

MOTOR CIRCUIT  
 120V 50/60 HZ  
 \* ROTATION AS VIEWED FROM MOTOR END  
 MOTOR SPEED: SEE CHART

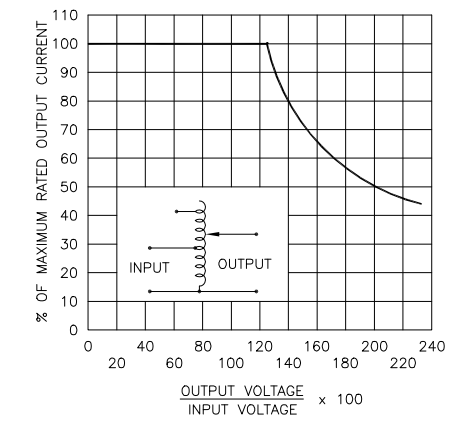


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

\* MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE, FIGURE A.

++ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE-RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, FIGURE A.

V.D. = VOLTAGE DOUBLER.

WIRING	INPUT		OUTPUT		SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS		
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END		
				MAX. AMPS		MAX. KVA	INPUT	OUTPUT
THREE PHASE WYE	480	50/60	0-480	140	116.5	CW	4-4-4	D-D-D
		60	0-560	140	136.0	CW	2-2-2	D-D-D
	240	60	0-560	140-60 V.D.	58.2 ++	CW	5-5-5	D-D-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT UNITS IN [mm]  
 .XX .040-.12 .002-.03 1° 1-1/2°  
 MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M5021-15Y

DRAWN BY: TIM RAU DATE: 10/22/97 FIRST USED ON: DO NOT SCALE DWG.  
 CHECKER: DATE: WEIGHT APPROX. 1179 LBS. CAGE CODE 83008  
 ENGINEER: DATE: SCALE .25=1 SHEET 1 OF 1

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 302 South Boulevard Dayton, Ohio 45403 USA

DWG. NO. 031-8569

SPEED (SECONDS)	MODEL NUMBER
30	30M5021-15Y
60	60M5021-15Y