



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

§ MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.

π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

■ JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

++ LINE TO LINE VOLTAGE.

+ MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.

SPECIFICATIONS												
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS				
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD MAX. AMPS	CONSTANT IMPEDANCE LOAD MAX. KVA	MAX. AMPS		MAX. KVA	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +			
THREE PHASE WYE π	480 ++	50/60	0-480	3.5	2.91	5.0	4.16	CW	1-1-1	4-4-4	3-3-3	
		60	0-560	3.5	3.40	—	—	CCW	4-4-4	1-1-1	3-3-3	
	240 ++	60	0-560	3.5#	1.46 §	—	—	CW	5-5-5	4-4-4	3-3-3	
								CCW	2-2-2	1-1-1	3-3-3	
								CCW	7-7-7	4-4-4	3-3-3	
									CCW	6-6-6	1-1-1	3-3-3

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M1020B-3	20.25 [514.2]
15	15M1020B-3	20.25 [514.2]
30	30M1020B-3	20.64 [524.2]
60	60M1020B-3	20.64 [524.2]

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .002	HOLES .002	ANGLES 1°	DRAFT 1-1/2°	UNITS IN [mm]	TITLE: SPEC. CONTROL DRAWING
MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING					MOTORIZED VARIABLE XFMR MODEL: M1020B-3
ENGINEER	CHECKER	DATE	SCALE	WEIGHT APPROX. 40 LBS	CODE IDENT. NO. 83008
		9/24/97	.50=1	DO NOT SCALE DWG.	SHEET 1 OF 1
				CUSTOMER APPROVAL	DWG. NO. 031-2476



The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.