

PRODUCT INFORMATION PACKET



Model No: C4T28FB2B

Catalog No: 102686.00

1/3HP..25kW.2850RPM.48.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.15SF.RIGID.50
HERTZ.C4T28FB2B.A
50 Hz



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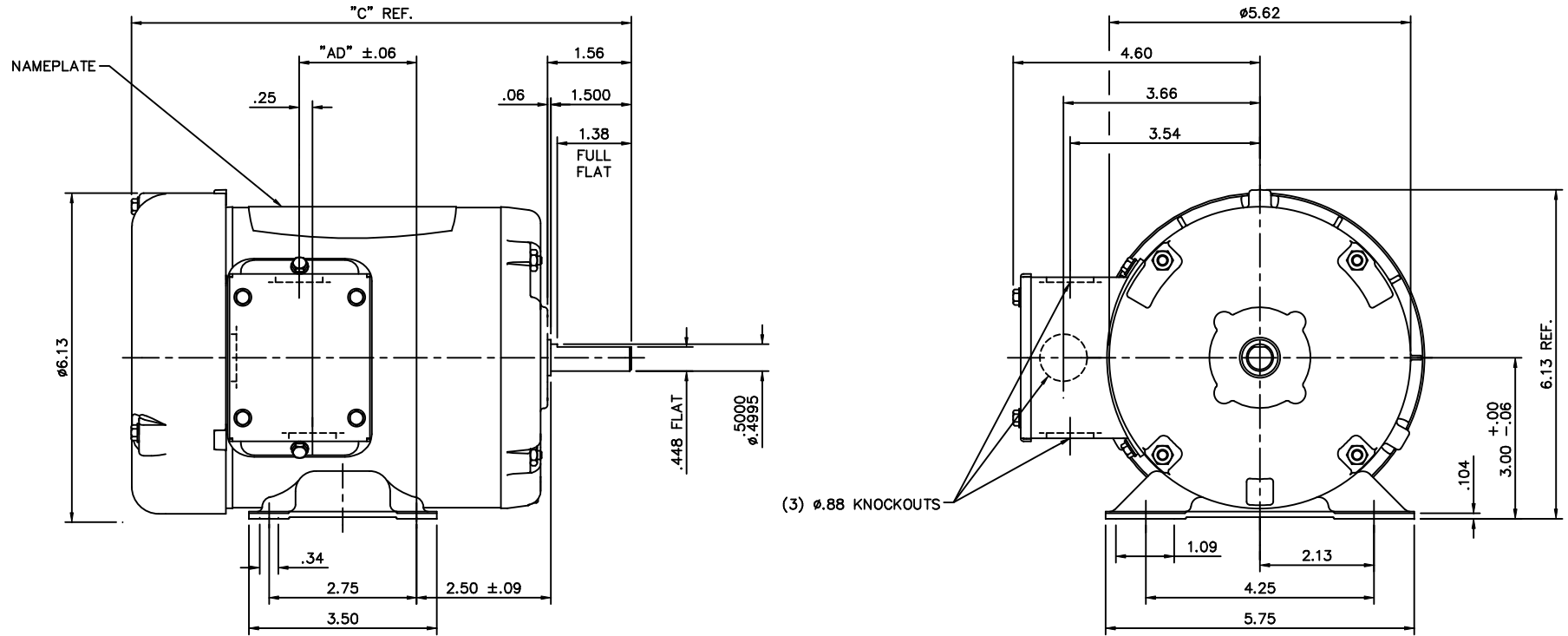
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	1.4/0.80/0.70 A	Speed	2850 rpm
Service Factor	1.15	Phase	3
Efficiency	60 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	M	Frame	48
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	54		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	8.81 in	Frame Length	4.50 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031809-450	Connection Diagram	005381.01

