100 | 4.5 3 | 5.3 | [B7] | TH |
| TH2321 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 23 | [2 2] | 100 150 | 100 | 4 2.6 | 5.2 3 | [B7] | TH |
| TH2620 | [847 231 800 0000 057 231 800 0000 | [50 50] | 645 231 700 | G1 | 26 | [1 1] | 100 250 | 100 | | 5.3 3.9 | [B7] | TH |
| TK406 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 5 | 250 | 250 | 0.1 | †2.0 | 8SC | TI |
| Ø TM05 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [0.8 3] | 100 150 | | 8.5 5 | 5.3 4.5 | [B7G] | TT |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|------------|------------|-----|------------|-------------------------|-------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| TM12 | 412 344 800 0000 | 00 | 412 344 600 | | 6.3 | | 150 | | 15 | 12 | B7G | T |
| TP4 | 781 231 840 0000 | 50 | 571 231 640 | G1 | 4 | [3 5 | 150 250 | 200 | 1.5 5.5 | 1.4 1.6 |] B9 | TP |
| TP22 | 781 230 840 0000 | 50 | 571 230 640 | G1 | 2 | [1 1 | 100 150 | 60 | 0.8 1.2 | 1.2 1 |] B9 | TP |
| TP23 | [841 230 800 0000 051 230 800 0000 | 50] | 645 230 700 | G1 | 2 | [1 1.5 | 100 150 | 60 | 4.5 1 | 2.1 1 |] B7 | TP |
| TP25 | [208 840 730 0000 208 050 730 0000 | 50 50] | 207 640 530 | G1 | 2 | [1 1.5 | 100 150 | 60 | 3.7 1 | 1.5 1 |] M08 | TP |
| TP26 | 208 840 730 0000 | 50 | 207 640 530 | G1 | 2 | [1 1 | 150 150 | 75 | 2.2 1.5 | 1.5 15. |] M08 | TP |
| TP230 | 781 230 840 0000 | 50 | 561 230 740 | G1 | 2 | [100 | 150 | 75 | 20 4.3 | 1.1 1.3 |] B9 | TP |
| TP443 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 22 | 250 | 250 | 36 | 5 | B5 | P |
| TP1340 | 781 231 840 0000 | 50 | 571 231 640 | G1 | 13 | [6 | 200 250 | 250 | 2 6.5 | 1.4 2.1 |] B9 | TP |
| TP2620 | 081 231 840 0000 | 50 | 571 231 640 | G1 | 26 | [2.5 4 | 250 250 | 200 | 1.5 6.5 | 1.4 3.4 |] B9 | TP |
| TS49 | 281 704 130 0000 | 00 | 261 504 130 | | 20 | 4.5 | 250 | 150 | 15 | 6 | B8B | P |
| TS51 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| Ø TS52 | 882 345 100 0000 | 00 | 672 344 100 | | 6 | [0.8 3 | 100 150 | | 8.5 5 | 5.3 4.5 |] B7G | TT |
| TS53 | 741 238 001 0000 | 00 | 541 236 **1 | | 18 | 1.8 | 200 | 100 | 15 | 10 | B9A | P |
| TS54 | 741 238 001 0000 | 00 | 541 236 **1 | | 6.3 | 1.7 | 200 | 125 | 10 | 9 | B9A | P |
| TSE4 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.5 | 250 | 150 | 8 | 14.5 | B7 | P |
| TSP4 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 2.5 | 200 | 200 | 8 | 4.7 | B7 | P |
| TT2 | 222 933 3X0 0000 | 00 | 222 833 390 | | 4.4 | | | | | | A08 | DD |
| TT4 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 16 | 250 | | 20 | 3.2 | B5 | T |
| TT4A | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 9 | 250 | | 20 | 4.1 | B5 | T |
| TT11 | 020 470 310 0000 | 80 | 020 450 310 | A1 | 6 | 11 | 250 | 150 | 30 | 3.5 | A08 | P |
| TT12 | 204 731 102 0000 | 80 | 204 531 102 | A1 | 19 | 13 | 250 | 250 | 72 | 6 | B9G | P |
| TT14 | 204 071 103 0000 | 80 | 204 051 103 | A1 | 6 | 13 | 250 | 250 | 72 | 6 | B9G | P |
| TT15 | 241 878 153 0000 | 00 | 241 657 143 | | 6 | 14 | 250 | 150 | 30 | 3.9 | B9G | PP |
| TT19 | 241 878 153 0000 | 00 | 241 657 143 | | 19 | 16.5 | 250 | 150 | 30 | 3.9 | B9G | PP |
| TT20 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6 | 17 | 400 | 200 | 20 | 2.5 | B7A | PP |
| TT21 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 6.3 | 30 | 300 | 300 | 80 | 7 | A08 | P |
| TT22 | 020 740 310 0000 | 80 | 020 540 310 | A1 | 12.6 | 30 | 300 | 300 | 80 | 7 | A08 | P |
| TT23 | 415 228 783 0000 | 00 | 414 226 573 | | 6.3 | | 150 | 150 | 25 | 10.5 | B9A | PP |
| TT24 | 514 228 783 0000 | 00 | 414 226 573 | | 6.3 | | 250 | 200 | 30 | 3.3 | B9A | PP |
| TT25 | 247 818 352 0000 | 88 | 245 617 342 | A1/A2 | 6.3 | | 400 | 250 | 30 | 3.4 | B7A | PP |
| TT210 | 023 085 480 0000 | 00 | 023 074 460 | | 2 | | 150 | | 1.5 | | 8SC | TT |
| TV4 | 023 140 780 0000 | 00 | 023 104 560 | | 4 | 21 | 250 | 250 | 0.2 | †1.0 | 8SC | TI |
| TV6 | 023 104 780 0000 | 00 | 023 104 560 | | 6.3 | 5 | 250 | 250 | 0.09 | †2.0 | 8SC | TI |
| TV03-10 | 452 310 000 0000 | 88 | 442 310 000 | A1/A2 | 6 | 17 | 300 | | 17 | 3.2 | B5 | TT |
| TW1 | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| TW2 | 9X2 310 000 0000 | 00 | 892 310 000 | | 30 | | | | 60 | | B5 | RR |
| TX4 | 847 231 800 0000 | 50 | 645 231 700 | G1 | 4 | [5 1.5 | 150 300 | 90 | 9 5.5 | 1.5 |] B7 | TH |
| TX21 | [847 231 800 0000 057 231 800 0000 | 50 50] | 645 231 700 | G1 | 21 | [2 1.5 | 150 250 | 90 | 15 5.5 | 2.5 |] B7 | TH |
| TX41 | [847 231 800 0000 057 231 800 0000 | 50 50] | 645 231 700 | G1 | 4 | [3 2.5 | 100 250 | 100 | 9 3.2 | 3.8 |] B7 | TH |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|--------|-----|-----|-----|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| TY86F | 230 232 032 0000 | 90 | 23* 232 *32 | D1 | 7.5 | | | | | | B9A | R |
| TZ40 | 204 300 000 0000 | 80 | 204 300 000 | A1 | 7.5 | 1 | 100 | | | 0.4 | UX4 | T |
| U4C | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 12 | 200 | | 35 | 3.2 | B4 | T |
| U4E | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 400 | | 45 | 4 | B4 | T |
| U4F | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 40 | 400 | | 45 | 4 | B4 | T |
| U5 | 9X2 300 000 0000 | 00 | 892 300 000 | | 5 | | | | 15 | | B4 | RR |
| U8 | 9X2 300 000 0000 | 00 | 892 300 000 | | 7.5 | | | | 60 | | B4 | RR |
| U9 | 9X2 300 000 0000 | 00 | | | 4 | | | | 30 | | B4 | RR |
| U10 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| U12 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4(5) | | | | 60 | | B4 | RR |
| U14 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| U15 | 902 300 000 0000 | 00 | 802 300 000 | | 6 | | | | 120 | | B4 | R |
| U16 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 5 | | B4 | R |
| U17 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 5 | | | | 30 | | B4 | R |
| U19 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4(5) | | | | 120 | | B4 | R |
| U19/23 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 120 | | B4 | R |
| U22 | 200 000 030 0000 | 90 | 200 000 030 | D1 | 2(3) | | | | 5 | | M08 | R |
| U22FH | 200 000 030 0000 | 90 | 200 000 030 | D1 | 2 | | | | | | M08 | D |
| U23 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4(5) | | | | 120 | | B4 | R |
| U24 | 030 000 200 0000 | 90 | 030 000 200 | D1 | 2 | | | | 1 | | A08 | R |
| U25 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 2 | | | | 120 | | B3G | D |
| U26 | 3X1 221 900 0000 | 00 | 391 221 800 | | 13 | | | | 60 | | B7 | RR |
| U26 | 231 232 132 0000 | 90 | 231 232 132 | D1 | 2 | | | | 0.2 | | B9A | D |
| U27 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 30 | | B4 | R |
| U29 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 5 | | B5 | R |
| U30 | 3X1 221 900 0000 | 00 | 391 221 800 | | 13 | | | | 60 | | B7 | RR |
| U30/250 | 902 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 30 | | B4 | R |
| U31 | 020 090 310 0000 | 00 | 020 080 310 | | 26 | | | | 120 | | A08 | R |
| U33 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 2 | | B4 | R |
| U35 | 020 000 030 0000 | 90 | 020 000 030 | D1 | 1.4 | | | | 2 | | A08 | R |
| U37 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 1.4 | | | | 0.5 | | B2G | D |
| U41 | 020 000 300 0000 | 90 | *2* 0*0 3*0 | D1 | 1.2 | | | | 1 | | A08 | D |
| U43 | 023 000 000 0000 | 90 | 023 000 000 | D1 | 6 | | | | 0.5 | | B2G | D |
| U49 | 230 232 032 0000 | 90 | 230 232 032 | D1 | 2 | | | | 0.2 | | B9A | D |
| U51 | 030 X09 020 0000 | 00 | 030 908 020 | | 5 | | | | 120 | | A08 | RR |
| U52 | 030 X09 020 0000 | 00 | 030 908 020 | | 5(5.7) | | | | 120 | | A08 | RR |
| U52IT | 009 0X0 230 0000 | 00 | 008 090 230 | | 5(5.7) | | | | 120 | | A08 | RR |
| U54 | 030 X09 020 0000 | 00 | 030 908 020 | | 5(5.7) | | | | 120 | | A08 | RR |
| U60 | 020 000 300 0000 | 90 | *2* *** 3*0 | D1 | 6.3 | | | | | | A08 | D |
| U60/500 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | R |
| U65/550 | 902 300 000 0000 | 00 | 802 300 000 | | 7.5 | | | | 60 | | B4 | R |
| U70 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| U71 | 020 090 310 0000 | 00 | 020 080 310 | | 30 | | | | 60 | | A08 | R |
| U74 | 020 090 310 0000 | 00 | 020 080 310 | | 30 | | | | 120 | | A08 | R |
| U77 | 020 90X 020 0000 | 00 | *20 809 020 | | 5 | | | | 180 | | A08 | RR |
| U78 | 902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| U81 | 00X 009 230 0000 | 00 | 009 008 230 | | 6 | | | | 60 | | B8B | RR |
| U84 | 00X 009 230 0000 | 00 | 009 **8 230 | | 4 | | | | 30 | | B8B | RR |
| U101 | 290 009 130 0000 | 00 | 280 008 130 | | 50 | | | | 120 | | B8B | R |
| U107 | 291 009 300 0000 | 00 | 281 008 300 | | 40 | | | | 60 | | B7G | R |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| U118 | 290 000 130 0000 | 00 | 280 *** 130 | | 40 | | | | 60 | | B8A | R |
| U119 | 001 230 009 0000 | 00 | *** 23* **8 | | 38 | | | | 120 | | B9A | R |
| U120/500 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2 | | | | 120 | | B4 | R |
| U134 | 029 1X0 310 0000 | 00 | 028 190 310 | | 13 | | | | 60 | | A08 | RR |
| U142 | 290 000 130 0000 | 00 | 280 000 130 | | 31 | | | | 60 | | B8A | R |
| U143 | 020 X09 030 0000 | 00 | 020 908 030 | | 4 | | | | 30 | | A08 | RR |
| U145 | 290 000 130 0000 | 00 | 280 000 130 | | 40 | | | | 60 | | B8A | R |
| U147 | 029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| U149 | 20X 009 130 0000 | 00 | 209 008 130 | | 6 | | | | 30 | | B8B | RR |
| U150 | 290 00X 130 0000 | 00 | 280 009 130 | | 6 | | | | 30 | | B8A | RR |
| U152 | 001 230 009 0000 | 00 | 001 230 008 | | 19 | | | | 120 | | B9A | R |
| U153 | 000 230 009 0000 | 10 | *** 23* **8 | C | 17 | | | | 120 | | B9A | R |
| U154 | 001 230 009 0000 | 00 | *** 23* **8 | | 19 | | | | 120 | | B9A | RR |
