

PRODUCT INFORMATION PACKET



Model No: C4T17FC40A

Catalog No: 102860.00

..1/2HP..1725RPM.S56C.TEFC.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.ROUND.C4T17FC40A.....S56C
PLATFORM MODEL.NOT.....

Totally Enclosed Fan Cooled (TEFC)



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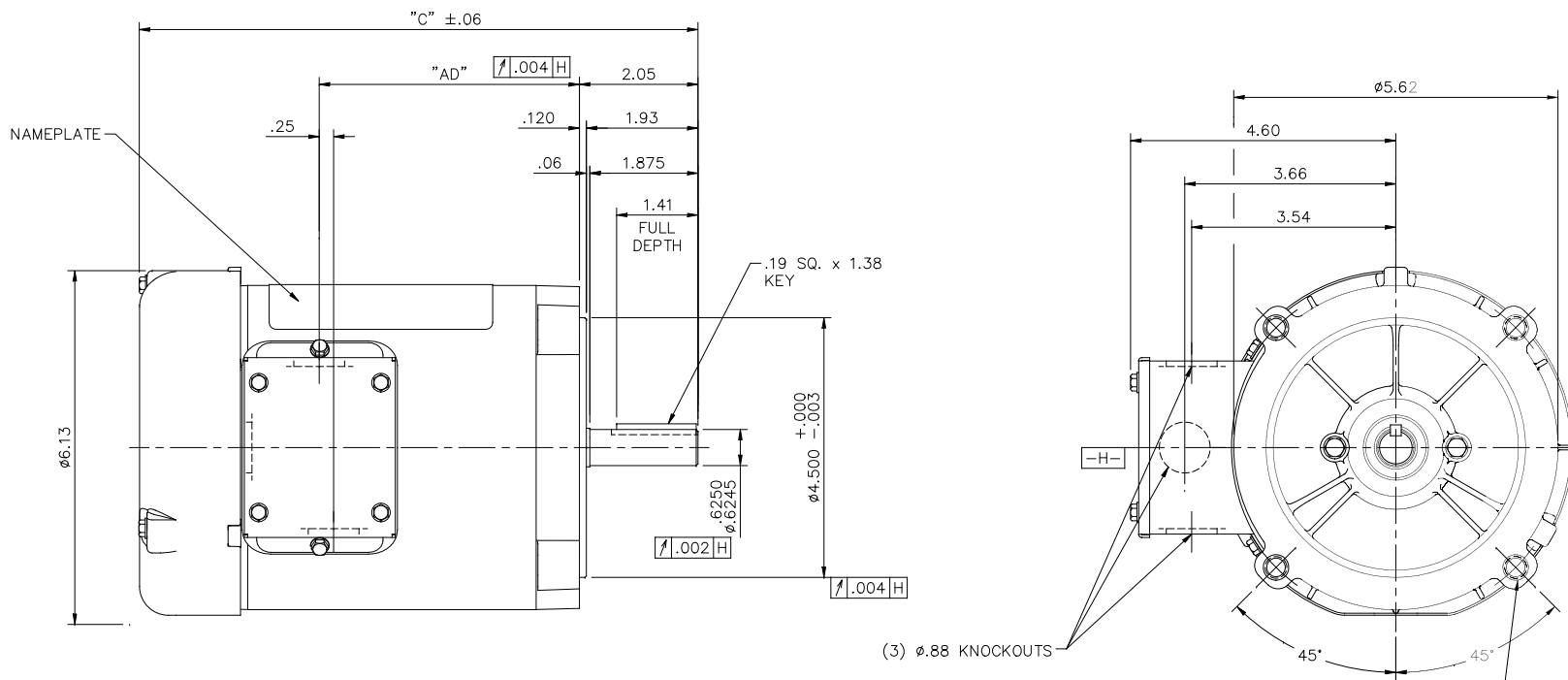
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.9-2.0/1.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	73 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	L	Frame	S56C
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	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	10.19 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031637-550	Connection Diagram	005010.01

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DASH NO.	"C"	"AD"
475	9.44	4.25
500	9.69	4.50
525	9.94	4.75
550	10.19	5.00
575	10.44	5.25
600	10.69	5.50
625	10.94	5.75
650	11.19	6.00
675	11.44	6.25
700	11.69	6.50
725	11.94	6.75
750	12.19	7.00

