



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

- ++ LINE TO LINE VOLTAGE
- + MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.
- 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 TRANSFORMERS WILL BE DAMAGED.
- JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

SCHEMATIC
 FUSE RECOMMENDED BUT NOT SUPPLIED

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M1220B-3	20.25 [514.2]
15	15M1220B-3	20.25 [514.2]
30	30M1220B-3	20.64 [524.2]
60	60M1220B-3	20.64 [524.2]

WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD		FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +			
				MAX. AMPS	MAX. KVA	MAX. AMPS		MAX. KVA	INPUT	JUMPER ■	OUTPUT
THREE PHASE WYE π	480 ++	60	0-480	5.0	4.16	7.0	5.82	CW	1-1-1	4-4-4	3-3-3
								CCW	4-4-4	1-1-1	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .002 .005
 HOLES .002
 ANGLES 1°
 DRAFT 1-1/2°
 UNITS IN [mm]
 ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
 MOTORIZED VARIABLE XFMR
 MODEL: M1220B-3

DRAWN BY S.A. SMITH DATE 9/26/97 FIRST USED ON DO NOT SCALE DWG. CUSTOMER APPROVAL DATE

CHECKER DATE WEIGHT APPROX. 38.50 LBS CODE IDENT. NO. 83008 DWG. NO. 031-3420

ENGINEER DATE SCALE .50=1 SHEET 1 OF 1

STACO
 ENERGY PRODUCTS CO.
 A COMPONENTS CORPORATION OF AMERICA COMPANY
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