| U191 | 000 090 230 0000 | 10 | 0** 080 230 | C1 | 19 | | | | 120 | | A08 | R |
| U192 | 001 230 009 0000 | 00 | *** 23* **6 | | 19 | | | | 120 | | B9A | R |
| U193 | 000 230 009 0000 | 10 | *** 23* **6 | C1 | 19 | | | | 120 | | B9A | R |
| U201 | 020 090 310 0000 | 00 | 020 080 310 | | 20 | | | | 60 | | A08 | R |
| U251 | 000 230 009 0000 | 10 | *** 23* **8 | C | 25 | | | | 120 | | B9A | R |
| U281 | 020 090 310 0000 | 00 | 020 080 310 | | 28 | | | | 120 | | A08 | R |
| U282 | 001 000 230 0000 | 90 | 001 000 230 | D1 | 28 | | | | 120 | | A08 | R |
| U291 | 029 090 310 0000 | 00 | 028 08* 310 | | 29 | | | | 180 | | A08 | R |
| U301 | 000 090 230 0000 | 10 | 0** 080 230 | C | 30 | | | | 120 | | A08 | R |
| U309 | 001 230 009 0000 | 00 | *** 23* **8 | | 20 | | | | 120 | | B9A | R |
| U329 | 000 230 009 0000 | 10 | *** 23* **8 | C | 25 | | | | 120 | | B9A | R |
| U381 | 001 230 009 0000 | 00 | *** 23* **8 | | 38 | | | | 120 | | B9A | R |
| U403 | 201 090 030 0000 | 00 | 201 080 030 | | 40 | | | | 120 | | M08 | R |
| U404 | 290 000 130 0000 | 00 | 280 *** 130 | | 40 | | | | 60 | | B8A | R |
| U415 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 10.5 | 150 | | 5 | 1.4 | B4 | T |
| U418 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 13 | 150 | | 10 | 1.6 | B4 | T |
| U650 | 902 300 000 0000 | 00 | 802 300 000 | | 6 | | | | 30 | | B4 | R |
| U709 | 901 230 X00 0000 | 00 | 8*1 23* 9** | | 6 | | | | 60 | | B9A | RR |
| U718 | 2X0 009 130 0000 | 00 | 29* **8 130 | | 6.3 | | | | 60 | | B8A | RR |
| U801 | 129 9XX 310 0000 | 00 | 128 899 310 | | 80 | | | | 120 | | A08 | RR |
| U2140P | 3X1 221 900 0000 | 00 | 391 221 800 | | 13 | | | | 60 | | B7 | RR |
| U4020 | 902 310 000 0000 | 00 | 802 310 000 | | 40 | | | | 120 | | B5 | R |
| UA55 | 827 415 738 0000 | 00 | 625 414 537 | | 55 | 6 | 90 | 90 | 36 | 7 | B9A | PP |
| UAA11 | 023 19X 100 0000 | 00 | 023 189 100 | | 22 | | | | 5 | | 8SC | DD |
| UAA91 | 192 310 X00 0000 | 00 | 182 310 900 | | 19 | | | | 5 | | B7G | RR |
| UAA171 | 120 913 0X0 0000 | 00 | 120 813 090 | | 25 | | | | 5 | | B8B | DD |
| UABC80 | Y91 23X 148 0000 | 00 | 181 239 146 | | 28 | 1 | 100 | | 0.8 | 1.4 | B9A | DDDT |
| UAF21 | 287 914 130 0000 | 00 | 265 814 130 | | 20 | 2 | 250 | 100 | 6 | 2.8 | B8A | DP |
| UAF41 | 289 174 130 0000 | 00 | 268 154 130 | | 13 | 2 | 200 | 90 | 5 | 2 | B8A | DP |
| UB41 | 201 X09 130 0000 | 00 | 201 908 130 | | 19 | | | | 5 | | B8A | RR |
| UB91 | 192 310 X0C 0000 | 00 | 182 310 900 | | 19 | | | | | | B7G | DD |
| UBC1 | 208 091 X30 0000 | 40 | 206 081 930 | G1 | 13 | 1.7 | 200 | | 3 | 2 | A08 | DDT |
| UBC41 | 284 0X9 130 0000 | 00 | 264 098 130 | | 14 | 1.6 | 200 | | 1.5 | 1.6 | B8A | DDT |
| UBC81 | 841 239 0X0 0000 | 00 | 641 238 09* | | 14 | 1.5 | 200 | | 1.5 | 1.6 | B9A | DDT |
| UBF2 | 208 791 X30 0000 | 40 | 206 581 930 | G1 | 12.5 | 2 | 250 | 100 | 5 | 1.8 | A08 | DDP |
| UBF11 | 9X2 381 470 0000 | 00 | 892 361 450 | | 20 | 2 | 200 | 75 | 5 | 1.8 | F8 | DDP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|------------|------------------------------------|------------|------|--------------|------------|-----|-------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| UBF15 | 9X2 381 470 0000 | 00 | 892 361 450 | | 27 | 2 | 250 | 100 | 12 | 5 | F8 | DDP |
| UF880 | 741 238 9X1 0000 | 00 | 541 236 891 | | 17 | 2 | 200 | 125 | 5 | 2.2 | B9A | DDP |
| UBF89 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 2 | 200 | 100 | 9 | 3.8 | B9A | DDP |
| UBF171 | 9X2 741 380 0000 | 00 | 892 541 360 | | 20 | 3.2 | 250 | 75 | 6 | 1.8 | B8B | DDP |
| UBL1 | 208 791 X30 0000 | 40 | 206 581 930 | G1 | 55 | 11.5 | 200 | 200 | 55 | 8.5 | A08 | DDP |
| UBL21 | 284 7X9 130 0000 | 00 | 264 598 130 | | 55 | 13 | 200 | 200 | 55 | 8 | B8B | DDP |
| UBL3 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 55 | 6 | 100 | 100 | 29 | 7.5 | 8SC | DDP |
| UBL71 | 284 79X 130 0000 | 00 | 264 589 130 | | 55 | 5.2 | 250 | 250 | 44 | 9.5 | B8B | DDP |
| UC88 | 414 234 484 0000 | 00 | 414 234 464 | | 12 | | 150 | | 12.5 | 14 | B9A | T |
| UC92 | 802 304 100 0000 | 00 | 602 304 100 | | 9.5 | 1 | 200 | | 11.5 | 6.4 | B7G | T |
| UC95 | 142 380 100 0000 | 00 | 142 360 100 | | 10.8 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| UC96 | 412 314 800 0000 | 00 | 412 314 600 | | 9.3 | 1 | 200 | | 11.5 | 6.7 | B7G | T |
| UCC84 | | | 147 234 116 | | 21 | 1.5 | 90 | | 12 | 6 | B9A | TT |
| UCC85 | 841 238 510 0000 | 00 | 641 237 410 | | 26 | 2.1 | 200 | | 10 | 5.8 | B9A | TT |
| UCC88 | 841 238 510 0000 | 00 | 641 237 410 | | 21 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| UCC89 | 148 235 118 0000 | 00 | 146 234 117 | | 21.6 | 1.2 | 90 | | 15 | 12 | B9A | TT |
| UCC189 | 841 238 510 0000 | 00 | 641 237 410 | | 21 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| UCF12 | 218 745 830 0000 | 50 | 642 371 450 | | 20 | [1 2 | 100 200 | 100 | 5 | 3 2 | F8 | TP |
| UCF80 | 857 238 114 0000 | 00 | 645 237 114 | | 27 | [2 2 | 100 200 | 175 | 14 10 | 5 6.2 | B9A | TP |
| UCH4 | 218 745 830 0000 | 50 | 217 544 630 | G1 | 20 | [2 2 | 100 200 | 100 | 6 5.2 | 3 2.2 | A08 | TH |
| UCH5 | 123 814 780 0000 | 50 | 123 644 570 | G1 | 20 | [2 2 | 100 250 | 100 | 6.3 6.5 | 2.7 2.6 | 8SC | TH |
| UCH11 | [842 381 570 0000 052 381 570 0000 | [00 00 | 642 371 450 | | 20 | [2 2 | 100 250 | 100 | 5 4.7 | 2.4 2.5 | F8 | TH |
| UCH21 | 288 475 131 0000 | 00 | 276 454 131 | | 20 | [7 2 | 100 200 | 90 | 6.4 5.2 | 2.2 2.2 | B8B | TH |
| UCH41 | [288 474 130 0000 280 575 130 0000 | [00 00 | 276 454 130 | | 14 | [2 2 | 100 200 | 90 | 6.4 2.7 | 2.2 1.7 | B8A | TH |
| UCH43 | [288 475 130 0000 280 575 130 0000 | [00 00 | 276 454 130 | | 14 | [2 2 | 100 200 | 75 | 5 8 | 2 2.2 | B8A | TH |
| UCH71 | 288 475 131 0000 | 00 | 276 454 131 | | 20 | [2 2 | 100 200 | 90 | 16.4 5.2 | 2.2 2.2 | B8B | TH |
| UCH80 | | | 541 23* 764 | | 14.5 | [2 2 | 75 250 | 85 | 5.1 3 | | B9A | TP |
| UCH81 | | | 541 237 164 | | 19 | [3 2.6 | 100 200 | 125 | 5 7.6 | 2.3 2.4 | B9A | TP |
| UCH717 | | | 642 544 370 | | 20 | [2.5 2 | 200 200 | 100 | 3 2 | | B8B | TP |
| UCL11 | 572 381 480 0000 | 00 | 452 371 460 | | 60 | [2 8.5 | 200 200 | 200 | 2 45 | 2.1 9 | F8 | TP |
| UCL81 | 471 238 815 0000 | 00 | 451 237 614 | | 39 | [1.9 7 | 150 200 | 200 | 1.3 30 | 1.6 8.7 | B9A | TP |
| UCL82 | 415 238 718 0000 | 00 | 414 237 516 | | 50 | [1 16 | 200 200 | 200 | 3.7 35 | 2.5 6.4 | B9A | TP |
| UCL83 | 841 238 175 0000 | 00 | 641 137 154 | | 40 | [1.5 9.5 | 200 200 | 175 | 2.4 30 | 2.5 5.5 | B9A | TP |
| UCL84 | 481 238 157 0000 | 00 | 461 237 145 | | 45 | [1.7 2.1 | 200 200 | 175 | 3 18 | 4 | B9A | TP |
| UCL86 | 417 238 158 0000 | 00 | 415 237 146 | | 44 | [1.7 7 | 250 250 | 250 | 1.2 36 | 1.6 10 | B9A | TP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|------------|------------|-----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| UD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 14 | 2.5 | B4 | T |
| UDDL71 | 023 19X 780 0000 | 40 | 023 189 560 | G1 | 44 | 10 | 200 | 200 | 60 | 9 | 8SC | DD |
| UDH | 902 310 000 0000 | 00 | 803 310 000 | | 20 | | | | 60 | | B5 | R |
| UDP12 | 023 190 780 0000 | 40 | 023 180 560 | G1 | 40 | 10 | 200 | 200 | 60 | 9 | 8SC | DP |
| UDP13 | 028 790 310 0000 | 40 | 026 580 310 | G1 | 40 | 10 | 200 | 200 | 60 | 9 | A08 | DP |
| UDT1 | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 15 | 3 | 200 | | 10.3 | 3 | 8SC | DD |
| UE1 | 023 100 090 0000 | 00 | 023 100 080 | | 25 | | | | 60 | | | |
| UE2 | 123 190 0X0 0000 | 00 | 123 180 090 | | 50 | | | | 60 | | 8SC | RR |
| UE13 | 020 090 310 0000 | 00 | 020 080 310 | | 25 | | | | 60 | | A08 | R |
| UE100 | 209 000 130 0000 | 00 | 208 0*0 130 | | 50 | | | | | | A08 | R |
| UEL11 | 572 381 780 0000 | 40 | 452 371 560 | G | 48 | [6 | 100 200 | 300 200 | 2.4 22 | 1.6 5 |] F8 | PP |
| UF5 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 12.5 | 2.5 | 100 | 100 | 3.2 | 2.2 | 8SC | P |
| UF6 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 12.5 | 20 | 100 | 100 | 3 | 1.8 | 8SC | P |
| UF8 | 208 711 130 0000 | 40 | 206 511 130 | G1 | 12 | 2 | 200 | | 6 | 1.6 | B8B | P |
| UF9 | 208 701 130 0000 | 40 | 206 501 130 | G1 | 12.5 | 2.5 | 200 | 100 | 6 | 2.2 | A08 | P |
| UF10 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 12.5 | 2.4 | 200 | 100 | 5.5 | 2.4 | 8SC | P |
| UF11 | 802 301 470 0000 | 00 | 602 301 450 | | 15 | 2 | 200 | 75 | 6 | 2.2 | F8 | P |
| UF14 | 812 370 140 0000 | 00 | 612 350 140 | | 25 | 5 | 200 | 200 | 12 | 7 | F8 | P |
| UF15 | 812 301 470 0000 | 00 | 612 301 450 | | 25 | 2 | 200 | 100 | 12 | 5.5 | F8 | P |
| UF21 | 287 104 130 0000 | 00 | 265 104 130 | | 12.5 | 2.5 | 200 | 100 | 6 | 2.2 | B8B | P |
| UF40 | 280 047 130 0000 | 00 | 260 045 130 | | 12.6 | 2 | 200 | 150 | 3 | 1.8 | B8D | P |
| UF41 | 280 074 130 0000 | 00 | 26* *54 130 | | 12.5 | 3 | 200 | 125 | 7.2 | 2.3 | B8A | P |
| UF42 | 280 174 130 0000 | 00 | 260 154 130 | | 21 | 2 | 200 | 175 | 10 | 8.5 | B8A | P |
| UF43 | 280 174 130 0000 | 00 | 260 154 130 | | 21 | 2 | 200 | 125 | 15 | 6.3 | B8A | P |
| UF80 | 141 230 871 0000 | 00 | 141 230 651 | | 19 | 2 | 200 | 170 | 10 | 7.4 | B9A | P |
| UF81 | 741 238 000 0000 | 00 | 541 236 000 | | 12.6 | 2.5 | 250 | 125 | 6 | 2.2 | B9A | P |
| UF85 | 141 231 871 0000 | 00 | 141 231 651 | | 19 | 2 | 200 | 100 | 9.7 | 5.9 | B9A | P |
| UF86 | 701 238 014 0000 | 00 | 501 236 014 | | 12.6 | 2 | 200 | 150 | 3 | 1.8 | B9A | P |
| UF89 | 041 230 871 0000 | 00 | 041 230 651 | | 12.6 | 2 | 200 | 100 | 9 | 3.8 | B9A | P |
| UF172 | 112 740 380 0000 | 00 | 112 540 360 | | 20 | 2 | 200 | 100 | 4.5 | 3 | B8B | P |
| UF174 | 112 740 380 0000 | 00 | 112 540 360 | | 30 | 3 | 200 | 150 | 12 | 8 | B8B | P |