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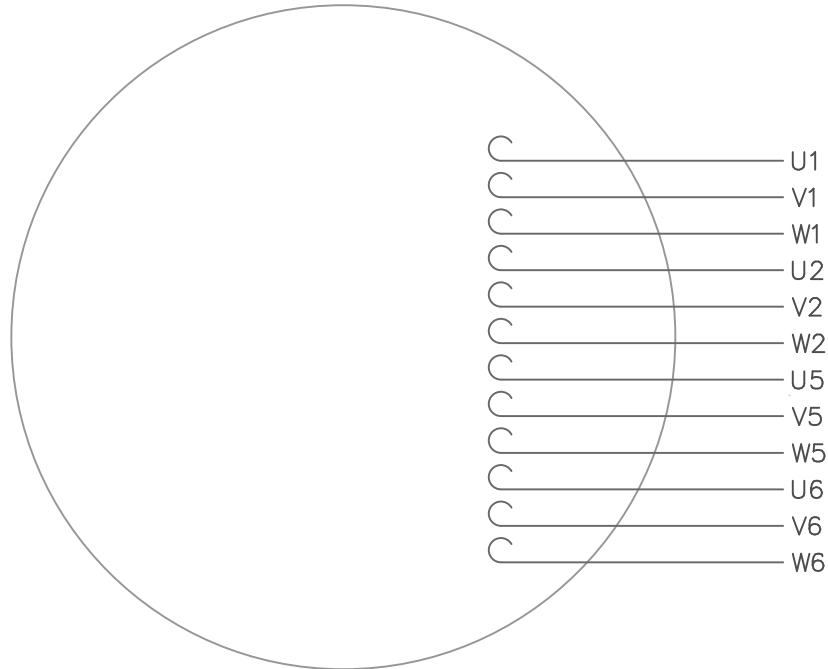


DASH NO.	"C"	"AD"
450	8.81	1.69
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94

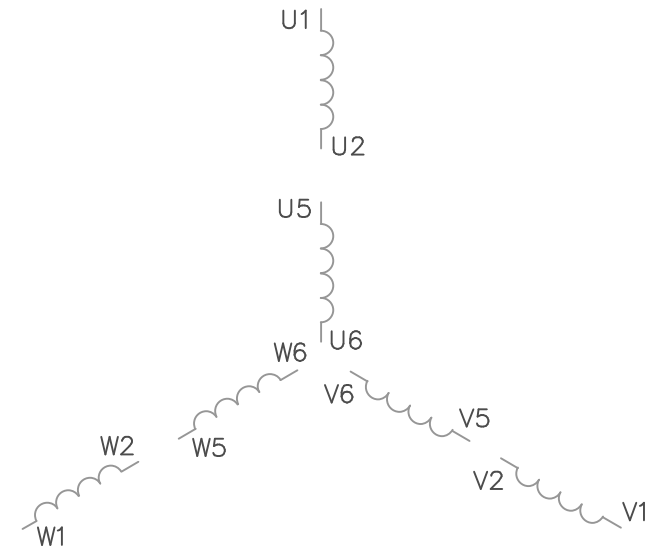
GASKETS THROUGHOUT

			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		SCALE 1=2
			.XXX	±.005	TITLE OUTLINE - 48 FRAME RIGID MOUNT - TEFC	REF 030308
			.XXXX	±.0005	MAT'L 3 PHASE	FMF 100905.00
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PREV
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 B
			DIST			DRAWING NO. 031809
					REV.	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN GWS 2/23/96 TITLE EXT. WIRING DIAGRAM
CH'K'D. TYPE "T" W/O PROTECTOR

