

PRODUCT INFORMATION PACKET



Model No: C4T34FB2D

Catalog No: 100905.00

1/2HP..3450RPM.48.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.GENERAL
PURPOSE.C4T34FB2D

Totally Enclosed Fan Cooled (TEFC)



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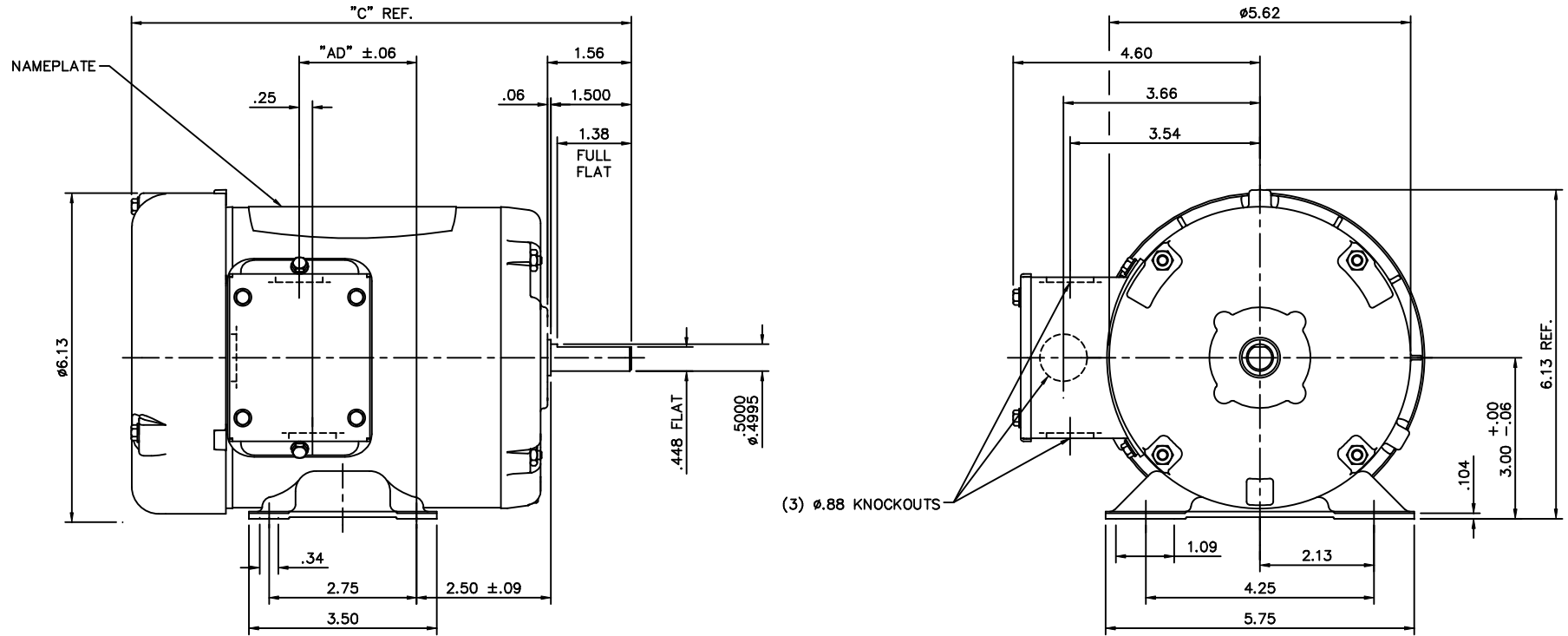


Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.8/0.90 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	75 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	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	N
IP Code	43		

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	9.56 in	Frame Length	5.25 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031809-525	Connection Diagram	005010.01



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	CAD FILE		SIZE	DRAWING NO.	REV.
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				DIST								

TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN
DEC.	INCHES		PG 02/21/05
.X	±.1		CHK
.XX	±.03		APPD
.XXX	±.005		PG 02/21/05
.XXXX	±.0005	TITLE	SCALE
		OUTLINE - 48 FRAME	1=2
		RIGID MOUNT - TEFC	REF
		3 PHASE	030308
		MAT'L	FMF
			100905.00
			PREV

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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				DIST	BRF-NLV				A	005010-01		A

