

# PRODUCT INFORMATION PACKET



Model No: C4T28FB1B

Catalog No: 102690.00

1/2HP..37kW.2850RPM.48.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.15SF.RIGID.50  
HERTZ.C4T28FB1B.A  
50 Hz



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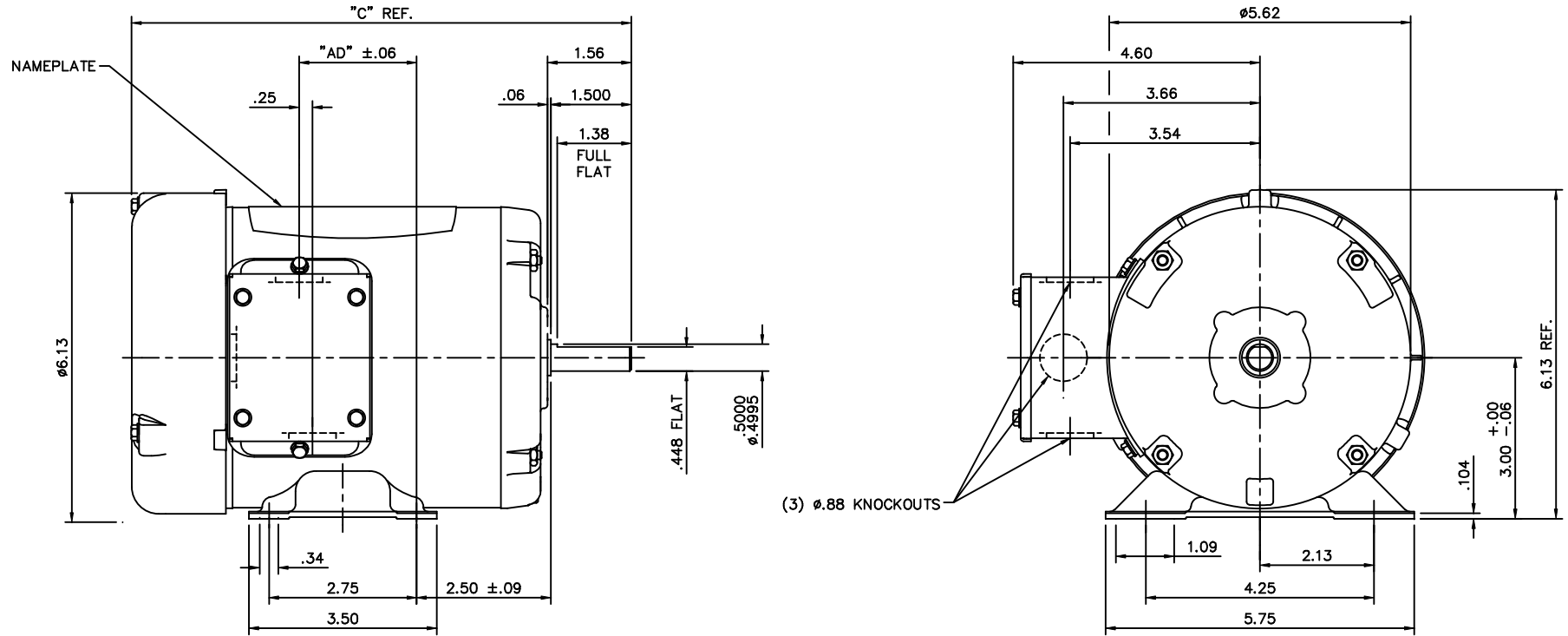
### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>50 Hz</b>	Voltage	<b>220/380/440 V</b>
Current	<b>1.8/1.0/0.90 A</b>	Speed	<b>2850 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>77.3 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>M</b>	Frame	<b>48</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>54</b>		

### Technical Specifications


Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 48</b>
Overall Length	<b>9.31 in</b>	Frame Length	<b>5.00 in</b>
Shaft Diameter	<b>0.500 in</b>	Shaft Extension	<b>1.5 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031809-500</b>	Connection Diagram	<b>005381.01</b>

