

PRODUCT INFORMATION PACKET



Model No: C4C17FC32B

Catalog No: 102862.00

..1/2HP..1725RPM.S56C.TEFC.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.ROUND.C4C17FC32B.....S56C
PLATFORM MODEL.NOT.....

Totally Enclosed Fan Cooled (TEFC)



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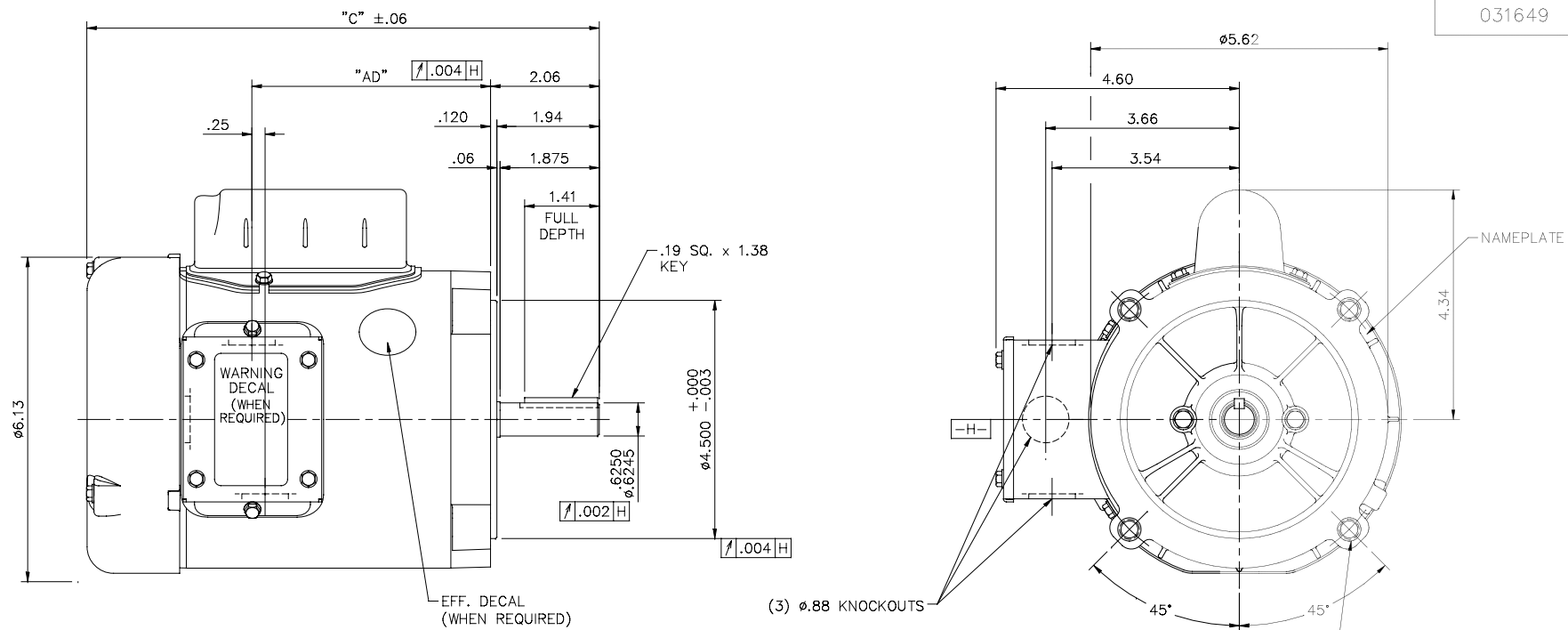
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	8.0/3.8-4.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	66 %	Duty	Continuous
Insulation Class	B	Design Code	O
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	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	10.69 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031649-600	Connection Diagram	005005.44

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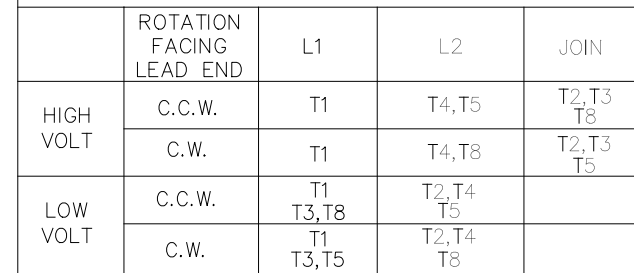


DASH NO.	"C"	"AD"
475	9.44	4.25
500	9.69	4.50
525	9.94	4.75
550	10.19	5.00
575	10.44	5.25
600	10.69	5.50
625	10.94	5.75
650	11.19	6.00
675	11.44	6.25
700	11.69	6.50
725	11.94	6.75
750	12.19	7.00