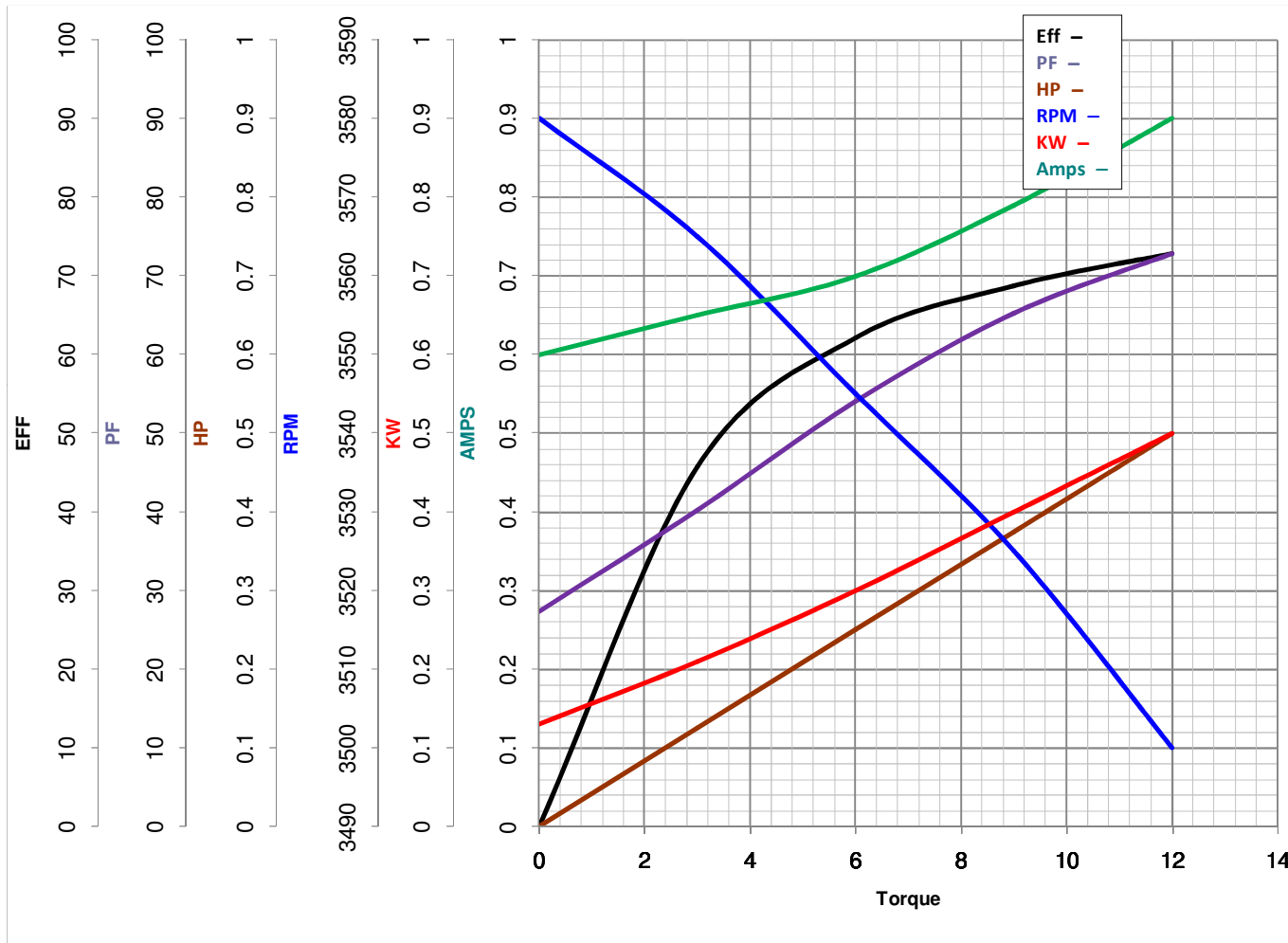


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100905.00

Catalog No 100905.00

Curve at 460 Volts HP 0.50 PHASE 3
60 HZ
0.5 HP VOLTS 208-230/460
HZ 60 RPM 3450



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
BD TORQUE 49.0 Oz.Ft
LR TORQUE 34.5 Oz.Ft

FL AMPS 1.8/0.9
PU TORQUE 32.0 Oz.Ft
LR AMPS 6

WINDING T55221-3

Date 5/29/2018