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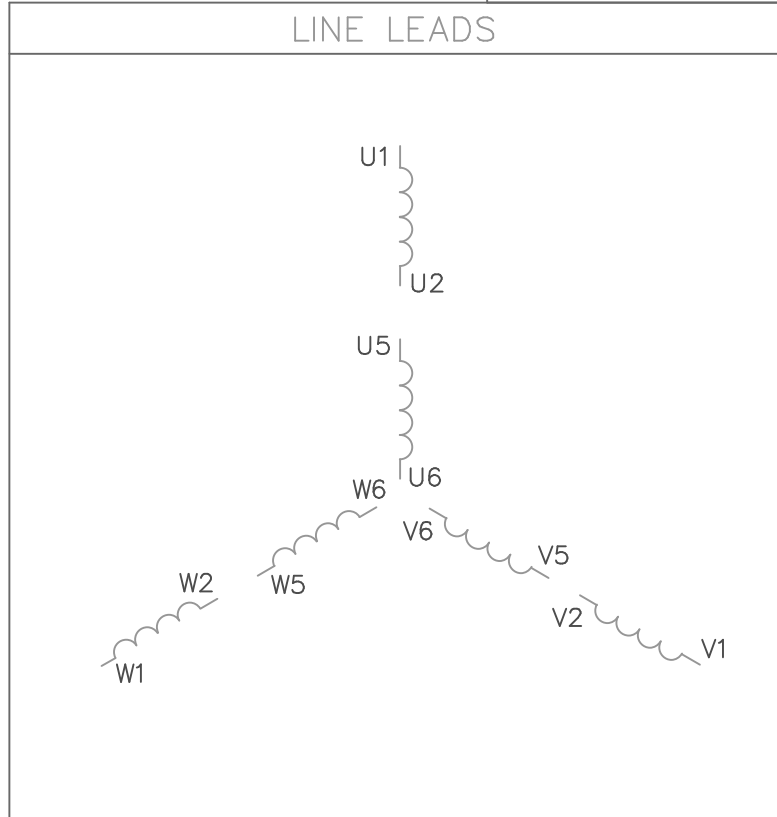
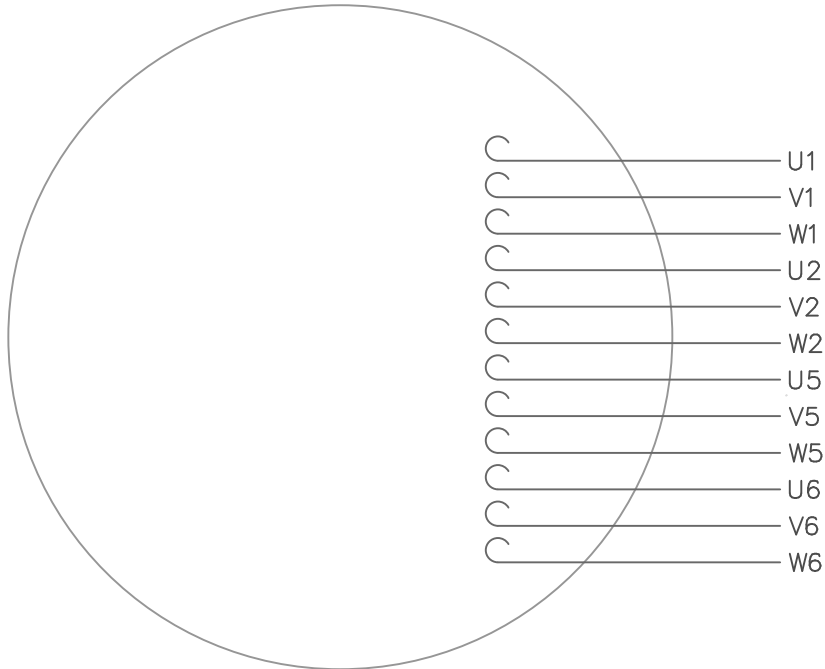


DASH NO.	"C"	"AD"
450	8.81	1.69
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94

GASKETS THROUGHOUT

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	PG 02/21/05
				DEC.	INCHES				CHK			
				.X	±.1				APPD		PG 02/21/05	
				.XX	±.03		TITLE		SCALE		1=2	
				.XXX	±.005		OUTLINE - 48 FRAME RIGID MOUNT - TEFC		REF	030308		
				.XXXX	±.0005		MAT'L		3 PHASE	FMF	100905.00	
				THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT		RFP	CAD FILE	031809	SIZE	DRAWING NO.	REV.	
						DIST		B	031809			

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN
(2Δ) LOW	U1,W2 U5,W6	V1,U2 V5,U6	W1,V2 W5,V6	-----
(2Y) MEDIUM	U1,U5	V1,V5	W1,W5	(U2,V2,W2) (U6,V6,W6)
(1Δ) HIGH	U1,W6	V1,U6	W1,V6	(U2,U5) (V2,V5) (W2,W5)

				TOLERANCES UNLESS OTHERWISE SPECIFIED	
				DECIMALS	
				.00	± .01
				.000	± .005
1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97	.0000	± .0005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

EXT. WIRING DIAGRAM  
TYPE "T" W/O PROTECTOR

DRAWN GWS 2/23/96  
CH'K'D.  
APPR.  
SCALE 1=1  
REF. 005352 PG 3  
FMF

TITLE  
MAT'L. DECAL - 080590  
FINISH STOCK  
SIZE A  
DRAWING NO. 005381-01