| UF175 | 112 740 380 0000 | 00 | 112 540 360 | | 30 | 2 | 200 | 75 | 10 | 5.7 | B8B | P |
| UF183 | 141 230 871 0000 | 00 | 141 230 651 | | 18.9 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| UF184 | 141 230 871 0000 | 00 | 141 230 651 | | 18.9 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| UH3 | 023 110 780 0000 | 00 | 023 110 560 | | 13 | 3 | 250 | 100 | 8 | 2.2 | 8SC | P |
| UH4 | 9X3 200 000 0000 | 00 | 893 200 000 | | 4 | | | | 5 | | B5 | RR |
| UHP51 | 023 110 780 0000 | 00 | 023 110 560 | | 13 | 2.5 | 250 | 100 | 3.5 | 2 | 8SC | P |
| UL1 | 108 740 130 0000 | 00 | 206 540 130 | | 60 | 11.5 | 200 | 200 | 55 | 8.5 | A08 | P |
| UL2 | 023 104 780 0000 | 00 | 023 104 560 | | 35 | 5 | 200 | 200 | 20 | 7 | 8SC | P |
| UL11 | 802 301 470 0000 | 00 | 602 301 450 | | 45 | 14 | 200 | 200 | 45 | 9 | F8 | P |
| UL12 | 802 301 470 0000 | 00 | 602 301 450 | | 60 | 8 | 200 | 125 | 75 | 12 | F8 | P |
| UL21 | 287 004 130 0000 | 00 | 265 004 130 | | 45 | 13 | 200 | 200 | 55 | 8 | B8B | P |
| UL22 | 287 004 130 0000 | 00 | 265 004 130 | | 46 | 10 | 200 | 175 | 61 | 9 | B8B | P |
| UL41 | 280 074 130 0000 | 00 | 26* *54 130 | | 45 | 9 | 200 | 175 | 54 | 9.5 | B8A | P |
| UL43 | 280 174 130 0000 | 00 | 260 154 130 | | 50 | 2.6 | 250 | 250 | 36 | 10 | B8A | P |
| UL44 | 200 174 130 000 | 80 | 200 154 130 | A1 | 45 | 13.5 | 200 | 175 | 28.5 | 7 | B8A | P |
| UL46 | 281 074 130 0000 | 00 | 261 054 130 | | 45 | 9 | 200 | 175 | 54 | 9.5 | B8A | P |
| UL71 | 284 700 130 0000 | 00 | 264 500 130 | | 45 | 5.2 | 200 | 200 | 22 | 6.5 | B8B | P |
| UL84 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 45 | 12.5 | 200 | 175 | 70 | 10 | B9A | P |
| UL171 | 102 741 380 0000 | 00 | 102 541 360 | | 55 | 8.5 | 200 | 200 | 45 | 9 | B8D | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|---------------|------------|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| ULL80 | 748 235 187 0000 | 00 | 546 234 175 | | 25 | | 250 | 250 | 24 | | B9A | PP |
| ULP | 842 310 000 0000 | 00 | 642 310 000 | | 13 | 20 | 250 | | 27 | 4 | B5 | T |
| ULP51 | 823 147 000 0000 | 00 | 623 145 000 | | 40 | 17 | 250 | 250 | 36 | 2.5 | 8SC | P |
| ULP61 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 33 | 8 | 200 | 200 | 55 | 9 | 8SC | P |
| UM4 | 208 748 130 0000 | 00 | 206 546 130 | | 12.6 | [4.2 12.5 | 200 200 | 200 | | †1.0 †1.0 | A08 | TI |
| UM11 | 208 748 130 0000 | 00 | 206 546 130 | | 15 | [4.2 12.5 | 200 200 | 200 | | †1.0 †1.0 | A08 | TI |
| UM34 | 028 748 310 0000 | 00 | 026 456 310 | | 12.6 | [4.2 12.5 | 250 250 | 250 | | †1.0 †1.0 | A08 | TI |
| UM80 | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 19 | 14 | 200 | 200 | 0.4 | †0.5 | B9A | TI |
| UM81 | 410 230 807 0000 | 00 | 41* 23* 6*5 | | 19 | 14 | 200 | 200 | 0.4 | †0.5 | B9A | TI |
| UM84 | 401 237 808 0000 | 00 | 4*1 235 6*6 | | 12.6 | 22 | 250 | 250 | 0.4 | †0.5 | B9A | TI |
| UM85 | 401 237 808 0000 | 00 | 401 235 607 | | 19 | 13 | 200 | | 1 | †0.2 | B9A | TI |
| UM85 | 401 237 80X 0000 | 00 | 401 235 607 | | 19 | 13 | 200 | 200 | 1 | 0.2 | B9A | |
| UN955 | 213 480 000 0000 | 00 | 213 460 000 | | 6.3 | 7 | 250 | | 6.3 | 2.2 | 5AA | T |
| UP | | | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| UP2 | 023 140 780 0000 | 00 | 023 140 560 | | 25 | 19 | 200 | 100 | 40 | 3 | 8SC | P |
| UP6 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 35 | 8 | 200 | 200 | 55 | 9 | 8SC | P |
| UP13 | 028 740 310 0000 | 00 | 026 540 310 | | 35 | 8 | 200 | 200 | 55 | 9 | A08 | P |
| UP13 | 040 231 700 0000 | 80 | 040 231 500 | A1 | 13 | 1 | 200 | 100 | | 3 | B7 | P |
| UP35U | 023 100 780 0000 | 40 | 023 100 560 | G1 | 35 | 8 | 200 | 200 | 55 | 9 | 8SC | P |
| UPX | 842 310 000 0000 | 00 | 642 310 000 | | 25 | 34 | 250 | | 38 | 7 | B5 | T |
| UQ80 | 741 238 114 0000 | 00 | 541 236 114 | | 12 | 1 | 250 | 20 | 0.9 | 7 | B9A | P |
| UR1 | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| UR1C | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| UR2 | 123 190 0X0 0000 | 00 | 123 180 090 | | 30 | | | | 60 | | 8SC | RR |
| UR3C | 9X1 231 900 0000 | 00 | 091 231 800 | | 30 | | | | 60 | | B7 | RR |
| UT2 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 15 | 5 | 100 | | 6 | 3 | 8SC | T |
| UTH4 | 523 184 780 0000 | 50 | 423 164 570 | G1 | 17 | [2.5 | 100 200 | 90 | 4 3 | 2 0.8 | 8SC | TH |
| UTH12 | 523 184 780 0000 | 50 | 423 164 570 | G1 | 17 | [2.5 | 100 250 | 30 | 4 3 | 2 0.7 | 8SC | TH |
| UU2 | 9X2 300 000 0000 | 00 | 892 230 000 | | 4 | | | | 30 | | B4 | RR |
| UU3 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| UU5 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4(5) | | | | 60 | | B4 | RR |
| UU6 | 209 0X0 030 0000 | 00 | 208 090 030 | | 4 | | | | 60 | | M08 | RR |
| UU7 | 209 0X0 030 0000 | 00 | 209 090 030 | | 4 | | | | 60 | | M08 | RR |
| UU8 | 209 0X0 030 0000 | 00 | 208 090 030 | | 4 | | | | 120 | | M08 | RR |
| UU9 | 2X0 009 130 0000 | 00 | 290 008 130 | | 6 | | | | 30 | | B8A | RR |
| UU10 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| UU12 | 901 230 X00 0000 | 00 | 8*1 23* 9** | | 6 | | | | 60 | | B9A | RR |
| UU30/250 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 15 | | B4 | RR |
| UVG51 | 123 1X0 090 0000 | 00 | 123 190 080 | | 30 | | | | 60 | | 8SC | RR |
| UY1 | 399 029 120 0000 | 00 | 388 028 120 | | 50 | | | | 120 | | A08 | R |
| UY1NS | 309 020 120 0000 | 00 | 3*8 02* 120 | | 50 | | | | 120 | | A08 | R |
| UY2 | 023 190 000 0000 | 00 | 023 180 000 | | 26 | | | | 30 | | F8 | R |
| UY3 | 023 100 090 0000 | 00 | 023 100 080 | | 50 | | | | 120 | | 8SC | R |
| UY4 | 023 100 090 0000 | 00 | 023 100 080 | | 35 | | | | 30 | | 8SC | R |
| UY11 | 902 300 100 0000 | 00 | 802 300 100 | | 50 | | | | 120 | | F8 | R |
| UY21 | 290 900 130 0000 | 00 | 280 80* 130 | | 50 | | | | 120 | | B8B | R |
| UY22 | 290 909 130 0000 | 00 | 280 80 130 | | 26 | | | | 60 | | B8B | R |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|--------------|------------------------------------|------------|------|-----------------------|-------------------|-----------|-------------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| UY31 | 020 090 310 0000 | 00 | 020 080 310 | | 50 | | | | 120 | | A08 | R |
| UY42 | 290 000 130 0000 | 00 | 280 *0* 130 | | 31 | | | | 60 | | B8A | R |
| UY82 | 001 230 009 0000 | 00 | **1 23* **8 | | 55 | | | | 180 | | B9A | R |
| UY85 | 001 230 009 0000 | 00 | **1 23* **8 | | 38 | | | | 120 | | B9A | R |
| UY89 | 101 230 009 0000 | 00 | 1*1 23* **8 | | 31 | | | | 60 | | B9A | R |
| UY91 | 912 390 900 0000 | 00 | 812 380 800 | | 26 | | | | 60 | | B7G | R |
| UY92 | 002 390 100 0000 | 00 | **2 38* 100 | | 26 | | | | 60 | | B7G | R |
| V2M70 | 902 30X 100 0000 | 00 | 802 309 100 | | 6.3 | | | | 30 | | B7G | RR |
| V20 | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| V20/7000 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 15 | | B4 | R |
| V20S | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| V22/7000 | 000 010 100 0000 | 90 | 000 010 100 | D1 | 6.3 | | | | 5 | | B8B | D |
| V25 | 091 231 X00 0000 | 00 | 081 231 900 | | 25 | | | | 60 | | B7 | RR |
| V30 | 902 310 000 0000 | 00 | 802 310 000 | | 30 | | | | 120 | | B5 | R |
| V30/1 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | | | B4 | D |
| V41 | 090 00X 230 0000 | 00 | *8* **9 230 | | 4 | | | | 30 | | B8B | RR |
| V51 | 290 00X 130 0000 | 00 | 280 009 130 | | 5 | | | | 30 | | B8A | RR |
| V61 | 290 00X 130 0000 | 00 | 28* **9 130 | | 6.3 | | | | 30 | | B8A | RR |
| V99 | 283 400 000 0000 | 00 | 263 400 000 | | 3 | 4.5 | 90 | | 2.5 | 0.4 | UX4 | T |
| V226 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 6 | 5 | 400 | 250 | 14 | 3 | B7 | P |
| V245 | 041 240 700 0000 | 80 | 041 240 500 | A1 | 3 | | 250 | 250 | 16 | 5 | B7 | P |
| V248A | 200 740 030 0000 | 80 | 200 540 030 | A1 | 2 | 10 | 150 | 150 | 32 | 5.2 | M08 | P |
| V311 | 290 000 130 0000 | 00 | 28* **9 130 | | 31 | | | | 60 | | B8A | R |
| V312 | 802 310 000 0000 | 40 | 602 310 000 | G1 | 4 | 4.8 | 250 | | 6 | 2.3 | B5 | T |
| V339 | 000 231 800 0000 | 40 | 000 231 600 | G1 | 4 | | 250 | | | 1.7 | B7 | T |
| V453 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 4 | 1.8 | 250 | 100 | 4.5 | 2 | M08 | P |
| V503 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 85 | 400 | | 100 | 4.5 | B4 | T |
| V872 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 6 | 4 | 200 | 200 | 6.7 | 3.4 | M08 | P |
| V884 | 412 381 700 0000 | 00 | 412 361 500 | | 6.3 | 2.5 | 250 | 200 | 8 | 2.5 | B7G | P |
| V914 | 9X2 310 000 0000 | 00 | 892 310 000 | | 4 | | | | | | B5 | DD |
| V960 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4 | | | | 60 | | B4 | R |
| V1120 | 047 231 000 0000 | 80 | 045 231 000 | A1 | 6 | 9.8 | 200 | 200 | 40 | 8.7 | B7 | P |
| V1120B | 040 231 700 0000 | 80 | 040 231 500 | A1 | 4(5) | 9.8 | 200 | 200 | 40 | 8.7 | B7 | P |
| V1906 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 4(5) | | | | 60 | | B4 | R |
| V1928 | 112 311 100 0000 | 90 | 112 311 100 | D1 | 4 | | | | 5 | | B7G | R |
| V2018 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 20 | | | | 30 | | B4 | R |
| V2118 | 902 310 000 0000 | 00 | 802 310 000 | | 20 | | | | 60 | | B5 | R |
| V4200 | 802 300 000 0000 | 00 | 802 300 000 | | 4 | | | | 120 | | B4 | R |
| VBF11 | 9X2 381 470 0000 | 00 | 892 361 450 | | 35 | 2 | 200 | 75 | 5 | 1.9 | F8 | DDP |
| VC1 | 023 100 080 0000 | 40 | 023 189 060 | G1 | 55 | 2 | 200 | | 6 | 3 | 8SC | DDT |
| VC1 | 023 19X 080 0000 | 40 | | | 55 | 2 | 200 | | 6 | 3 | 8SC | DDT |
| VCH11 | [842 381 570 0000 052 381 570 0000] | [00 00] | 642 371 450 | | 40 | [2.5 0.5 4.5] | 100 250 200 | 90 | 4 3 2 | [2 0.7 2.4 5] | F8 | TH |
| VCL11 | 572 381 480 0000 | 00 | 452 371 460 | | 90 | [4.5] | 200 | 200 | 12 | | F8 | TH |
