



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* V.D.	20.4++	CW	5-5	D-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±  
 DECIMALS HOLES ANGLES DRAFT UNITS  
 .XX .12 .002 1° 1-1/2" IN [mm]  
 .XXX .005

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

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

STACO ENERGY PRODUCTS CO.  
 A Components Corporation of Ametec Company  
 302 South Boulevard Dayton, Ohio 45403 USA

DRAWN BY: TIM RAU DATE: 12/10/99 FIRST USED ON: DO NOT SCALE DWG.  
 CHECKER: DATE: WEIGHT APPROX. 502 LBS. CAGE CODE 83008  
 ENGINEER: DATE: SCALE .25=1 SHEET 1 OF 1

DWG. NO. 031-7828