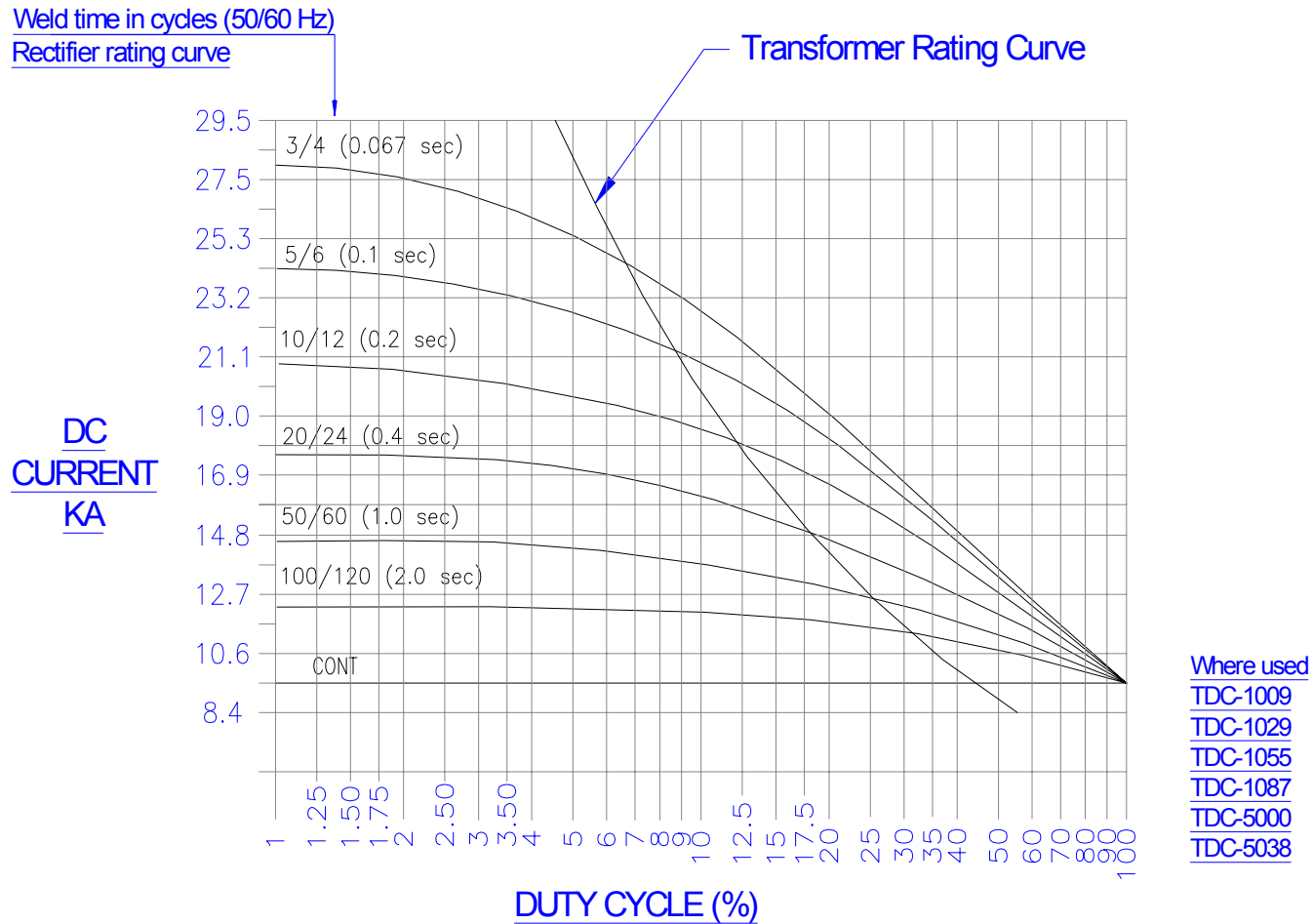


Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
2 Diode(s) per rectifier leg
4 Diodes total



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.

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B	Revised 1000Hz was 50/60	19Jan06 KLY	REV	DESCRIPTION	DATE
A	Added seconds to curve	05MAR03 CK	REV	DESCRIPTION	DATE
G	Added TDC-5000 to Table	27JUNE02 sfr	REV	DESCRIPTION	DATE
F	Added 'Duty cycle' note	07OCT99 acg	REV	DESCRIPTION	DATE
E	ADDED TDC-5038 TO TABLE	07OCT99 acg	REV	DESCRIPTION	DATE
D	Updated water flow 7.5 LPM was 8 LPM	07OCT99 acg	REV	DESCRIPTION	DATE
C	Added LPM water flow to notes removed Hz rating	07OCT99 acg	REV	DESCRIPTION	DATE

SCALE: NONE	APPROVED BY:	DRAWN BY: KLY
DATE: 17MAY97		REVISED:
RATING CURVE		
DRAWING NUMBER:		1110065