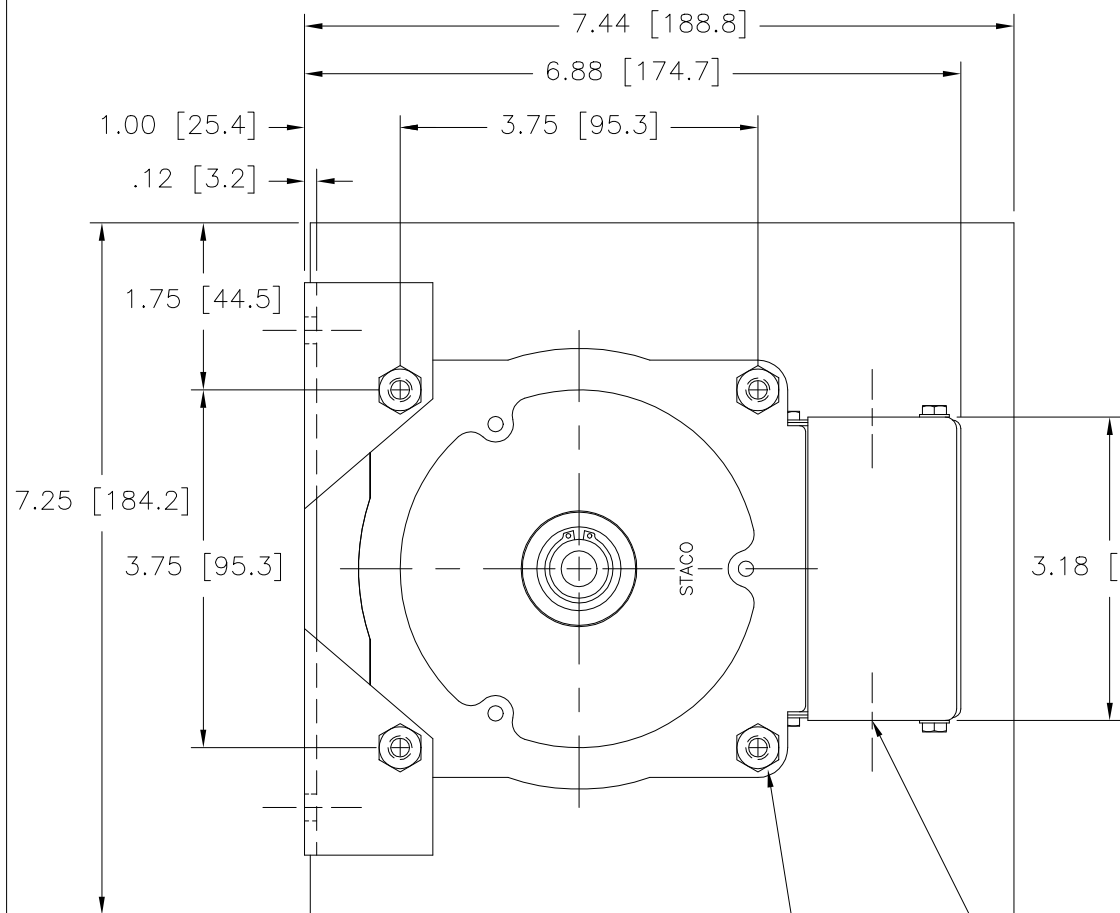
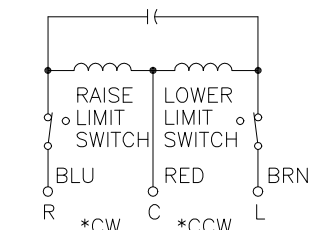
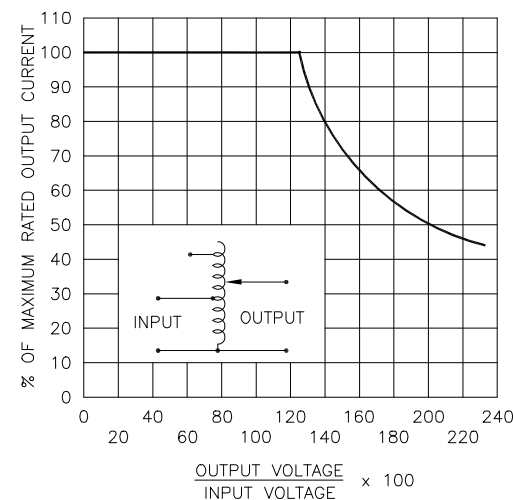
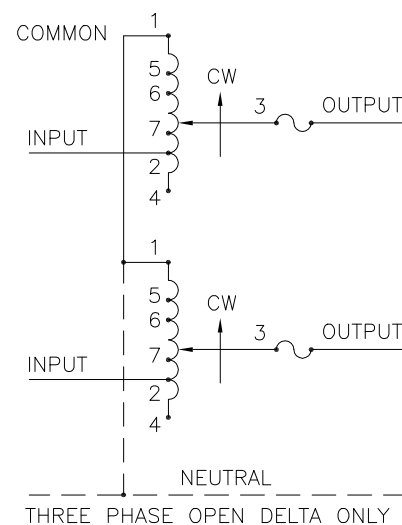
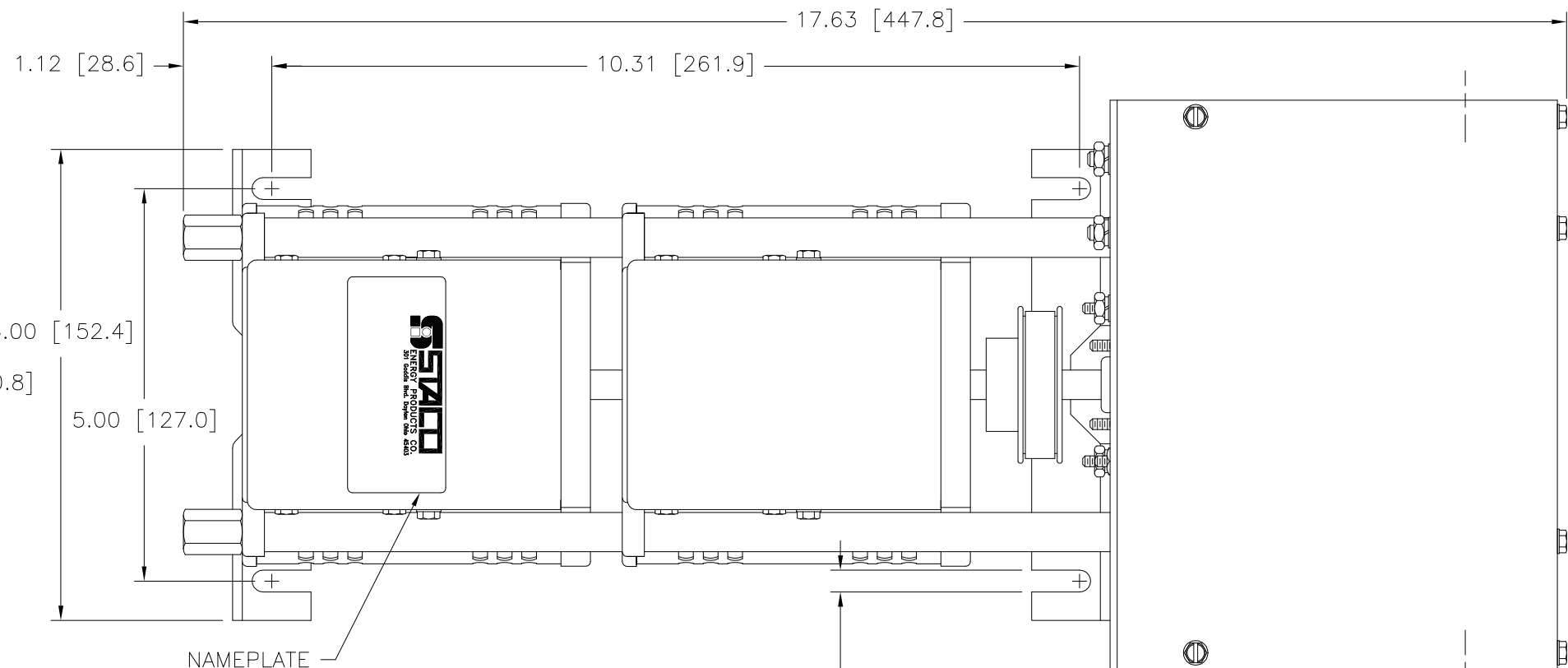