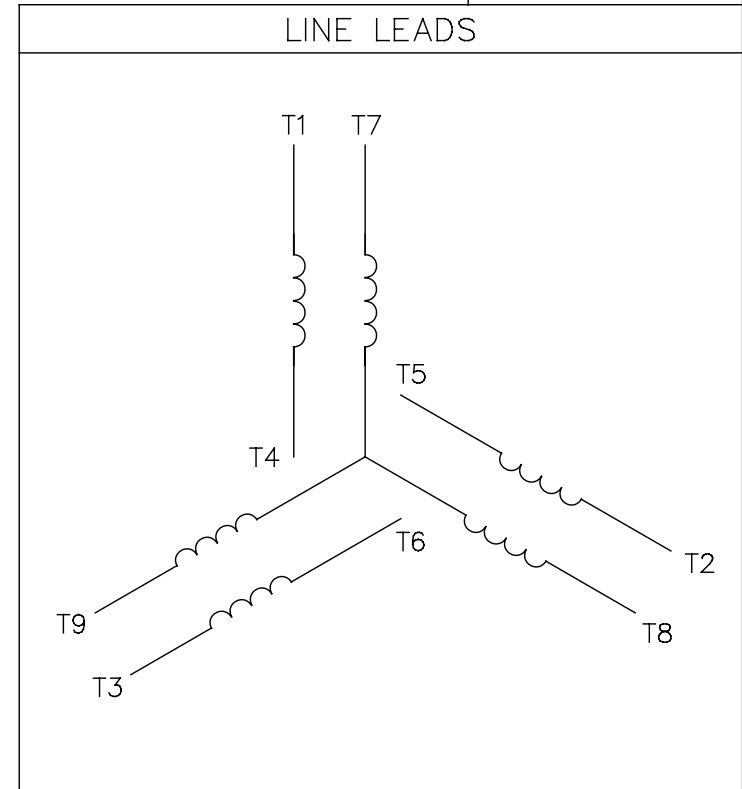
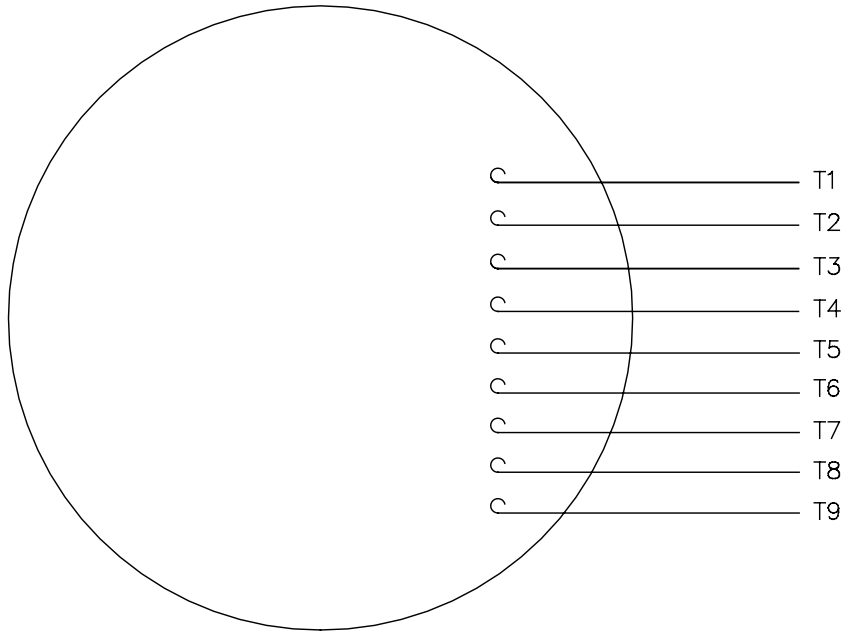
3/8-16 UNC 2B TAP x .56 DEEP
(4) REQ'D. ON A Ø5.875 B.C.

GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN PG 7/12/01	
				DEC.	INCHES			CHK	
				.X	±.1			APPD PG 7/12/01	
02	ADDED DASH NO. 475 TO TABLE (102184.00)	PG	9/19/02	.XX	±.03	TITLE		SCALE 1=2	
01	REVISED CALLOUT FOR GD&T	KMM	6/6/02	.XXX	±.005	OUTLINE - S56C FRAME "C" FACE MOUNT - TEFC		REF	
NO.	REVISION	BY & DATE	CHK	.XXXX	±.0005	MAT'L		FNF	
				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	031637	SIZE	DRAWING NO.
				DIST				B	031637
									REV.
									02

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		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF			
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	04/12/02	CAD FILE		00501001	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	005010-01	A	



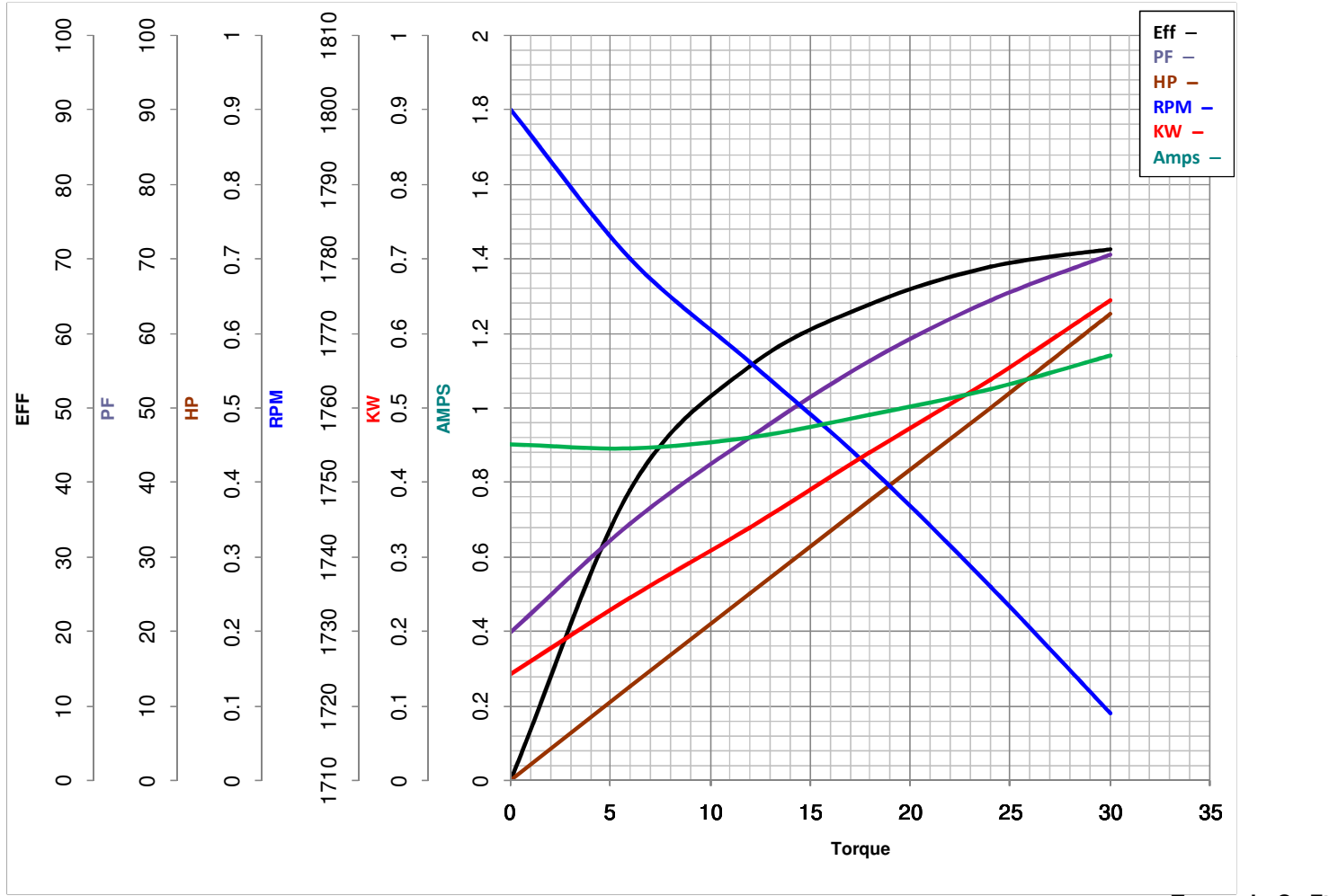
LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102860.00

Catalog No 102860.00

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

HZ 60 RPM 1725



FL TORQUE	<u>24</u> Oz.Ft	FL AMPS	<u>1.9-2/1</u>
BD TORQUE	<u>100.0</u> Oz.Ft	PU TORQUE	<u>91.3</u> Oz.Ft
LR TORQUE	<u>95.9</u> Oz.Ft	LR AMPS	<u>5.95</u>
WINDING	TE48415-3	Date	5/22/2018