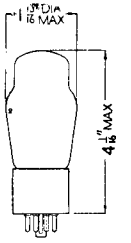
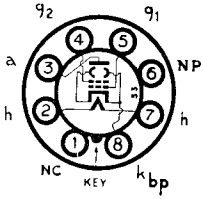
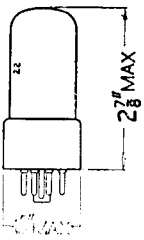
Current Equipment Types

TYPES 6V6G, 6V6GT
(OCTAL BASE)



6V6G.





6V6GT

OUTPUT BEAM TETRODES

RATINGS

Heater Voltage	6.3 volts
Heater Current	0.45 amp.
Anode Voltage	315 volts max.
Anode Dissipation	12 watts max.
Screen (g_2) Voltage	285 volts max.
Screen Dissipation	2.0 watts max.

OPERATING CHARACTERISTICS

	Single Valve Class A		Push Pull Class AB1 (2 valves)	
Anode Voltage	180	250	285	volts
Anode Current (Zero Signal)	29	45	70	mA
Anode Current (Max. Signal)	30	47	92	mA
Screen Voltage	180	250	285	volts
Screen Current (Zero Signal)	3.0	4.5	4.0	mA
Screen Current (Max. Signal)	4.0	7.0	13.5	mA
Control Grid (g_1) Voltage	−8.5	−12.5	−19	volts
Cathode Bias Resistor	250	240	250	ohms
Anode Impedance	58,000	52,000	–	ohms
Mutual Conductance	3.7	4.1	–	mA/V
Optimum Load	5,500	5,000	8,000	ohms
Power Output	2.0	4.5	14	watts
Harmonic Distortion	8	8	3.5	per cent.

OPERATION AS TRIODE (Anode and Screen strapped)

	CLASS A.	PUSH PULL (2 valves)	
Anode Voltage	250	285	max. volts
Anode Current	90	78	mA
Cathode Bias Resistor	150	240	ohms
Optimum Load	4,000	4,500	ohms
Power Output	1.7	3.1	watts
Harmonic Distortion	0.4	0.5	per cent.

INTER-ELECTRODE CAPACITANCES †

Input	10.5 pF
Output	9.2 pF
Control Grid to Anode	1.2 pF
Heater to Cathode	6.0 pF

For characteristic curves refer overleaf to type 6BW6.

† With no external shield.