| VDS | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 2 | 200 | 75 | | 1.6 | B5 | P |
| VDSB | 742 310 000 0000 | 80 | 542 310 000 | A1 | 16 | 1 | 200 | 75 | 5 | 3 | B5 | P |
| VEG51 | 023 100 090 0000 | 00 | 023 100 080 | | 20 | | | | 60 | | 8SC | R |
| VEL11 | 472 381 780 0000 | 50 | 452 371 560 | | 90 | [6] | 100 200 | 30 200 | 2.4 22 | [1.6 5] | F8 | PP |
| VF3 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 55 | 2.5 | 250 | 100 | 5 | 2 | 8SC | P |
| VF14 | 812 370 140 0000 | 00 | 612 340 140 | | 60 | 4.5 | 250 | 250 | 12 | 7 | F8 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| VFT4 | 028 740 310 0000 | 00 | 026 540 310 | | 4 | 22 | 250 | 250 | 0.2 | †1.0 | A08 | TI |
| VG406 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| VG411 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| VG421 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| VG2908 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2.5 | | | | 30 | | B4 | RR |
| VG3016 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| VG3630 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 120 | | B4 | RR |
| VG5006 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| VG5007 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| VG5107 | 902 300 0X0 0000 | 00 | 802 300,090 | | 4 | | | | 60 | | F8 | RR |
| VH2 | 912 390 100 0000 | 00 | 812 380 100 | | 6 | | | | 5 | | B7G | D |
| VH3 | 142 384 100 0000 | 00 | 142 364 100 | | 6 | 4.5 | 150 | | 13 | 5 | B7G | T |
| VH5 | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2 | 200 | 125 | 7.7 | 5.1 | B7G | P |
| VHP13 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 1.5 | 200 | 100 | 4 | 2 | B7 | P |
| VHT2 | 847 230 800 0000 | 40 | 645 230 600 | G1 | 2 | | 150 | 75 | | | B4 | H |
| VHT2A | 847 230 800 0000 | 40 | 645 230 600 | G1 | 2 | | 150 | 50 | | | B7 | H |
| VHT4 | 747 231 800 0000 | 40 | 545 231 600 | G1 | 4 | 3 | 200 | 100 | 3.6 | | B7 | H |
| VHTA | 123 184 770 0000 | 40 | 123 164 550 | G1 | 13 | 1.5 | 250 | 100 | 3.2 | | 8SC | H |
| VHTA | 747 231 800 0000 | 40 | 545 231 600 | G1 | 13 | 1.5 | 200 | 100 | 3.2 | | B7 | H |
| VHTS | 847 231 700 0000 | 40 | 645 231 500 | G1 | 13 | 3 | 200 | 100 | 2.6 | | B7 | H |
| VHTS | 747 231 800 0000 | 40 | | | 13 | 3 | 200 | 100 | | | B7 | H |
| VL1 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 55 | 14 | 200 | 200 | 25 | 2.2 | 8SC | P |
| VL4 | 023 100 780 0000 | 40 | 023 100 560 | G1 | 110 | 8.5 | 200 | 200 | 45 | 8 | 8SC | P |
| VLS61 | 002 300 000 0000 | 90 | 002 300 000 | D1 | 2 | | | | 3 | | B4 | R |
| VM1 | 200 000 300 0000 | 90 | 2** 00* 300 | D1 | 1.4 | | | | | | B7G | D |
| VM3R | 047 231 800 0000 | 00 | | | 4 | | 22 | 250 | 250 | 0.2 | B7 | TI |
| VM4V | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 80 | 14 | 2.4 | B5 | P |
| VME4 | 047 231 800 0000 | | 045 231 600 | | 4 | 22 | 250 | 250 | | †1.0 | B7 | TI |
| VMP4 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 3 | 3.5 | B7 | P |
| VMP4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 250 | 100 | 5 | 3.5 | B5 | P |
| VMP4G | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 100 | 8 | 2.7 | B7 | P |
| VMS4 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 80 | 11 | 2.1 | B5 | P |
| VMS4B | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1 | 200 | 80 | 5.2 | 2.4 | B5 | P |
| VO2 | 847 320 800 0000 | 40 | 645 320 600 | G1 | 2 | | 150 | 90 | 1.8 | | B7 | O |
| VO2S | 023 084 780 0000 | 40 | 023 064 560 | G1 | 2 | | 150 | 50 | 2 | | 8SC | O |
| VO4 | 847 231 700 0000 | 40 | 645 231 500 | G1 | 4 | 1.5 | 250 | 75 | 1.6 | | B7 | O |
| VO4S | 023 174 780 0000 | 40 | 023 154 560 | G1 | 4 | 1.5 | 250 | 75 | 1.6 | | 8SC | O |
| VO6 | 123 184 780 0000 | 40 | 123 164 560 | G1 | 6 | 3 | 100 | 100 | 4.6 | | 8SC | O |
| VO13 | 847 231 700 0000 | 40 | 645 231 500 | G1 | 13 | 1.5 | 250 | 75 | 1.6 | | B7 | O |
| VO13S | 123 174 780 0000 | 40 | 123 154 560 | G1 | 13 | 1.5 | 250 | 75 | 1.6 | | 8SC | O |
| VO133 | 023 184 780 0000 | 50 | 023 164 570 | G1 | 13 | [1 | 100 | | 1 | 1.2 |] B7 | TH |
| VP2 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 150 | 3 | 1.5 | | |
| VP2B | 081 230 700 0000 | 40 | 061 230 500 | G1 | 2 | 1.5 | 150 | 150 | 1.6 | 0.7 | B7 | P |
| VP2B | 032 004 780 0000 | 00 | 065 231 500 | G1 | 2 | 1.5 | 150 | 60 | 2 | 1.4 | B7 | H |
| VP2B | 087 231 700 0000 | 40 | 032 004 560 | | 2 | 15 | 150 | 150 | 2.5 | 0.7 | 8SC | P |
| VP2BS | 032 010 780 0000 | 40 | 032 010 560 | G1 | 2 | 1 | 150 | 150 | 2.5 | 0.7 | 8SC | P |
| VP2D | 081 230 700 0000 | 40 | 061 230 500 | G1 | 2 | 1.5 | 150 | 75 | 1.3 | 2 | B7 | P |
| VP3 | | | 023 110 560 | G1 | 55 | 2.5 | 250 | 100 | 5 | 2 | 8SC | P |
| VP4 | 041 231 700 0000 | | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 4.5 | 2.3 | B5 | P |
| VP4 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 200 | 100 | 4.5 | 2.3 | B7 | P |
| VP4C | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 2 | 250 | 250 | 11.5 | 4 | B7 | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-----|-----|-----|----------|-----------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| VP4S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 2 | 250 | 100 | 8 | 1.8 | 8SC | P |
| VP4S | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 3 | 250 | 100 | 8 | 1.8 | B7 | P |
| VP6 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2.5 | 250 | 200 | 8 | 2.1 | B7G | P |
| VP6 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 6 | 3 | 250 | 100 | 7.5 | 1.7 | B7 | P |
| VP6S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 6 | 3 | 250 | 100 | 7.5 | 1.8 | 8SC | P |
| VP12D | 028 X97 310 0000 | 40 | 026 985 310 | G1 | 13 | 3 | 250 | 125 | 9 | 1.1 | A08 | DDP |
| VP13 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 1.5 | 200 | 100 | 6.3 | 3 | B7 | P |
| VP13 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 3 | 200 | 100 | 8 | 2.8 | B7 | P |
| VP13A | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 2 | 200 | 100 | 4 | 2.2 | 8SC | P |
| VP13B | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 2 | 200 | 200 | 9 | 2.2 | B7 | P |
| VP13S | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 3 | 200 | 100 | 8 | 2.8 | B7 | P |
| VP13S | 023 110 780 0000 | 40 | 023 110 560 | G1 | 13 | 3 | 200 | 100 | 8 | 2.8 | 8SC | P |
| VP20 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 20 | 2 | 200 | 100 | 4 | 2.2 | B5 | P |
| VP21 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 60 | 1.8 | 1.1 | B7 | P |
| VP22 | 208 710 030 0000 | 40 | 206 510 030 | G1 | 2 | 1.5 | 150 | 60 | 1.2 | 0.8 | M08 | P |
| VP41 | 218 710 030 0000 | 40 | 216 510 030 | G1 | 4 | 2.7 | 250 | 250 | 7.7 | 2 | M08 | P |
| VP41 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 3.3 | 250 | 250 | 11 | 2 | B7 | P |
| VP133 | 218 710 030 0000 | 40 | 216 510 000 | G1 | 13 | 2.7 | 150 | 150 | 8 | 2.1 | M08 | P |
| VP210 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 60 | 1.1 | 0.8 | B7 | P |
| VP210 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 60 | 1.1 | 0.8 | B4 | P |
| VP215 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 75 | 2 | 0.7 | B4 | P |
| VP215 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 75 | 2 | 0.7 | B7 | P |
| VP215B | 081 230 700 0000 | 40 | 061 230 500 | G1 | 2 | 1.5 | 150 | 125 | 1.5 | 1 | B7 | P |
| VP215C | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 125 | 1.5 | 1 | B7 | P |
| VP1320 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 2.7 | 250 | 100 | 5 | 2 | B7 | P |
| VP1321 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 2.8 | 200 | 200 | 7.4 | 2 | B7 | P |
| VP1322 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 13 | 2.8 | 250 | 200 | 7.4 | 2 | B7 | P |
| VPT2 | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1.5 | 150 | 60 | 1.5 | 1.1 | B4 | P |
| VPT2 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 1.5 | 150 | 60 | 1.5 | 1.1 | B7 | P |
| VPT4 | 041 231 700 0000 | 80 | 542 310 000 | A1 | 4 | 3 | 250 | 100 | 5.5 | 2 | B5 | P |
| VPT4 | 742 310 000 0000 | 80 | 041 231 500 | A1 | 4 | 3 | 250 | 100 | 5.5 | 2 | B7 | P |
| VPT4B | 041 231 700 0000 | 80 | 041 231 500 | A1 | 4 | 3 | 250 | 100 | 6 | 3.2 | B7 | P |
| VPTA | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 2 | 250 | 100 | 4.2 | 2.9 | B7 | P |
| VPTS | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 3 | 200 | 100 | 5.5 | 2.6 | B7 | P |
| VPU1 | 080 231 700 0000 | 40 | 060 231 500 | G1 | 13 | 1 | 250 | 200 | | 3.5 | B7 | P |
| VSGA1 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 1.5 | 200 | 100 | 7 | 6.1 | B5 | P |
| VT1 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 5 | 200 | | 5 | 2 | B5 | T |
| VT2 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2 | 200 | | 3 | 1.9 | B5 | T |
| VT121 | | | 264 310 000 | | 6.3 | 7 | 250 | | 6.3 | 2.2 | 5AA | T |
| VTf6 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 200 | 200 | 0.2 | 11.0 | A08 | Ti |
| VT121 | | | 264 310 000 | | 6.3 | 7 | 250 | | 6.3 | 2.2 | 5AA | T |
| VTP4 | | | 542 310 000 | A1 | 4 | 3 | 200 | 100 | 5.5 | 2 | B5 | P |
| VX2 | 081 237 700 0000 | 40 | 061 235 500 | G1 | 2 | 1 | 150 | 60 | 1 | 0.5 | B7 | H |
| VX2S | 023 017 780 0000 | 40 | 023 015 560 | G1 | 2 | 1 | 150 | 60 | 1 | 0.5 | 8SC | H |
| VX4 | 717 231 800 0000 | 40 | 515 231 600 | G1 | 4 | 2 | 250 | 75 | 1.8 | 0.5 | B7 | H |
| VX4S | 023 117 780 0000 | 40 | 023 115 560 | G1 | 4 | 2 | 250 | 75 | 1.8 | 0.5 | 8SC | H |
| VX6S | 023 117 780 0000 | 40 | 023 115 560 | G1 | 6 | 3 | 250 | 100 | 1.9 | 4 | 8SC | P |
| VX13 | 717 231 800 0000 | 40 | 515 231 600 | G1 | 13 | 2 | 250 | 75 | 1.8 | | B7 | P |
| VX13S | 023 117 780 0000 | 40 | 023 115 560 | G1 | 13 | 2 | 250 | 75 | 1.8 | | 8SC | H |
