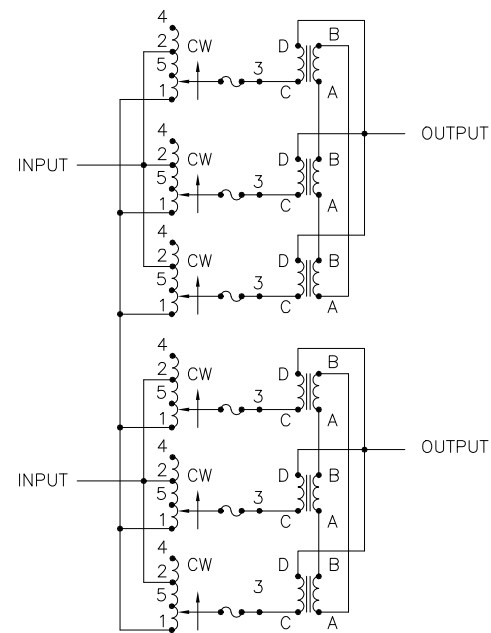


MOTOR CIRCUIT  
 120V 50/60 HZ  
 \* ROTATION AS VIEWED FROM MOTOR END  
 MOTOR SPEED : SEE CHART



SCHEMATIC

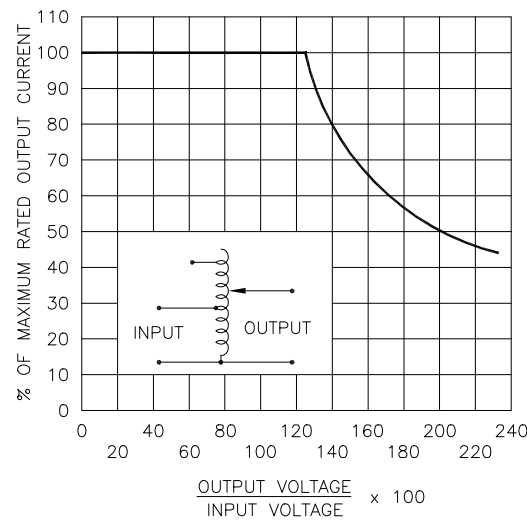


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

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

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

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
15	15M5021-6PS
30	30M5021-6PS
60	60M5021-6PS

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			
SINGLE PHASE SERIES PARALLEL	480	50/60	0-480	84	40.3	CW	4-4	D-D
			0-560	84	47.0	CW	2-2	D-D
	240	50/60	0-560	84-36 V.D.	20.4++	CW	5-5	D-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES .12 .002 ANGLES DRAFT 1° 1-1/2° MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR TYPE: M5021-6PS



DRAWN BY: TIM RAU	DATE: 12/10/99	FIRST USED ON: DO NOT SCALE DWG.	CUSTOMER APPROVAL: DATE
CHECKER:	DATE:	WEIGHT APPROX. 502 LBS.	CODE IDENT. NO. 83008
ENGINEER:	DATE:	SCALE .25=1	DWG. NO. 031-7828