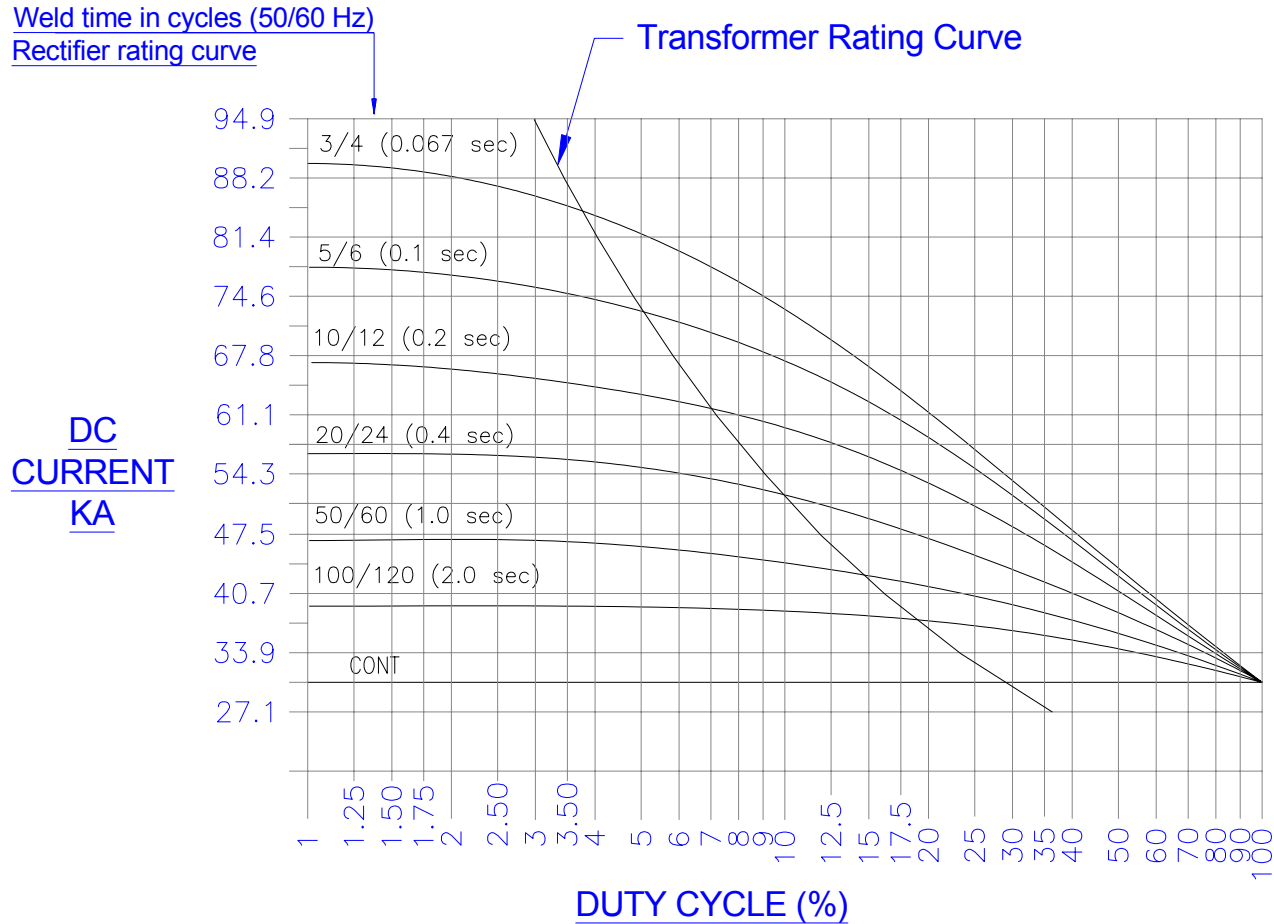


**Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
8 Diode(s) per rectifier leg
16 Diodes total**



Where used
TDC-1089
TDC-1098
TDC-1112
TDC-1113
TDC-1114
TDC-5259

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.

C	17Jun01	Added TDC-112-1114 to where used	kendall
B	09.22.2000	Updated water flow 30 LPM was 32 LPM	andrew
A	04.18.2000	Added Model TDC-1098	andrew
#	DATE	REVISION	NAME
REV	DESCRIPTION		DATE
Roman Manufacturing			
SCALE: NONE		APPROVED BY:	DRAWN BY: ACG
DATE: 13DEC99			REVISED:
RATING CURVE			
			DRAWING NUMBER: 1110098

E	03Jun03	Added "TDC-5259"	rb
D	05Mar03	Added "Duty Cycle" note	CK

1110098