GASKETS THROUGHOUT

ORACLE REV	004
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				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 9/24/01		
K	ADDED (WHEN REQ'D) TO WARNING DECAL ECO 0086600	GWS 10/7/15	JX ±.1	DEC INCHES			CHK		
J	ADDED WARNING DECAL	SL 09/30/15	VS .XX ±.03						
H	ADDED DASH NO. 475 (102866.00)	PG 10/28/03	.XXX ±.005				TITLE	OUTLINE - S56C FRAME "C" FACE MOUNT - TEFC	SCALE 1=2
G	REVISED CALLOUT FOR GD&T	KMM 6/6/02	.XXXX ±.0005				MAT'L	1 PHASE	REF 030521
NO.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH					FME 101766
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 DIST	CAD FILE	031649	SIZE B DRAWING NO. 031649	REV	

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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102862.00Catalog No 102862.00

Curve at

230

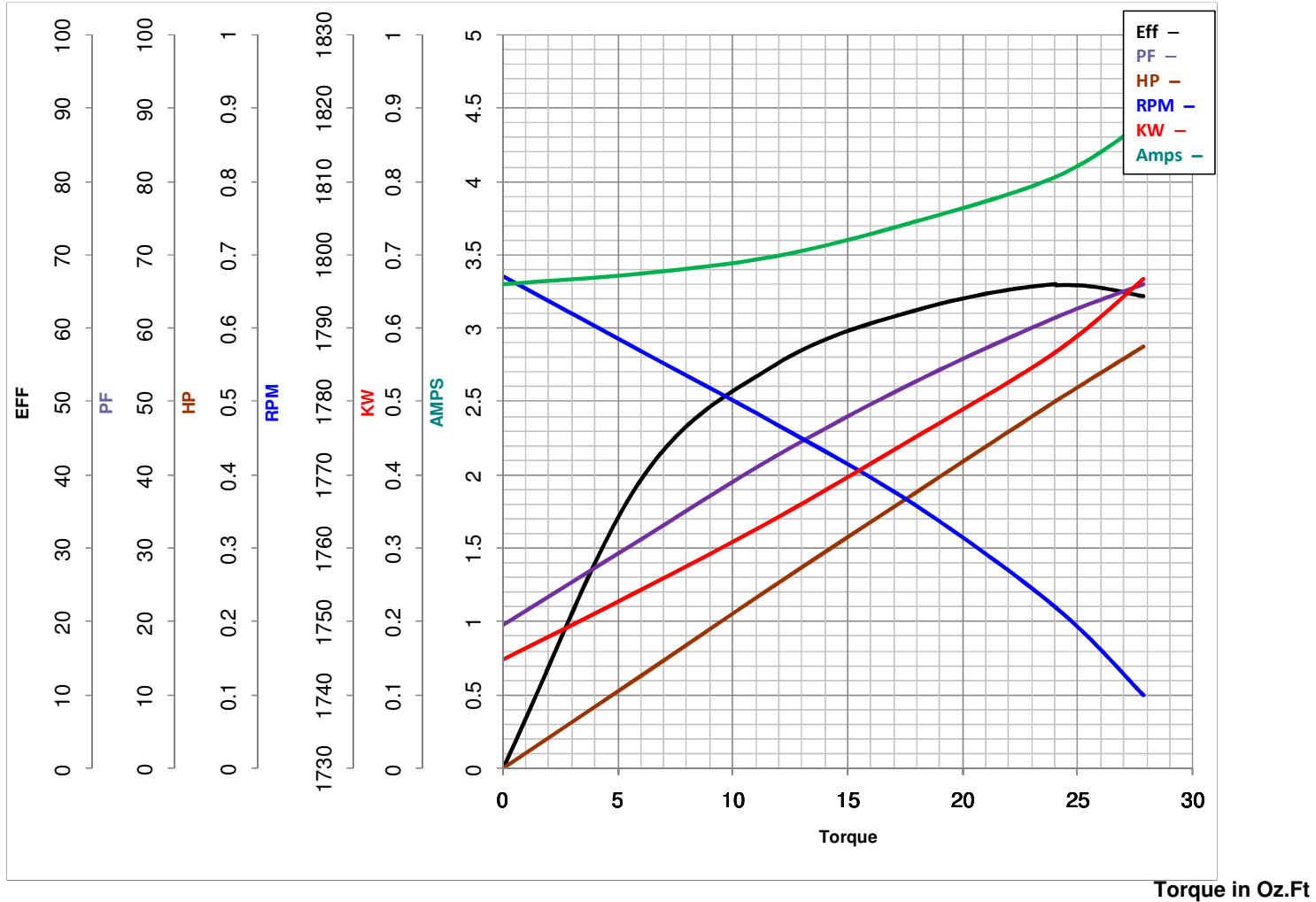
Volts

HP 0.50PHASE 160

HZ

VOLTS 115/208-2300.5

HP

HZ 60RPM 1725FL TORQUE 24.09 Oz.FtBD TORQUE 64.2 Oz.FtLR TORQUE 84.1 Oz.Ft

WINDING CE484212-3

FL AMPS 8/3.8-4PU TORQUE 54.1 Oz.FtLR AMPS 20.7Date 4/11/2018