| VX8045 | 402 183 700 0000 | 00 | 402 163 500 | | 6.3 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| VX8046 | 402 873 180 0000 | 00 | 402 653 160 | | 6.3 | 2 | 100 | 100 | 7.5 | 5.3 | B8D | P |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| VX8054 | 412 073 700 0000 | 00 | 412 053 500 | | 6.3 | 9 | 100 | 100 | 31 | 5 | B8D | P |
| VY1 | 023 100 090 0000 | 00 | 023 100 080 | | 55 | | | | 60 | | 8SC | R |
| VY2 | 023 190 000 0000 | 00 | 023 180 000 | | 30 | | | | 15 | | 8SC | R |
| VY2N | 023 100 090 0000 | 00 | 023 100 080 | | 30 | | | | 15 | | 8SC | R |
| W4 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 7.5 | 150 | | 3 | 1.2 | B4 | T |
| W4-500 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 60 | | B4 | RR |
| W30 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 1 | 250 | 250 | 12 | 4 | B7 | P |
| W31 | 041 231 700 0000 | 80 | 041 231 500 | A1 | 13 | 3 | 250 | 100 | 8 | 2.7 | B7 | P |
| W42 | 081 231 700 0000 | 40 | 061 231 500 | G1 | 4 | 3 | 250 | 100 | 7.6 | 1.5 | B7 | P |
| W61 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 75 | 8.5 | 2.9 | A08 | P |
| W63 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 7.6 | 1.5 | A08 | P |
| W101 | 287 104 130 0000 | 00 | 265 104 130 | | 19 | 3 | 250 | 100 | 8 | 2.8 | B8B | P |
| W107 | 412 381 700 0000 | 00 | 412 361 500 | | 12.5 | 2.5 | 200 | 200 | 8 | 2.5 | B7G | P |
| W119 | 141 230 871 0000 | 00 | 141 230 651 | | 13 | 1.3 | 200 | 100 | 13 | 4.4 | B9A | P |
| W145 | 280 174 130 0000 | 00 | 260 154 130 | | 13 | 2.5 | 200 | 100 | 7 | 2.3 | 5BA | P |
| W148 | 287 140 130 0000 | 00 | 265 140 130 | | 6 | 2.5 | 250 | 150 | 9.5 | 2.8 | B8B | P |
| W149 | 287 104 130 0000 | 00 | 265 104 130 | | 6 | 3 | 250 | 100 | 8.5 | 1.8 | B8B | P |
| W213 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.5 | 150 | | 1 | 1.2 | B4 | T |
| W216 | 040 120 780 0000 | 00 | 040 120 560 | | 2 | 1.5 | 150 | 90 | 3 | 1.2 | B7 | P |
| W318 | 90X 231 800 0000 | 40 | 809 231 600 | G1 | 4 | 2 | 100 | | 3.5 | 2.5 | B7 | DDT |
| W406 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 7.5 | 150 | | 3 | 1.2 | B4 | T |
| W411 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 2.5 | 150 | | 3 | 2.2 | B4 | T |
| W412 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 7.5 | 150 | | 3 | 1.2 | B4 | T |
| W415N | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 2.5 | 1 | B5 | T |
| W420 | 842 300 000 0000 | 00 | 642 300 000 | | 4 | 4 | 150 | | 4 | 1.3 | B4 | T |
| W4080 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 2.5 | 200 | | 2.5 | 1 | B5 | T |
| W4110 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 1 | 3 | B5 | T |
| WD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 2.5 | 150 | | 1 | 1 | B4 | T |
| WD30 | 780 231 9X0 0000 | 40 | 560 231 890 | G1 | 13 | 1 | 250 | 100 | 7 | 2.6 | B9 | DDP |
| WD40 | 780 231 9X0 0000 | 40 | 560 231 890 | G1 | 4 | 1 | 250 | 100 | 7 | 3.5 | B9 | DDP |
| WD70 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 90 | 5 | 2.2 | B9A | DDP |
| WD119 | 741 238 9X1 0000 | 00 | 541 236 891 | | 19 | 1.5 | 200 | 100 | 11 | 4.5 | B9A | DDP |
| WD142 | 289 174 130 0000 | 00 | 268 154 130 | | 13 | 2 | 200 | 90 | 5 | 2.1 | B8A | DP |
| WD150 | 289 174 130 0000 | 00 | 268 154 130 | | 6 | 2 | 250 | 100 | 5 | 2.1 | B8A | DP |
| WD709 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 90 | 5 | 2.2 | B9A | DDP |
| WE23 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | 2 | 200 | 100 | 3 | 2.5 | B5 | P |
| WE24 | 742 310 000 0000 | 80 | 542 310 000 | A1 | 4 | | 200 | 100 | 3 | 2.5 | B5 | P |
| WE27 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 3.5 | 200 | | 6 | 2.4 | B5 | T |
| WE28 | 842 310 000 0000 | 00 | 642 310 000 | | 4 | 1.5 | 200 | | 1 | 2.5 | B5 | T |
| WE29 | 842 310 000 0000 | 90 | 642 310 000 | D1 | 4 | 3 | 200 | | 6 | 2 | B5 | DT |
| WE30 | 842 370 000 0000 | 00 | 642 350 000 | | 4 | 15 | 250 | 250 | 36 | 2.8 | B5 | P |
| WE33 | 023 110 780 0000 | 40 | 023 110 560 | G1 | 4 | 3 | 100 | 250 | 8 | 1.9 | 8SC | P |
| WE35 | 023 004 780 0000 | 00 | 023 004 560 | | 4 | 15 | 250 | 250 | 15 | 2.8 | 8SC | P |
| WE37 | 023 19X 080 0000 | 40 | 023 189 060 | G1 | 4 | 7 | 250 | | 4 | 2 | 8SC | DDT |
| WE38 | 023 104 780 0000 | 00 | 023 104 560 | | 4 | 6 | 250 | 250 | 36 | 9 | 8SC | P |
| WE39 | 023 100 080 0000 | 40 | 023 100 060 | G1 | 4 | 5.5 | 250 | | 6 | 2.5 | 8SC | P |
| WE51 | 9X2 300 000 0000 | 00 | 892 300 000 | | 4 | | | | 30 | | B4 | RR |
| WE52 | 9X2 300 000 0000 | 00 | 892 300 000 | | 2 | | | | 60 | | B4 | RR |
| WE53 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 60 | | 8SC | RR |
| WE54 | 023 090 0X0 0000 | 00 | 023 080 090 | | 4 | | | | 30 | | 8SC | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| WE350A | 274 130 000 0000 | 80 | 254 130 000 | A1 | 6 | 4.5 | 400 | 250 | 83 | 6.5 | UX5 | P |
| WE377 | 02X 190 310 0000 | 00 | 029 180 310 | | 117 | | | | 60 | | A08 | RR |
| WE403A | 412 387 100 0000 | 00 | 412 365 100 | | 6 | 2.3 | 150 | 150 | 7 | 4.3 | B7G | P |
| WHTS | | | 745 231 600 | G1 | 13 | [1 | 150 | | | 0.6 | | |
| WT210-0006 | [02X 190 310 0000 | 00 | 029 180 310 | | 6 | 1 | 250 | 75 | | 1.5 | B7 | TH |
| WT210-0007 | [028 740 310 0000 | 00 | 026 540 310 | | 6 | 18 | 350 | 250 | 54 | 5.2 | A08 | P |
| WT210-0012 | [2X9 300 000 0000 | 00 | 298 300 000 | | 5 | | | | 60 | | UX4 | RR |
| WT210-0013 | [29X 300 000 0000 | 00 | 289 300 000 | | 5 | | | | 120 | | UX4 | RR |
| WT210-0019 | [29X 300 000 0000 | 00 | 298 300 000 | | 5 | | | | 120 | | UX4 | RR |
| WT210-0021 | [029 0X0 310 0000 | 00 | 028 090 310 | | 6 | | | | 30 | | A08 | RR |
| WT210-0025 | [02X 190 310 0000 | 00 | 029 180 310 | | 117 | | | | 60 | | A08 | RR |
| WT210-0029 | [028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 8 | 2 | A08 | T |
| WT210-0037 | [128 479 310 0000 | 00 | 126 458 310 | | 117 | [5.2 | 100 | 100 | 60 | 5.3 | A08 | RP |
| WT210-0040 | [902 30X 100 0000 | 00 | 802 309 100 | | 6 | | | | 30 | | B7G | RR |
| WT210-0042 | [030 90X 020 0000 | 00 | 030 809 020 | | 5 | | | | 60 | | A08 | RR |
| WT210-0048 | [020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| WT210-0081 | [021 417 380 0000 | 00 | 021 415 360 | | 6 | 2 | 250 | 100 | 3 | 1.7 | A08 | P |
| WT210-0082 | [028 740 310 0000 | 00 | 026 540 310 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| WT210-0083 | [218 4X9 130 0000 | 00 | 216 498 130 | | 6 | 2 | 250 | | 2.3 | 1.6 | B8B | DDT |
| WT210-0084 | [028 456 310 0000 | 00 | 027 446 310 | | 6 | 5 | 250 | | 3 | 1.6 | A08 | TT |
| WT210-0085 | [412 387 400 0000 | 00 | 412 365 400 | | 50 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| WT210-0087 | [028 748 310 0000 | 50 | 027 546 310 | G1 | 6 | [1 | 100 | | 8 | 2.5 | | |
| WT210-0089 | [028 740 310 0000 | 00 | 026 540 310 | | 6 | 3 | 250 | 100 | 4 | 1.2 | A08 | TH |
| WT210-0090 | [287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 9 | 200 | 175 | 15 | 2.3 | A08 | P |
| WT210-0094 | [481 581 230 0000 | 00 | 461 471 230 | | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| WT210-0108 | [481 581 230 0000 | 00 | 461 471 230 | | 6 | 8 | 250 | | 9 | 2.6 | A08 | TT |
| WT210-0148 | [02X 090 310 0000 | 00 | 029 080 310 | | 6 | | | | 60 | | A08 | RR |
| WT389 | 038 740 320 0000 | 00 | 036 540 320 | | 1.4 | [4.6 | 90 | 90 | 8 | 2 | A08 | P |
| WT390 | 028 040 310 0000 | 00 | 026 040 310 | | 6 | 8 | 250 | | 8 | 2 | A08 | T |
| WT-T102 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | 150 | | 5.5 | | A08 | RR |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|----------------------|------------|------------------------------------|------------|-----|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| WT-T122 | 021 417 380 0000 | 00 | 021 415 360 | | 6 | 3 | 250 | 100 | 3 | 1.6 | A08 | P |
| WT-T123 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 12.5 | 250 | 250 | 45 | 4.1 | A08 | P |
| WT-T124 | 218 4X9 130 0000 | 00 | 216 498 130 | | 6 | 2 | 250 | | 2.3 | 1.6 | B8B | DDT |
| WT-T125 | 028 458 310 0000 | 00 | 027 446 310 | | 6 | 5 | 250 | | 3 | 1.6 | A08 | TT |
| WT-T126 | 412 387 400 0000 | 00 | 412 365 400 | | 50 | 7.5 | 150 | 100 | 49 | 7.5 | B7G | P |
| WT-T128 | 020 048 310 0000 | 50 | 027 546 310 | G1 | 6 | [1 | 100 | | 8 | 2.5 | A08 | TH |
| | 028 700 310 0000 | 50 | | | | 3 | 250 | 100 | 4 | 1.2 | | |
| WT-T130 | 028 740 310 0000 | 00 | 026 540 310 | | 6 | 9 | 200 | 175 | 15 | 2.3 | A08 | P |
| WT-T131 | 287 113 000 0000 | 40 | 265 113 000 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | UX6 | P |
| WT-T135 | 020 90X 030 0000 | 00 | 020 809 030 | | 5 | | | | 120 | | A08 | RR |
| X14 | 028 748 300 0000 | 40 | 026 546 300 | G1 | 1.4 | | 90 | 50 | 1.8 | 0.5 | A08 | H |
| X17 | 288 424 300 0000 | 00 | 266 424 300 | | 1.4 | 4 | 75 | | 4.5 | 1.2 | B7G | H |
| X18 | 288 484 300 0000 | 00 | 266 464 300 | | 1.4 | 4 | 75 | | 4 | 1.2 | B7G | H |
| X21 | 847 230 800 0000 | 40 | 645 230 600 | G1 | 2 | | 150 | 75 | | | B7 | H |
| X22 | 847 320 800 0000 | 40 | 645 320 600 | G1 | 2 | | 150 | 75 | | | B7 | H |
| X23 | [841 230 800 0000] | 50 | | | | | 100 | | 2.1 | | B7 | TH |
| | 051 230 800 0000 | 50 | 645 231 700 | G1 | 2 | [1.5 | 150 | 60 | 0.7 | | | |
| X24 | [841 230 800 0000] | 50 | 645 231 700 | G1 | 2 | [1.5 | 100 | | 2.1 | | B7 | TH |
| | 251 230 800 0000 | 50 | | | | | 150 | 60 | 0.7 | | | |
| X30 | 847 231 800 0000 | 40 | 645 231 600 | G1 | 13 | 3 | 150 | 75 | 7 | | B7 | H |
| X31 | [841 231 800 0000] | 50 | | | | | 150 | | 2.2 | | B7 | TH |
| | 051 231 800 0000 | 50 | 645 231 700 | G1 | 13 | [| 250 | 75 | 2.3 | | | |
| X41 | [841 231 800 0000] | 50 | | | | | 150 | | 5 | 1.4 | B7 | TH |
| | 051 231 800 0000 | 50 | 645 231 700 | G1 | 4 | [3 | 250 | 75 | 2.3 | 1.4 | | |
