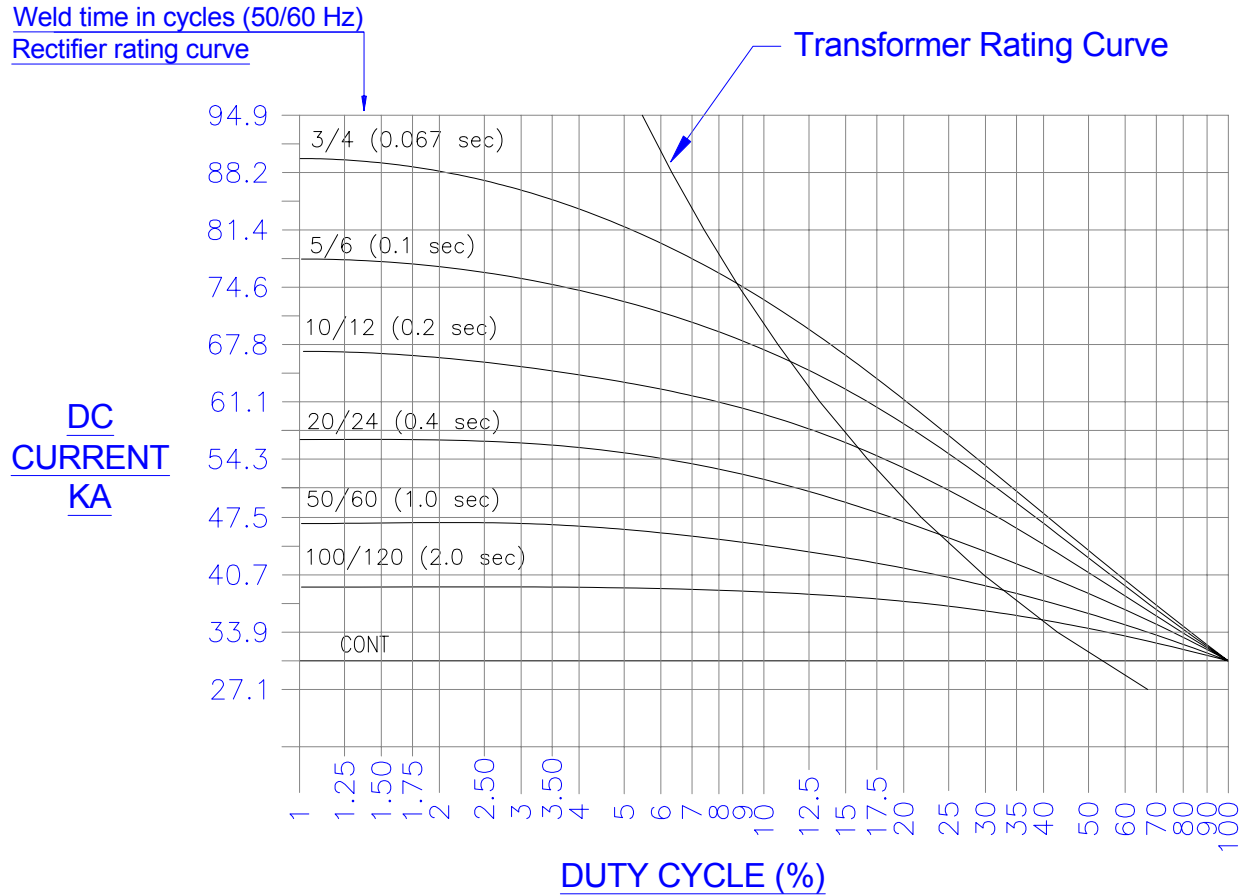


Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
8 Diode(s) per rectifier leg
16 Diodes total



Notes:

These curves are based on rated water flow of 8 G.P.M (30 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.

1110084

C	Added "Duty cycle" note	05MAR03 OK
B	Updated water flow 30 LPM was 32 LPM	22SEP00 acg
A	Added LPM water flow to notes removed Hz rating	07OCT99 acg
REV	DESCRIPTION	DATE
SCALE: NONE	APPROVED BY:	DRAWN BY: KLY
DATE: 21OCT98		REVISED:
RATING CURVE		
D	Added TDC-5006 To Where Used Table	19Jan06 KLY
		DRAWING NUMBER: 1110084