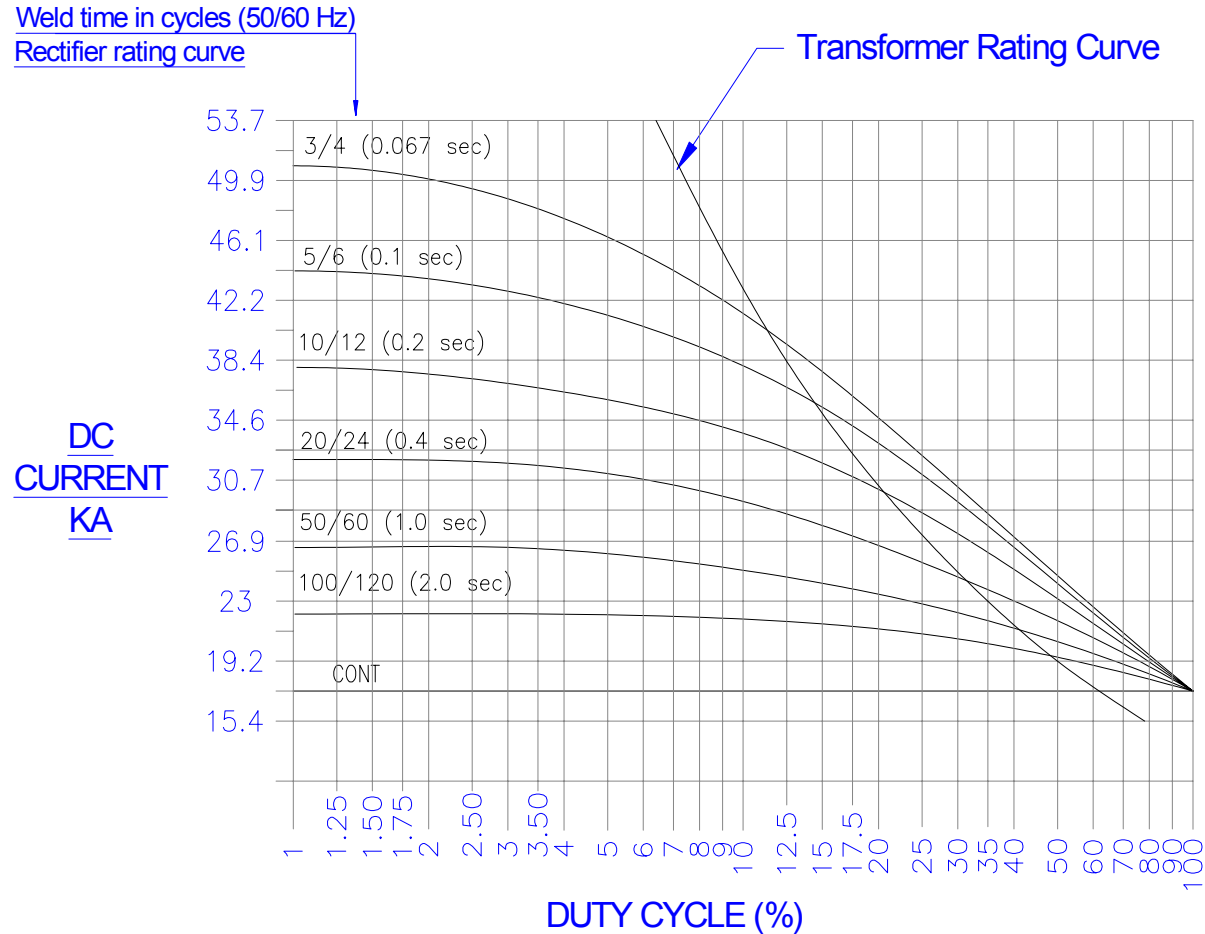


Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
4 Diode(s) per rectifier leg
8 Diodes total



Notes:

These curves are based on rated water flow of 4 G.P.M (15 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.

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B	Revised 1200 Hz was 50/60	19Jan06	KLY	REV	DESCRIPTION	DATE
A	Added seconds to curve	05MAR03	CK	REV	DESCRIPTION	DATE
G	Added TDC-5005 & TDC-5169 To Where Used Table	06DEC02	Kly	REV	DESCRIPTION	DATE
F	Added 'Duty cycle' note	07OCT99	acg	REV	DESCRIPTION	DATE
E	Added Model TDC-5039	07OCT99	acg	REV	DESCRIPTION	DATE
D	Updated water flow 15 LPM was 16 LPM	07OCT99	acg	REV	DESCRIPTION	DATE
C	Added LPM water flow to notes removed Hz rating	07OCT99	acg	REV	DESCRIPTION	DATE