| X42 | 842 231 800 0000 | 40 | 642 231 600 | G1 | 4 | 3 | 250 | 100 | 7 | 2 | B7 | H |
| X61 | 028 748 310 0000 | 50 | 027 546 310 | G1 | 6 | [2 | 100 | | 5.4 | 2.2 | A08 | TH |
| | 028 750 310 0000 | 50 | | | | 2 | 250 | 100 | 3 | 0.7 | | |
| X61M | [028 748 310 0000] | 50 | | | | | 100 | | 7.5 | 2.6 | A08 | TH |
| | 028 750 310 0000 | 50 | 027 546 310 | | 6 | [2 | 250 | 100 | 8 | 2.6 | | |
| X63 | 028 747 310 0000 | 40 | 026 545 310 | G1 | 6 | 3 | 250 | 100 | 6 | 1.6 | A08 | H |
| X64 | 028 740 310 0000 | 40 | 026 540 310 | G1 | 6 | 3 | 250 | 100 | 5.3 | 1.1 | A08 | H |
| X65 | [028 748 310 0000] | 50 | | | | | 100 | | 8 | 2.5 | A08 | TH |
| | 028 750 310 0000 | 50 | 027 546 310 | G1 | 6 | [3 | 250 | 100 | 4 | 1.2 | | |
| X66 | [028 748 310 0000] | 50 | | | | | 100 | | 8 | 2.5 | A08 | TH |
| | 028 750 310 0000 | 50 | 027 546 310 | G1 | 6 | [3 | 250 | 100 | 4 | 1.2 | | |
| X71 | [028 748 310 0000] | 50 | | | | | 100 | | | | A08 | TH |
| | 028 750 310 0000 | 50 | 027 546 310 | G1 | 15 | [3 | 250 | 100 | | | | |
| X73 | 028 748 310 0000 | 40 | 026 546 310 | G1 | 6 | 3 | 150 | 75 | | | A08 | H |
| X75 | 028 748 310 0000 | 40 | 026 546 310 | G1 | 15 | | 150 | 75 | | | A08 | H |
| X76 | [028 748 310 0000] | 50 | | | | | 100 | | 8 | 2.5 | A08 | TH |
| | 028 750 310 0000 | 50 | 027 546 310 | G1 | 13 | [3 | 250 | 100 | 4 | 1.2 | | |
| X77 | 412 388 100 0000 | 00 | 412 366 100 | | 6 | 2 | 100 | | 12 | 6.5 | B7G | H |
| X78 | [752 388 400 000] | 00 | | | | | 100 | | 5 | 2.2 | B7G | TH |
| | 752 380 500 0000 | 00 | 542 376 400 | | 6 | [1 | 150 | 75 | 5.3 | 2.2 | | |
| X79 | [751 238 480 0000] | 00 | | | | | 100 | | 5 | 2.2 | B9A | TH |
| | 751 238 500 0000 | 00 | 541 237 46* | | 6 | [3 | 250 | 75 | 10 | 3 | | |
| X81 | [288 475 130 0000] | 00 | | | | | 100 | | 4.8 | 1.4 | B8B | TH |
| | 280 575 130 0000 | 00 | 265 454 130 | | 6 | [2 | 250 | 100 | 4 | 2 | | |
| X99 | 284 300 000 0000 | 00 | 264 300 000 | | 3 | 4.5 | 90 | | 2.5 | 0.4 | UX4 | T |
| X101 | [288 475 130 0000] | 50 | | | | | 100 | | 3 | | B8B | TH |
| | 280 575 130 0000 | 50 | 276 454 130 | G1 | 19 | [2 | 250 | 100 | 3 | | | |
| X107 | 412 387 400 0000 | 00 | 412 365 400 | | 19 | | 100 | 250 | 4 | | B7G | O |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--|----------------|------------------------------------|------------|------|-----------------------|-----|-----|------------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| X108 | [752 388 400 0000 752 380 500 0000 751 238 480 0000] | 00 00 00 | 542 376 400 | | 19 | [2 1 250] | 100 | 75 | 5 5.3 | 2.2 2.2 | B7G | TH |
| X109 | [751 238 500 0000 288 475 130 0000] | 00 00 | 541 237 46* | | 19 | [2 3 250] | 100 | 75 | 5 2.9 | 2.2 | B9A | TH |
| X118 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 454 130 | | 28 | [2.5 200] | 100 | 100 | 5 3 | 4 2.5 | B9A | TH |
| X119 | 751 238 184 0000 | 00 | 541 237 164 | | 19 | [1 2.2 200] | 100 | 100 | 13.5 | 3.7 2.3 | B9A | TP |
| X142 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 454 130 | | 14 | [2 2 200] | 100 | 75 | 5 8 | 2 2.2 | B8A | TH |
| X143 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 454 131 | | 6 | [2 2 250] | 100 | 90 | 6.3 5.3 | 2.4 2.2 | B8B | TH |
| X145 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 545 130 | | 28 | [3.3 2.5 200] | 100 | 100 | 6 8 | 2 2.5 | B8A | TH |
| X147 | [028 748 310 0000 028 750 310 0000] | 50 50 | 027 546 310 | G1 | 6 | [2 2 250] | 100 | 100 | 5.4 5 | 2.2 2.4 | A08 | TH |
| X148 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 454 130 | | 6 | [1 2 250] | 100 | 100 | 4.8 4 | 1.4 2 | B8B | TH |
| X150 | [288 475 130 0000 280 575 130 0000] | 00 00 | 276 454 130 | | 6 | [2 2 250] | 100 | 100 | 5 8 | 2.6 2.2 | B8A | TH |
| X719 | 751 238 084 0000 | 00 | 541 237 164 | | 6 | [3 2 250] | 100 | 100 | 5 6.5 | 2.3 2.3 | B9A | TH |
| X727 | 412 388 100 0000 | 00 | 412 366 100 | | 6 | 2 | 100 | | 11 | 7 | B7G | H |
| X6030 | 020 990 330 0000 | 00 | 020 880 330 | | 3 | | | | | | B8B | D |
| XC88 | 414 234 484 0000 | 00 | 414 234 464 | | 2 | | 150 | | 12.5 | 14 | B9A | T |
| XC95 | 142 380 100 0000 | 00 | 142 360 100 | | 1.8 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| XCC82 | 841 228 513 0000 | 00 | 641 227 413 | | 6.3 | 0 | 100 | | 11.8 | 3.1 | B9A | TT |
| XCC89 | 148 235 118 0000 | 00 | 146 234 117 | | 3.6 | 1.2 | 100 | | 15 | 12 | B9A | TT |
| XCC189 | 851 238 410 0000 | 00 | 741 236 410 | | 4.5 | 1.2 | 90 | | 15 | 12.5 | B9A | TT |
| XCF80 | 857 238 114 0000 | 00 | 645 237 114 | | 4.5 | [2 200] | 100 | 150 | 14 10 | 5 6.2 | B9A | TP |
| XCF82 | 857 238 114 0000 | 00 | 645 237 114 | | 4.8 | [1 200] | 150 | 100 | 18 10 | 8.5 5.2 | B9A | TP |
| XCL82 | 415 238 718 0000 | 00 | 414 237 516 | | 8 | [0 200] | 100 | 150 | 3.5 41 | 2.5 7.5 | B9A | TP |
| XCL84 | 481 238 157 0000 | 00 | 461 237 145 | | 7.8 | [1.7 2.9 200] | 200 | 200 | 3 18 | 4 10.4 | B9A | TP |
| XCL85 | 841 238 715 0000 | 00 | 641 237 514 | | 8.6 | [0.8 200] | 100 | 150 | 5 41 | 6.5 7.5 | B9A | TP |
| XCL86 | 417 238 158 0000 | 00 | 415 237 146 | | 7.5 | [1.7 7 250] | 250 | 250 | 1.2 36 | 16 10 | B9A | TP |
| XD | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 75 | | 0.7 | 0.8 | SM4 | T |
| XD1.5V | 842 300 000 0000 | 00 | 642 300 000 | | 1.5 | | 50 | | 0.4 | 0.4 | SM4 | T |
| XD2.0V | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 60 | | 0.5 | 0.6 | SM4 | T |
| XE2 | 823 000 000 0000 | 00 | 623 000 000 | | 1.25 | 2.9 | 12 | | 0.1 | 0.1 | B3G | T |
| XE4 | 823 000 000 0000 | 00 | 623 000 000 | | 1.25 | 2 | 12 | | 0.23 | 0.12 | B3G | T |
| XF80 | 141 230 871 0000 | 00 | 141 230 651 | | 3.4 | 2 | 200 | 175 | 10 | 7.2 | B9A | P |
| XF85 | 141 230 871 0000 | 00 | 141 230 651 | | 3.4 | 2 | 250 | 100 | 10 | 6 | B9A | P |
| XF86 | 701 238 014 0000 | 00 | 501 236 014 | | 2.5 | 2 | 250 | 150 | 3 | 2.3 | B9A | P |
| XF94 | 412 387 100 0000 | 00 | 412 365 100 | | 3.1 | 1.0 | 250 | 150 | 10.8 | 5.2 | B7G | P |
| XF183 | 141 230 871 0000 | 00 | 141 230 651 | | 3.6 | 2 | 200 | 90 | 12 | 12.5 | B9A | P |
| XF184 | 141 230 871 0000 | 00 | 141 230 651 | | 3.6 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| XFG1 | 824 300 000 0000 | 00 | 624 300 000 | | 1.5 | | 40 | | 1.5 | | B5A | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| XFR1 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 40 | 40 | 3 | 2 | B5A | P |
| XFR2 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 1.8 | 1.9 | B5A | P |
| XFR3 | 824 300 000 0000 | 00 | 624 300 000 | | 1.2 | 5 | 150 | | 4 | 1.7 | B5 | T |
| XFR5 | 872 430 000 0000 | 00 | 652 430 000 | | 1.2 | | 60 | 60 | 1.8 | 1.1 | B5A | P |
| XFW10 | 873 420 000 0000 | 00 | 653 120 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFW20 | 872 430 000 0000 | 00 | 652 430 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFW30 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFW40 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFW50 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFY10 | 873 420 000 0000 | 00 | 653 420 000 | | 1.3 | 1.3 | 20 | 20 | 0.5 | 0.4 | B5A | P |
| XFY11 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.3 | 0.4 | B5A | P |
| XFY12 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 0.5 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| XFY14 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 3.1 | 0.6 | B5A | P |
| XFY15 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 6.5 | 60 | 60 | 3 | 0.6 | B5A | P |
| XFY20 | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 20 | 20 | | | B5A | P |
| XFY21 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.4 | 0.4 | B5A | P |
| XFY22 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 20 | 20 | 0.3 | 0.4 | B5A | P |
| XFY23 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| XFY31 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.4 | 0.4 | B5A | P |
| XFY32 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| XFY33 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| XFY34 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 4 | 40 | 40 | 1.5 | 0.6 | B5A | P |
| XFY35 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 40 | 40 | 0.7 | 0.6 | B5A | P |
| XFY41 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.2 | 40 | 30 | 0.3 | 0.4 | B5A | P |
| XFY43 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.4 | 0.3 | B5A | P |
| XFY51 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | | 20 | 20 | 0.2 | 0.3 | B5A | P |
| XFY53 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3 | 20 | 20 | 0.5 | 0.3 | B5A | P |
| XFY53M | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 3 | 20 | 20 | 0.5 | 0.3 | B5A | P |
| XFY54 | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 2 | 20 | 20 | 0.3 | 0.3 | B5A | P |
| XH2.0V | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 60 | | 0.5 | 0.6 | SM4 | T |
| XHP1.5V | 284 830 000 0000 | 50 | | | 1.5 | [4.5 | 50 | | 1.7 | 0.7 | SM5 | TT |
| | | | | | | 0 | 50 | | 0.5 | 0.5 | | |
| XL | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1.5 | 75 | | 1.5 | 0.9 | SM4 | T |
| XL01.5 | 842 300 000 0000 | 00 | 642 300 000 | | 1.5 | 1 | 60 | | 0.9 | 0.7 | SM4 | T |
| XL01.5V | 041 230 807 0000 | 00 | *41 23* 6*5 | | 8 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| XL1.5 | 842 300 000 0000 | 00 | 642 300 000 | | 1.5 | 1 | 60 | | 0.7 | 0.6 | SM4 | T |
| XL2.0V | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 1 | 60 | | 1 | 0.8 | SM4 | T |
| XL36 | 842 300 000 0000 | 00 | 642 300 000 | | 1.5 | 4.5 | 50 | | 1.7 | 0.7 | SM4 | T |
| XL84 | 802 384 100 0000 | 00 | 6*2 364 100 | | 2 | 1 | 50 | | 1.1 | 0.9 | B7G | T |
| XL86 | 020 740 310 0000 | 80 | *2* 540 310 | A1 | 12.8 | 8.3 | 100 | 100 | 77 | 11 | A08 | P |