APPR. MAT'L. DECAL - 080590

SCALE 1=1 REF. 005352 PG 3 FINISH STOCK SIZE A DRAWING NO. 005381-01

1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97
NO.	REVISION	BY	DATE

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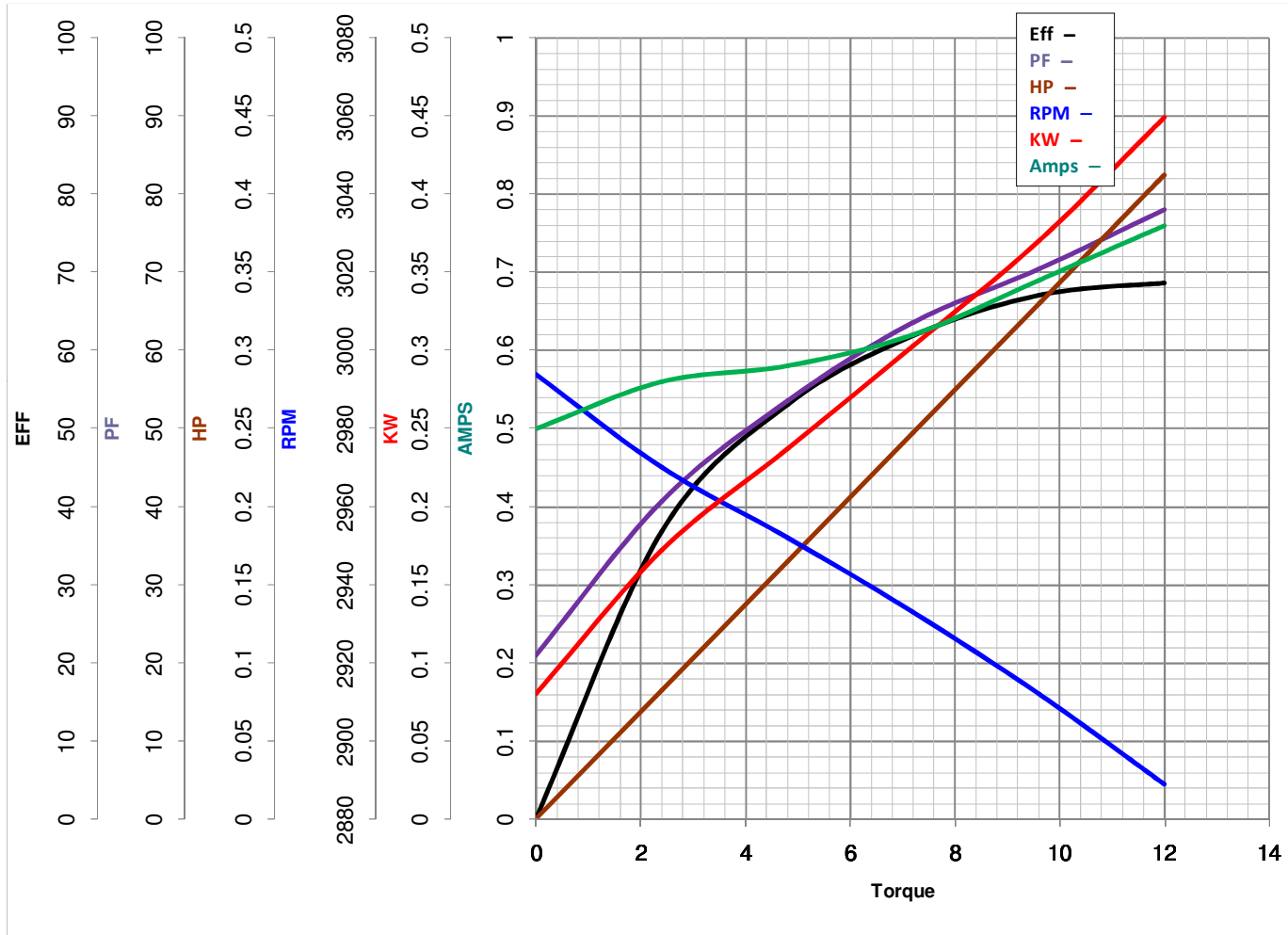


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102686.00

Catalog No 102686.00

Curve at 440 Volts HP 0.33 PHASE 3
50 HZ
0.33 HP VOLTS 220/380/440
 HZ 50 RPM 2850



Torque in Oz.Ft

FL TORQUE 9.6 Oz.Ft
 BD TORQUE 38.0 Oz.Ft
 LR TORQUE 28 Oz.Ft

FL AMPS 1.4/8/7
 PU TORQUE 27.0 Oz.Ft
 LR AMPS 4.5

WINDING T55255-4

Date 5/28/2018