

MOTOR CIRCUIT

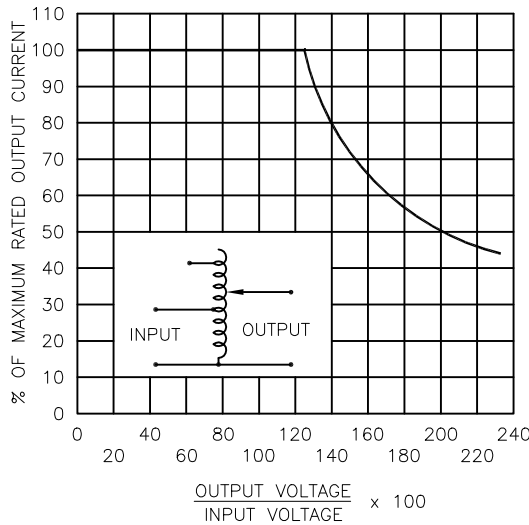



FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

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) | TYPE NO. |
|-----------------|--------------|
| 5 | 5M6020CT-2S |
| 15 | 15M6020CT-2S |
| 30 | 30M6020CT-2S |
| 60 | 60M6020CT-2S |

| SPECIFICATIONS | | | | | | | | | | |
|---|-------|---|------------------|----------------|---|---|---|-------------------|---|-----------|
| WIRING | INPUT | | OUTPUT | | | SHAFT ROTATION FOR INCREASE VOLTAGE | TERMINAL CONNECTIONS | | | |
| | VOLTS | HERTZ | VOLTS | MAX. AMPS | MAX. KVA | | FOR INCREASING VOLTAGE AS VIEWED FROM ROTOR END | | | |
| | | | | | | | INPUT | JUMPER | OUTPUT | |
| SINGLE PHASE SERIES | 480 | 50/60 | 0-480 | 35 | 16.8 | CW | 4-4 | —— | 3-3 | |
| | | | 0-560 | 35 | 19.6 | CW | 2-2 | —— | 3-3 | |
| | 240 | 50/60 | 0-560 | 35*-15 V.D. | 8.4 † | CW | 5-5 | —— | 3-3 | |
| UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT .XX .001± .12 .002 1° 1-1/2° .XXX .005 | | | UNITS IN [mm] | | TITLE: SPEC. CONTROL DWG. VARIABLE TRANSFORMER TYPE: M6020CT-2S | | | |  STACO ENERGY PRODUCTS CO. DAYTON, OHIO U.S.A. | |
| MATERIAL: | | ALL DIMENSIONS APPLY AFTER PLATING | | | | | | | | |
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| DRAWN BY TIM RAU | | DATE 6/12/96 | | FIRST USED ON | | DO NOT SCALE DWG. | | CUSTOMER APPROVAL | | DATE |
| CHECKER | | DATE | | WEIGHT APPROX. | | CODE IDENT. NO. 83008 | | DWG. NO. | | DWG. SIZE |
| ENGINEER | | DATE | | SCALE .5=1 | | SHEET 1 OF 1 | | D | | 032-7669 |

Mouser Electronics

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Staco:

M6020CT-2S