| XP | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 100 | | 9.5 | 1 | SM4 | T |
| XP1.5V | 842 300 000 0000 | 00 | 642 300 000 | | 1.5 | 4 | 60 | | 1.8 | 0.8 | SM4 | T |
| XP2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 75 | | 4 | 1 | SM4 | T |
| XP1.5 | | | 264 730 000 | GL | 1.5 | [4.5 | 50 | | 1.7 | 0.7 | SM5 | TT |
| | | | | | | 0 | 50 | | 0.5 | 0.5 | | |
| XR2 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 7 | 1.9 | B8D | P |
| XR4 | 208 037 240 0000 | 00 | 206 035 240 | | 1.2 | 7.5 | 150 | 125 | 7 | 1.9 | B8D | P |
| XR6 | 412 183 710 0000 | 00 | 412 163 510 | | 6.3 | 1.4 | 100 | 100 | 7 | 5 | B8D | P |
| XR7 | 412 873 180 0000 | 00 | 412 653 160 | | 6.3 | 2 | 100 | 100 | 7.5 | 5.5 | B8D | P |
| XR8 | 482 803 180 0000 | 00 | 462 603 160 | | 6.3 | 2.5 | 100 | | 8 | 4.2 | B8D | T |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Vb | Vg2 | Ia mA | gm mA/V †Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|------|-----|-----|----------|-------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| XR9 | 852 113 480 0000 | 00 | 742 113 460 | | 6.3 | 1.8 | 100 | | 8.5 | 5 | B8B | TT |
| XSG | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 60 | 1.4 | 0.7 | Sm4 | P |
| XSG1.5V | 742 300 000 0000 | 80 | 542 300 000 | A1 | 1.5 | 0 | 50 | 30 | 0.5 | 0.3 | Sm4 | P |
| XSG2.0V | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 0 | 60 | 30 | 0.6 | 0.4 | Sm4 | P |
| XVS2.0V | 742 300 000 0000 | 80 | 542 300 000 | A1 | 2 | 0 | 60 | 30 | 0.4 | 0.3 | Sm4 | P |
| XW1.5 | 274 830 000 0000 | 00 | 254 630 000 | | 1.5 | 0 | 60 | 30 | 0.7 | 0.5 | Sm5 | P |
| XW1.5 | | | 251 630 000 | G1 | 1.5 | 0 | 50 | 50 | 0.7 | 0.5 | Sm5 | P |
| XW2.0V | 274 830 000 0000 | 00 | 254 630 000 | | 2 | 0 | 60 | 50 | 0.9 | 0.6 | Sm5 | P |
| XW075A | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 40 | 30 | 0.3 | 0.2 | B5A | P |
| XW075B | 873 420 000 0000 | 00 | 653 420 000 | | 0.6 | | 40 | 30 | 0.2 | 0.2 | B5A | P |
| XXB | 208 458 320 0000 | 00 | 206 447 320 | | 1.4 | | 90 | | 4.5 | 1.3 | B8B | TT |
| XXD | 218 458 130 0000 | 00 | 216 447 130 | | 12.5 | 10 | 250 | | 9 | 2.1 | B8B | TT |
| XXFM | 284 19X 130 0000 | 00 | 264 189 130 | | 6.3 | 2 | 250 | | 1.5 | 1.5 | B8B | DDT |
| XXL | 280 004 130 0000 | 00 | 260 004 130 | | 6 | 8 | 250 | | 8 | 2.3 | B8B | T |
| XY | 274 830 000 0000 | 00 | 254 630 000 | | 2 | 3 | 75 | 75 | 4 | 1.2 | SM5 | P |
| XY1.4A | 873 420 000 0000 | 00 | 653 420 000 | | 1.4 | 4.5 | 40 | 40 | 1.8 | 0.5 | B5A | P |
| XY1.4B | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 4.5 | 40 | 40 | 1.6 | 0.6 | B5A | P |
| XY1.4C | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 40 | 40 | 0.5 | 0.5 | B5A | P |
| XY1.5 | 274 830 000 0000 | 00 | 254 630 000 | | 1.5 | 1.5 | 40 | 40 | 1.7 | 1 | SM5 | P |
| XY2.0V | 248 730 000 0000 | 00 | 246 530 000 | | 2 | 2 | 60 | 50 | 1.7 | 1.4 | SM5 | P |
| XY14B | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 4.5 | 40 | 40 | 0.3 | 0.6 | B5A | P |
| XY14CC | 873 420 000 0000 | 00 | 653 420 000 | | 1.2 | 1.5 | 40 | 40 | 0.5 | 0.5 | B5A | P |
| XY88 | 000 230 009 0000 | 10 | *** 23* **8 | C | 16 | | | | 120 | | B9A | R |
| Y13 | 047 231 800 0000 | 00 | 045 231 600 | | 13 | 20 | 250 | 250 | 40 | 3.9 | B7 | P |
| Y25 | 400 230 080 0000 | 00 | 4*0 320 060 | | 1.4 | 34 | 250 | | 0.09 | †2.2 | B8A | TI |
| Y61 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | 0.2 | †1.0 | A08 | TI |
| Y62 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | | †1.0 | A08 | TI |
| Y63 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | 0.2 | †1.0 | A08 | TI |
| Y64 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 22 | 250 | 250 | | †1.0 | A08 | TI |
| Y65 | 028 740 310 0000 | 00 | 026 540 310 | | 6.3 | 11 | 250 | 250 | | †1.0 | A08 | TI |
| Y119 | 410 270 807 0000 | 00 | 41* 25* 6*5 | | 19 | 14 | 200 | 200 | 0.4 | †0.5 | B9A | |
| Y220 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 4.5 | 150 | 150 | 10.5 | 2.5 | B4 | P |
| Y220 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 4.5 | 150 | 150 | 10.5 | 2.5 | B5 | P |
| Y230 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 3 | 150 | 150 | 5 | | B5 | P |
| YA1000 | 230 232 032 0000 | 80 | 230 232 032 | A1 | 4 | | | | 180 | | B9A | R |
| YC88 | 414 234 484 0000 | 00 | 414 234 464 | | 2.6 | | 160 | | 12.5 | 14 | B9A | T |
| YC95 | 142 380 100 0000 | 00 | 142 360 100 | | 2.2 | 1.2 | 200 | | 10 | 10.5 | B7G | T |
| YCC89 | 148 235 118 0000 | 00 | 146 234 117 | | 4.8 | 1.9 | 100 | | 15 | 12 | B9A | TT |
| YCL82 | 415 238 718 0000 | 00 | 414 237 516 | | 10.8 | 0 | 100 | | 3.5 | 2.5 | B9A | TP |
| | | | | | | | 200 | 150 | 41 | 7.5 | | |
| YCL84 | 481 238 157 0000 | 00 | 461 237 145 | | 10 | 1.7 | 200 | | 3 | 4 | B9A | TP |
| | | | | | | | 200 | 150 | 18 | 11 | | |
| YCL86 | 417 238 158 0000 | 00 | 415 237 146 | | 10 | 1.7 | 250 | | 1.2 | 1.6 | B9A | TP |
| | | | | | | 7 | 250 | 250 | 36 | 10 | | |
| YD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 4.5 | 150 | | 6 | 3 | B4 | T |
| YF183 | 141 230 871 0000 | 00 | 141 230 651 | | 4.2 | 2 | 200 | 100 | 12 | 12.5 | B9A | P |
| YF184 | 141 230 871 0000 | 00 | 141 230 651 | | 4.2 | 2.5 | 200 | 200 | 10 | 15 | B9A | P |
| YL84 | 041 230 807 0000 | 00 | *41 23* 6*5 | | 8 | 7.3 | 250 | 250 | 48 | 11.3 | B9A | P |
| YL86 | 041 230 807 0000 | 00 | 041 23* 6*5 | | 8 | 12.5 | 200 | 200 | 75 | 10 | B9A | P |
| YL1000 | 014 237 188 0000 | 00 | 014 235 166 | | 1.1 | 6.5 | 100 | 100 | 30 | 4.3 | B9A | P |
| YL1020 | 247 105 200 0000 | 88 | 245 1*4 200 | A1/A2 | 1.6 | | 300 | 250 | 40 | 4 | B7A | PP |

| VALVE TYPE | VCM163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | Vf | Vg1 | Va | Vg2 | Ia mA | gm mA/V † Ra MΩ | BASE | TYPE |
|---------------|--------------------|------------|------------------------------------|------------|------|-----|-----|-----|----------|--------------------------|------|------|
| | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | | | | | | | | |
| YL1030 | 247 305 200 0000 | 88 | 245 3*4 200 | A1/A2 | 2.1 | | 200 | 200 | 30 | 4.5 | B7A | PP |
| YL1060 | 247 135 200 0000 | 88 | 245 134 200 | A1/A2 | 6.3 | 15 | 300 | 250 | 95 | 5 | B7A | PP |
| YL1080 | 425 238 782 0000 | 00 | 424 236 572 | | 1.6 | | 200 | 200 | 30 | 3.3 | B9A | PP |
| YL1130 | 423 878 324 0000 | 00 | 423 756 324 | | 1.1 | | 200 | 200 | 40 | 7 | B9A | PP |
| YL1150 | 701 423 100 0000 | 80 | 245 611 300 | | 6.3 | | 400 | 250 | 100 | 35 | B7A | P |
| YL1190 | 431 878 235 0000 | 00 | 432 756 234 | | 1.5 | | 150 | 150 | 45 | 9.5 | B9D | PP |
| YL1200 | 247 811 300 0000 | 00 | 245 611 300 | | 12.6 | 17 | 100 | 250 | 100 | | B7A | P |
| YL1240 | 415 228 783 0000 | 00 | 414 227 563 | | 6.75 | | 400 | 200 | 30 | 3.3 | B9A | PP |
| YY88 | 000 230 009 0000 | 10 | *** 23* **8 | C | 22 | | | | 180 | | B9A | R |
| Z14 | 038 700 200 0000 | 40 | 036 500 200 | G1 | 1.4 | 1 | 100 | 100 | 0.5 | 0.6 | A08 | P |
| Z21 | 742 300 000 0000 | 80 | 041 230 500 | A1 | 2 | 1 | 150 | 150 | 1.1 | 1.2 | B7 | P |
| Z21 | 041 230 700 0000 | 80 | 542 300 000 | A1 | 2 | 1 | 150 | 150 | 1.1 | 1.2 | B4 | P |
| Z22 | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 0 | 150 | 150 | 2.5 | 1.4 | B7 | P |
| Z22Met | 041 230 700 0000 | 80 | 041 230 500 | A1 | 2 | 0 | 150 | 150 | 2.5 | 1.4 | B7 | P |
| Z26 | 047 231 800 0000 | 00 | 045 231 600 | | 26 | 5.5 | 250 | 250 | 32 | 7.5 | B7 | P |
| Z62 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 2 | 300 | 150 | 10 | 7.5 | A08 | P |
| Z63 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 2 | 1.2 | A08 | P |
| Z66 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 1.5 | 200 | 200 | 10.9 | 8.5 | A08 | P |
| Z73 | 028 710 310 0000 | 40 | 026 510 310 | G1 | 6 | 3 | 250 | 100 | 6.5 | 1.7 | A08 | P |
| Z77 | 412 381 700 0000 | 00 | 412 361 500 | | 6 | 2 | 250 | 250 | 10 | 7.5 | B7G | P |
| Z90 | 278 101 403 0000 | 00 | 256 101 403 | | 6 | 1.5 | 200 | 150 | 4 | 6.4 | | |
| Z142 | 280 174 130 0000 | 00 | 260 154 130 | | 21 | 2 | 200 | 200 | 10 | 8.5 | B9G | P |
| Z145 | 281 714 130 0000 | 00 | 261 514 130 | | 22 | 1.8 | 200 | 200 | 10 | 9 | B8A | P |
| Z150 | 280 174 130 0000 | 00 | 260 154 130 | | 6 | 2 | 250 | 250 | 10 | 9.5 | B8A | P |
| Z152 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 200 | 200 | 10 | 7.4 | B9A | P |
| Z220 | 842 370 000 0000 | 00 | 642 350 000 | | 2 | 7.5 | 150 | 150 | 15 | 2 | B4 | P |
| Z220 | 842 300 000 0000 | 70 | 642 300 000 | G2 | 2 | 7.5 | 150 | 150 | 15 | 2 | B5 | P |
| Z309 | 141 223 871 0000 | 00 | 141 223 651 | | 6 | 2 | 250 | 250 | 20 | 15 | B9A | P |
| Z319 | 141 231 877 0000 | 00 | 141 321 655 | | 6 | 2 | 350 | 250 | 12.5 | 11.5 | B9A | P |
| Z329 | 141 230 871 0000 | 00 | 141 230 651 | | 7.3 | 1.9 | 200 | 175 | 10 | 8.8 | B9A | P |
| Z359 | 141 230 871 0000 | 00 | 141 230 651 | | 12 | 2 | 250 | 250 | 20 | 15 | B9A | P |
| Z719 | 141 230 871 0000 | 00 | 141 230 651 | | 6 | 2 | 200 | 175 | 10 | 7.4 | B9A | P |
| Z729 | 701 238 014 0000 | 00 | 501 236 014 | | 6 | 1 | 250 | 100 | 2 | 1.8 | B9A | P |
| Z749 | 141 230 871 0000 | 00 | 141 230 651 | | 6.3 | 1.9 | 200 | 175 | 10 | 9.2 | B9A | P |
| Z759 | 141 023 871 0000 | 00 | 141 023 651 | | 6 | 2 | 250 | 250 | 15 | 15 | B9A | P |
| ZD | 9X2 310 000 0000 | 00 | 892 310 000 | | 13 | | | | | | B5 | DD |
| ZD2 | 842 300 000 0000 | 00 | 642 300 000 | | 2 | 12 | 150 | | 7 | 1 | B4 | T |
| ZD17 | 209 784 300 0000 | 00 | 208 564 300 | | 1.4 | 1 | 90 | 90 | 2.7 | 0.6 | B7G | DP |
| ZD25 | 209 784 300 0000 | 00 | 2*8 564 300 | | 1.4 | 1.5 | 60 | 60 | 0.2 | 0.2 | B7G | DP |
| ZD152 | 741 238 9X1 0000 | 00 | 541 236 891 | | 6 | 2 | 250 | 90 | 5 | 2.2 | B9A | DDP |

APPENDIX

TEST DATA FOR HIGH VOLTAGE RECTIFIERS

The following procedure should be adopted when testing high voltage rectifiers.

