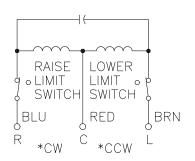


FIGURE A MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.



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

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

- # 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													
	INPUT		OUTPUT			SHAFT	TERMINAL CONNECTIONS						
WIRING	VOLTS	HERTZ	VOLTS	CURF	CONSTANT CONSTANT ROT. CURRENT IMPEDANCE		ROTATION TO INCREASE	FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +					
				MAX. AMPS	MAX. KVA	MAX. AMPS	MAX. KVA	VOLTAGE	INPUT	JUMPER	OUTPUT		
		50/60 0-	0-480	3.5 2.9		1 5.0	4.16	CW	1-1-1	4-4-4	3-3-3		
	400				2.91			CCW	4-4-4	1-1-1	3-3-3		
THREE PHASE	E ++	60	0-560	3.5	3.40			CW	5-5-5	4-4-4	3-3-3		
WYE		60 0-560	3.5	3.40			CCW	2-2-2	1-1-1	3-3-3			
π	240	60 0-560	3.5# 1.46	1 46 §		_	CW	7-7-7	4-4-4	3-3-3			
				1.40			CCW	6-6-6	1-1-1	3-3-3			
UNLESS OTHER DECIMALS .XX .0010=.06 .XXX .005	WISE SPECIFIED. 1 HOLES ANG .002 1	LES DRAFT	UNITS IN [mm]			CON			(0)				
MATERIAL :			ALL	MOTORIZED VARIABLE XFMR ENERGY PRODUCTS CO.									

S.A. SMITH

MODEL: M1020B-3

DAYTON, OHIO U.S.A.

SCALE .50=1 SHEET 1 OF 1 D 031-2476