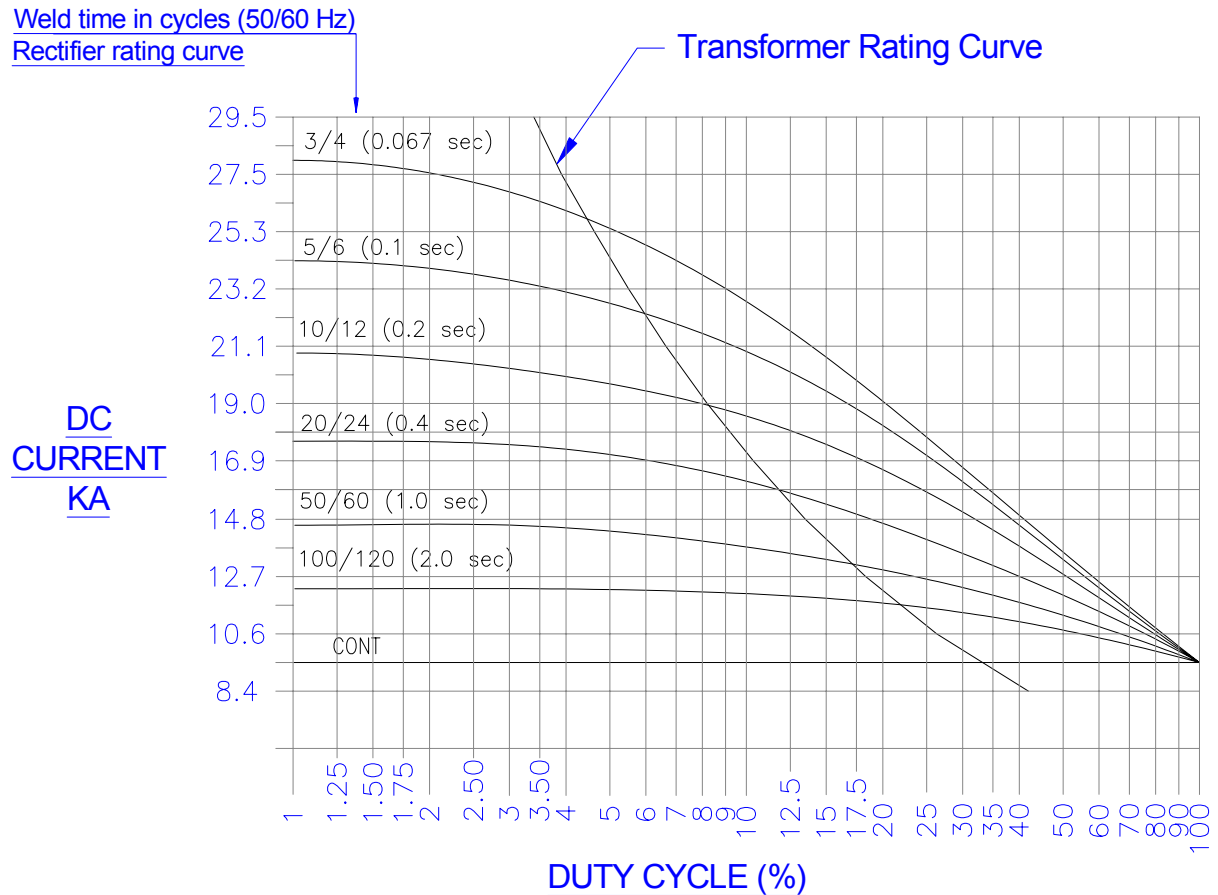


Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
2 Diode(s) per rectifier leg
4 Diodes total



Notes:
 These curves are based on rated water flow of 2 G.P.M (7.5 L.P.M.).
 Maximum water in temperature of 30°C.
 For applications above a 20% duty cycle, contact Roman Manufacturing for assistance.
Rectifier Rating:
 % Duty Cycle is based on shortest time from beginning of one weld to the beginning of next weld. On time/(On + Off time).
Transformer Rating:
 % Duty Cycle is total "On" time in one minute.

1110064

			B	Revised 1200Hz was 50/60	07APR98 acg
H	Added TDC-5674 to Where Used	13Sep05 kly	A	Added seconds to curve	22OCT97 acg
G	Added 'Duty cycle' note	05MAR03 CK	REV	DESCRIPTION	DATE
F	Added TDC-5013 to where used	18Jul02 kly		Roman Manufacturing	
E	Updated water flow 7.5 LPM was 8 LPM	25SEP00 acg	SCALE: NONE	APPROVED BY:	DRAWN BY: KLY
			DATE: 28APR97		REVISED:
D	Moved Transformer Rating Curve. (100 KVA was 90)	04/01/00		RATING CURVE	
C	Added LPM water flow to notes removed Hz rating	07OCT99 acg			DRAWING NUMBER: 1110064