



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	5M1010B-3	20.25 [514.2]
15	15M1010B-3	20.25 [514.2]
30	30M1010B-3	20.64 [524.2]
60	60M1010B-3	20.64 [524.2]

WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	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	240	50/60	0-240	10	4.16	13	5.4	CW	1-1-1	4-4-4	3-3-3
			0-280	10	4.85	—	—	CCW	4-4-4	1-1-1	3-3-3
	++	60	0-280	10	4.85	—	—	CW	5-5-5	4-4-4	3-3-3
			0-280	10	4.85	—	—	CCW	2-2-2	1-1-1	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES .002 ANGLES 1° DRAFT 1-1/2° UNITS IN [mm]

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING  
MOTORIZED VARIABLE XFMR  
MODEL: M1010B-3

DRAWN BY: S.A. SMITH DATE: 9/19/97

CHECKER: DATE: WEIGHT APPROX. 38.50 LBS. CODE IDENT. NO. 83008

ENGINEER: DATE: SCALE .50=1 SHEET 1 OF 1

CUSTOMER APPROVAL: DATE: DWG. NO. 031-1776

STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.