

MOTOR CIRCUIT  
 120V, 50/60 HZ  
 \* ROTATION AS VIEWED FROM TOP END  
 MOTOR SPEEDS: 30, 60 SEC.

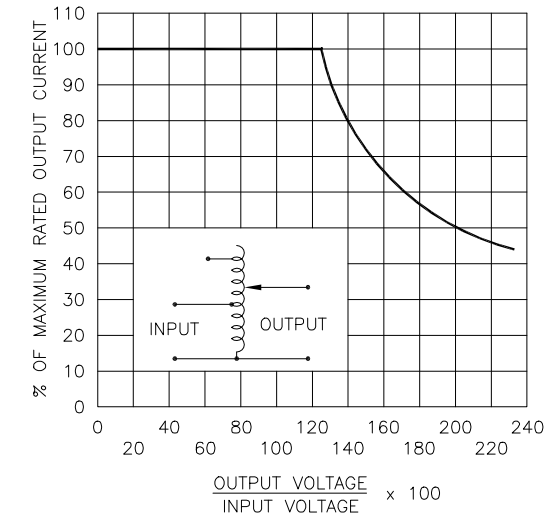


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

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

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

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
30	30M5021E-9Y
60	60M5021E-9Y

WIRING	INPUT		OUTPUT			SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP	
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD			INPUT	OUTPUT
				MAX. AMPS	MAX. KVA			
THREE PHASE WYE	480	50/60	0-480	84	69.8	CW	4-4-4	D-D-D
		60	0-560	84	81.5	CW	2-2-2	D-D-D
	240	60	0-560	84-36 V.D.	35.0 ++	CW	5-5-5	D-D-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .XXX .005  
 HOLES .12 .008 .03  
 ANGLES 1°  
 DRAFT 1-1/2°  
 UNITS IN [mm]

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPECIFICATION CONTROL DRAWING  
 MOTORIZED VARIABLE TRANSFORMER  
 30 & 60M5021E-9Y

STACO ENERGY PRODUCTS CO.  
 DAYTON, OHIO U.S.A.

DRAWN BY S.A. SMITH DATE 11/22/94 FIRST USED ON M5021E-9Y DO NOT SCALE DWG.  
 CHECKER DATE WEIGHT APPROX. CODE IDENT. NO. 83008 DWG. NO. 031-8440  
 ENGINEER DATE SCALE .125=1 SHEET 1 OF 1

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