

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

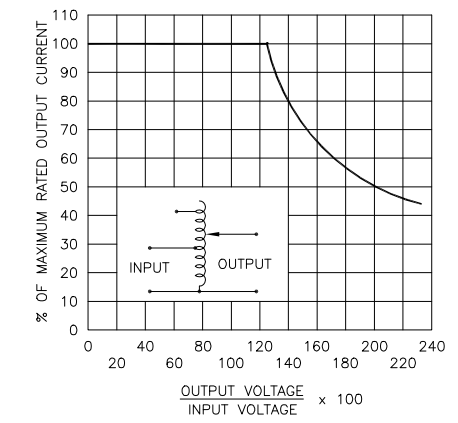


FIGURE A  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

\* 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.

| WIRING          | INPUT |       | OUTPUT |                       | SHAFT ROTATION TO INCREASE VOLTAGE | TERMINAL CONNECTIONS                            |       |        |
|-----------------|-------|-------|--------|-----------------------|------------------------------------|---|-------|--------|
|                 | VOLTS | HERTZ | VOLTS  | CONSTANT CURRENT LOAD |                                    | FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END |       |        |
|                 |       |       |        | MAX. AMPS             |                                    | MAX. KVA  | INPUT | OUTPUT |
| THREE PHASE WYE | 480   | 50/60 | 0-480  | 140                   | 116.5                              | CW  | 4-4-4 | D-D-D  |
|                 |       | 60    | 0-560  | 140                   | 136.0                              | CW  | 2-2-2 | D-D-D  |
|                 | 240   | 60    | 0-560  | 140-60 V.D.           | 58.2 ++                            | CW  | 5-5-5 | D-D-D  |

| SPEED (SECONDS) | MODEL NUMBER |
|-----------------|--------------|
| 30              | 30M5021-15Y  |
| 60              | 60M5021-15Y  |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT UNITS IN [mm]  
 .XX .040-.12 .002-.03 1° 1-1/2°  
 MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER TYPE: M5021-15Y

DRAWN BY: TIM RAU DATE: 10/22/97 FIRST USED ON: DO NOT SCALE DWG.  
 CHECKER: DATE: WEIGHT APPROX. 1179 LBS. CAGE CODE 83008  
 ENGINEER: DATE: SCALE .25=1 SHEET 1 OF 1

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

DWG. NO. 031-8569