(4) STANDOFFS TAPPED
1/4-28 X .38 [9.5] DEEP
FOR MOUNTING BOLTS

.88 [22.2] DIA. KNOCKOUT
(4) PLACES FOR
WIRING CONNECTIONS



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

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

§ MAXIMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT. MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING CURVE FIGURE A.

7P IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

■ JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

++ LINE TO LINE VOLTAGE.

+ MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE AS VIEWED FROM BASE END.

SPEED (SECONDS)	MODEL NUMBER
5	5M1020BCT-2
15	15M1020BCT-2
30	30M1020BCT-2
60	60M1020BCT-2

SPECIFICATIONS																	
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS									
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD		FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +									
				MAX. AMPS	MAX. KVA	MAX. AMPS		MAX. KVA	INPUT	JUMPER ■	OUTPUT						
SINGLE PHASE SERIES	480	50/60	0-480	3.5	1.68	5.0	2.4	CW	1-1	4-4	3-3						
			0-560	3.5	1.96	—	—	CCW	4-4	1-1	3-3						
	240	50/60	0-560	3.5#	0.84 S	—	—	CW	5-5	4-4	3-3						
								CCW	2-2	1-1	3-3						
								CW	7-7	4-4	3-3						
								CCW	6-6	1-1	3-3						
THREE PHASE OPEN DELTA π	240 ++	50/60	0-240	3.5	1.45	5.0	2.08	CW	1-4-1	4-4	3-4-3						
			0-280	3.5	1.70	—	—	CCW	4-1-4	1-1	3-1-3						
	120 ++	50/60	0-280	3.5#	0.73 S	—	—	CW	5-4-5	4-4	3-4-3						
								CCW	2-1-2	1-1	3-1-3						
								CW	7-4-7	4-4	3-4-3						
								CCW	6-1-6	1-1	3-1-3						
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DIMENALS: HOLES ANGLES DRAFT .XX .000 .06 .002 1° 1-1/2°			UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR MODEL: M1020BCT-2			 STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.									
MATERIAL :			ALL DIMENSIONS APPLY AFTER PLATING														
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.						DRAWN BY S.A. SMITH		DATE 9/24/97		FIRST USED ON		DO NOT SCALE DWG.		CUSTOMER APPROVAL		DATE	
						CHECKER		DATE		WEIGHT APPROX. 30.75 LBS		CODE IDENT. NO. 83008		DWG. SIZE		DWG. NO.	
						ENGINEER		DATE		SCALE 1=1		SHEET 1 of 1		D		031-2540	

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