Make insulation checks with valve cold end hot as stated in paragraphs 1 and 2 of the Abbreviated Working Instructions.

Then set Anode and Screen Voltage switches to their minimum value (i.e. 20) and Anode Current Controls to figure shown in Data column. With circuit Selector set to TEST and Anode Selector at A1 increase Anode Volts setting until indicating meter reads in a forward direction.

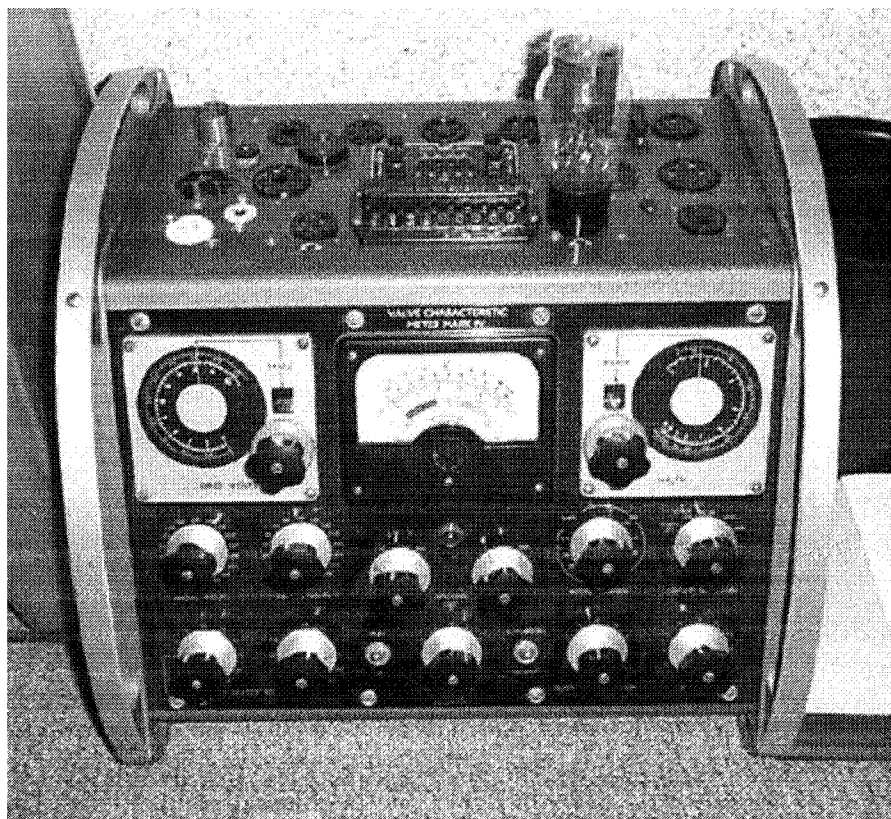
The setting of the Anode Voltage switch for a good valve should not exceed the figure given in column headed Anode Volts.

When checking full wave or voltage doubler rectifiers, check second Anode with Anode Selector at A2.

NOTE:—The valve should be heated to working temperature before setting Circuit Selector to position TEST and only left at this position for sufficient time to take a reading.

| VALVE | SELECTOR SWITCH | TOP CAP | SELECTOR SWITCH | TOP CAP | Vf | Anode Volts (Max.) | Ia mA (Min.) | Valve Holder | Type | Remarks |
|-----------|----------------------|---------|---------------------------------|---------|--------|--------------------|--------------|--------------|------|--------------|
| | VCM 163 only | | VCM.s Mk 1-4 incl and CT/VT 160 | | | | | | | |
| †1B3 | 020 000 300 0 00 | 80 | 020 000 300 | A1 | 1.25 | 200 | 6 | A08 | R | |
| †1Z2 | 232 232 300 0000 | 80 | 232 232 300 | A1 | 1.4 | | | B7G | R | |
| †2V3 | 020 000 300 0000 | 80 | 020 000 300 | A1 | 2.5(3) | | | A08 | R | |
| †2V3G | 020 000 300 0000 | 80 | 020 000 300 | A1 | 2.5(3) | | | A08 | R | |
| †2X2 | 200 300 000 0000 | 80 | 200 300 000 | A1 | 2.5(3) | 100 | 10 | UX4 | R | |
| †2Y2 | 200 300 000 0000 | 80 | 200 300 000 | A1 | 2.5 | 100 | 10 | UX4 | R | |
| †3B2 | 320 200 000 0000 | 80 | 320 200 000 | A1 | 2.5 | 60 | 10 | UX4 | R | |
| †6W2 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6 | 100 | 9 | Nil | R | |
| †225DU | [082 323 000 0000] | 00 | 082 323 600 | | 2 | 40 | 20 | B7 | RR | Test A1 & A2 |
| †405BU | [082 300 000 0000] | 00 | 672 300 000 | | 4 | 40 | 20 | B4 | RR | Test A1 & A2 |
| †732A | 230 300 000 0000 | 80 | 230 300 000 | A1 | 2.5 | 60 | 10 | UX4 | R | |
| †879 | 200 300 000 0000 | 80 | 200 300 000 | A1 | 2.5 | 100 | 10 | UX4 | R | |
| †1876 | 123 000 800 0000 | 00 | 123 000 700 | | 4 | | | 8SC | R | |
| †1877 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 100 | 10 | B4 | R | |
| †8016 | 020 000 300 0000 | 80 | 020 000 300 | A1 | 1.25 | 200 | 6 | A08 | R | |
| †8020 | 200 300 000 0000 | 80 | 200 300 000 | A1 | 5 | 100 | 22 | B4 | R | |
| †CE230 | 320 200 000 0000 | 80 | 320 200 000 | A1 | 2.5 | 60 | 10 | UX4 | R | |
| †EY51 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6 | 100 | 9 | B3G | R | |
| †HVR2 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 100 | 10 | B4 | R | |
| †HVR2A | 002 300 000 0000 | 80 | 002 300 000 | A1 | 2(2.5) | 100 | 10 | B4 | R | |
| †R12 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6.3 | 100 | 9 | B3G | R | |
| †SU61 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6.3 | 100 | 9 | B3G | R | |
| †SU2150 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 2(2.5) | 60 | 4 | B4 | R | |
| †SU2150A | 002 300 000 0000 | 80 | 002 300 000 | A1 | 2 | 200 | 50 | B4 | R | |
| †U17 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 40 | 35 | B4 | R | |
| †U19 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 40 | 70 | B4 | R | |
| †U21 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 2 | 60 | 4 | B4 | R | |
| †U22 | 200 000 030 0000 | 80 | 200 000 030 | A1 | 2(3) | 60 | 4 | M08 | R | |
| †U23 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 40 | 100 | B4 | R | |
| †U24 | 020 000 300 0000 | 80 | 020 000 300 | A1 | 2 | 20 | 0.5 | A08 | R | |
| †U41 | 020 300 000 0000 | 80 | 020 300 000 | A1 | 1.25 | 200 | 6 | A08 | R | |
| †U43 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6.3 | 100 | 9 | Nil | R | |
| †U151 | 230 000 000 0000 | 80 | 230 000 000 | A1 | 6.3 | 100 | 9 | Nil | R | |
| †V21/7000 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 100 | 10 | B4 | R | |
| †V960 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 80 | 90 | B4 | R | |
| †V1906 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 60 | 100 | B4 | R | |
| †V1907 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 150 | 70 | B4 | R | |
| †V1913 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 40 | 100 | B4 | R | |
| †V1920 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 100 | 90 | B4 | R | |
| †VL51 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4 | 100 | 10 | B4 | R | |
| †CV317 | 322 322 222 0000 | 80 | 322 322 222 | A1 | 4 | 60 | 80 | B9G | R | |
| †CV121 | 002 300 000 0000 | 80 | 002 300 000 | A1 | 4(5) | 100 | 90 | B4 | R | |

Extra AVO mk4 test settings



| <i>tube</i> | <i>pin settings</i> | <i>U_h (V)</i> | <i>U_g (V)</i> | <i>U_a (V)</i> | <i>I_a (mA)</i> | <i>g_m (mA/V)</i> |
|--------------------------|---------------------|--------------------------|--------------------------|--------------------------|---------------------------|-----------------------------|
| 6B4G Sovtek single-plate | 026 040 300 | 6.3 | -36 | 250 | 60 | 5200 |
| 300B Sovtek ** | 264 300 000 | 5.0 | -70 | 350 | 67 | 3200 |
| 300B Sovtek ** | 264 300 000 | 5.0 | -70 | 350 | 52 | 3700 |
| AVVT300B-SL | 264 300 000 | 5.0 | -76 | 400 | 70 | 3000 |
| M7 | 642 300 000 | 4.0 | -2 | 400 | 3 | 1600 |
| RS241 | 642 300 000 | 4.0 | -10 | 400 | 30 | 3500 |
| S6 | 642 300 000 | 4.0 | -4 | 400 | 34 | 4400 |
| 6H30P | 741 326 410 | 6.3 | -10 | 200 | 20 | ---- |
| 6H6P | 741 326 410 | 6.3 | -7 | 200 | 20 | ---- |
| 6S45P | 141 321 641 | 6.3 | -2.2 | 200 | 25 | ---- |
| 6S19P | 646 326 461 | 6.3 | -46.5 | 175 | 50 | 3700 |
| 6S41P | 301 640 200 | 6.3 | -74 | 250 | 90 | 4200 |
| 1626 | 036 040 210 | 12.6 | -31 | 250 | 20 | 2300 |