

PRODUCT INFORMATION PACKET



Model No: C4T17FC31B

Catalog No: 102662.00

1/6HP..1725RPM.48.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.0SF.ROUND.GENERAL
PURPOSE.C4T17FC31B.A

Totally Enclosed Fan Cooled (TEFC)



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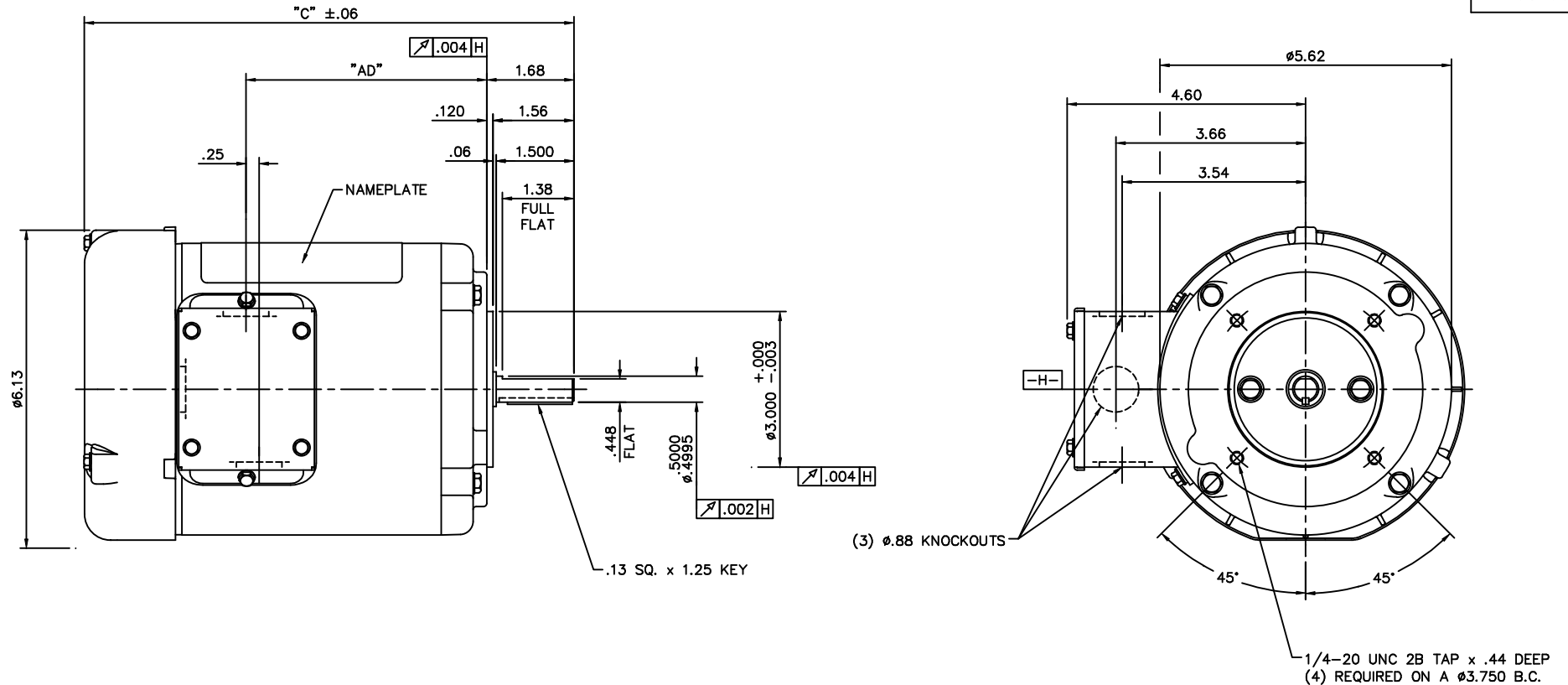
Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	0.68-0.70/0.35 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	71 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	P	Frame	48C
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	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	9.44 in	Frame Length	5.00 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031699-500	Connection Diagram	005010.01

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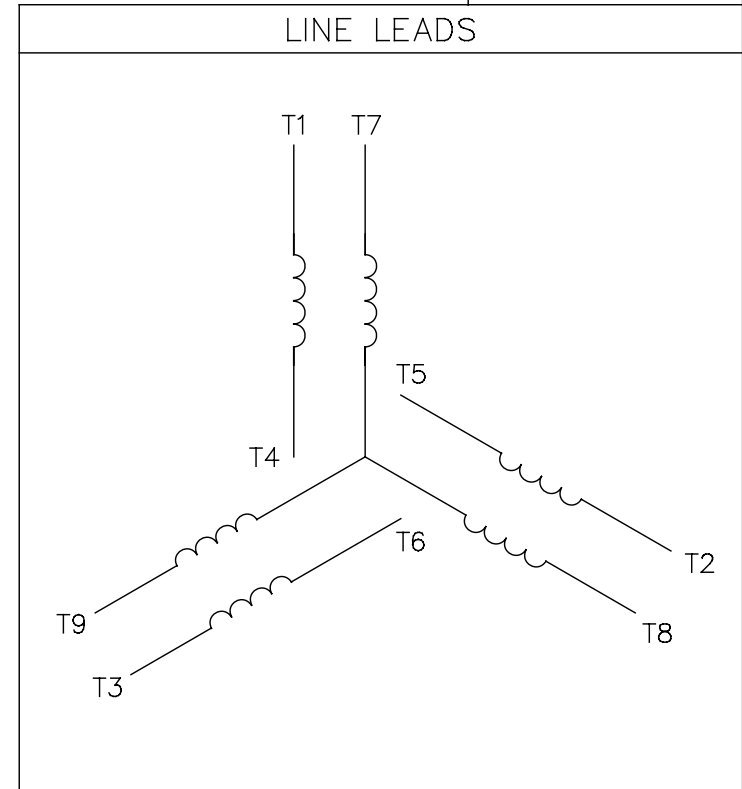
DASH NO.	"C"	"AD"
450	8.94	4.14
475	9.19	4.39
500	9.44	4.64
525	9.69	4.89
550	9.94	5.14
575	10.19	5.39
600	10.44	5.64
625	10.69	5.89
650	10.94	6.14
675	11.19	6.39

GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 7/12/02
		DEC.	INCHES			CHK
		.X	±.1			APPD
		.XX	±.03			SCALE 1=2
		.XXX	±.005	TITLE	OUTLINE - 48C FRAME "C" FACE MOUNT - TEFC	REF 031634
		.XXXX	±.0005	MAT'L	3 PHASE	FMF 101981.00
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 031699	SIZE B
				DIST	DRAWING NO. 031699	REV.

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

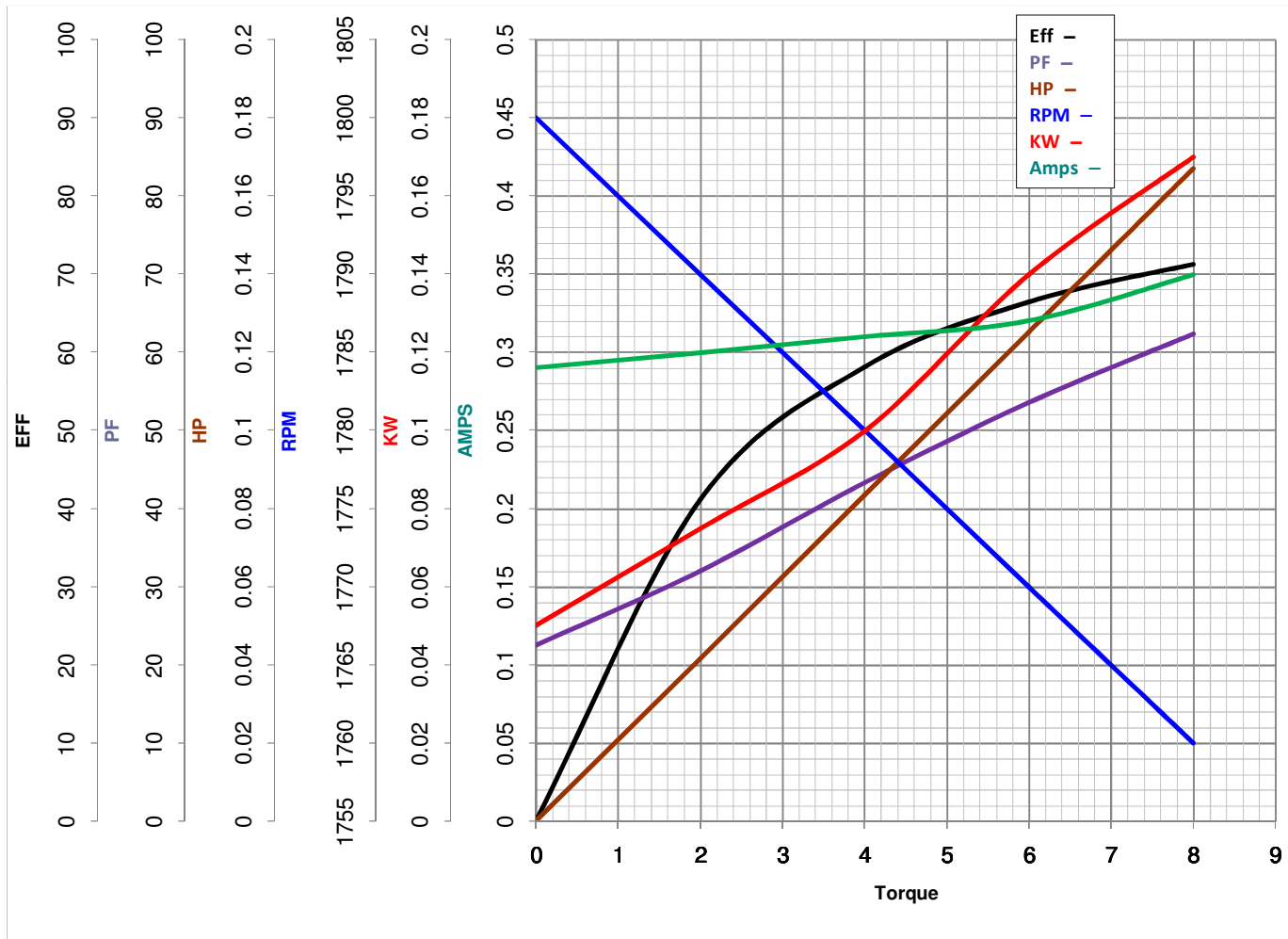


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102662.00

Catalog No 102662.00

Curve at 460 Volts HP 0.17 PHASE 3
60 HZ
0.167 HP VOLTS 208-230/460
HZ 60 RPM 1725



Torque in Oz.Ft

FL TORQUE 68 Oz.Ft
 BD TORQUE 45.3 Oz.Ft
 LR TORQUE 38.4 Oz.Ft

FL AMPS 68-71.35
 PU TORQUE 36.4 Oz.Ft
 LR AMPS 2.75

WINDING TE48475-3

Date 6/4/2018