

# PRODUCT INFORMATION PACKET



Model No: C4C17NH7B

Catalog No: 102912.00

..1/3HP..1725RPM.S56.TENV.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.C4C17NH7B.....WP 56 to 48 Repl 110010.NOT.....

Totally Enclosed Non-Ventilated (TENV)



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### Nameplate Specifications

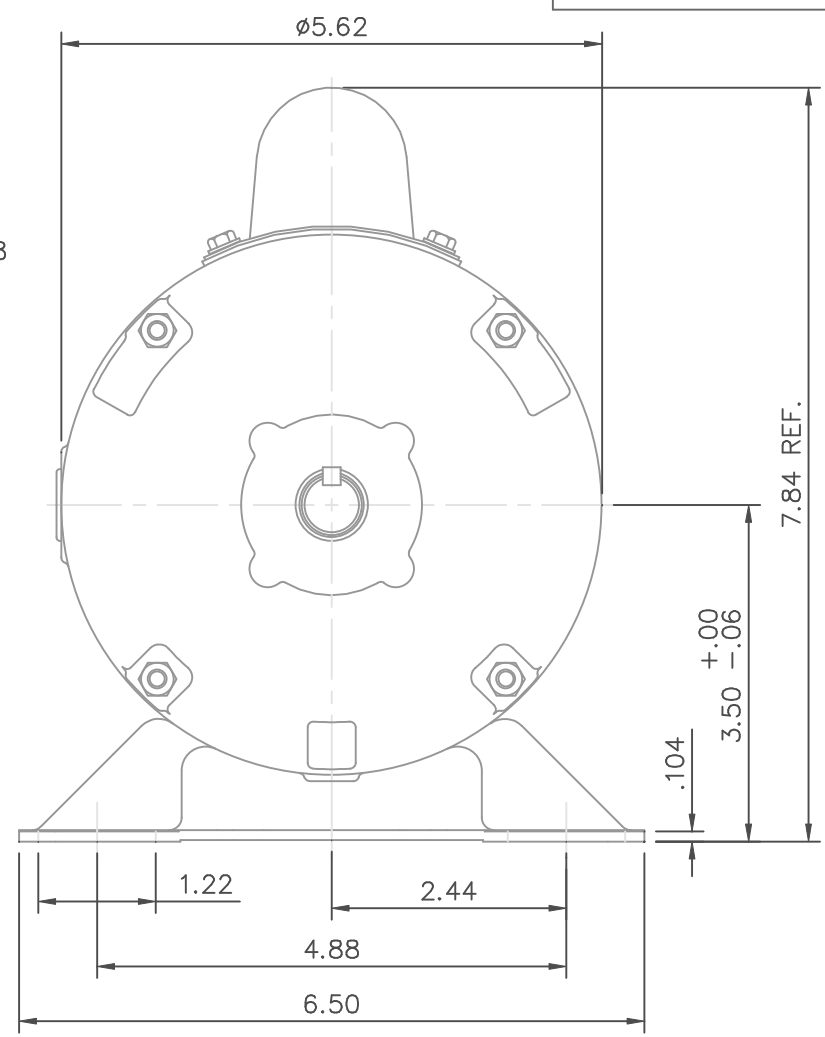
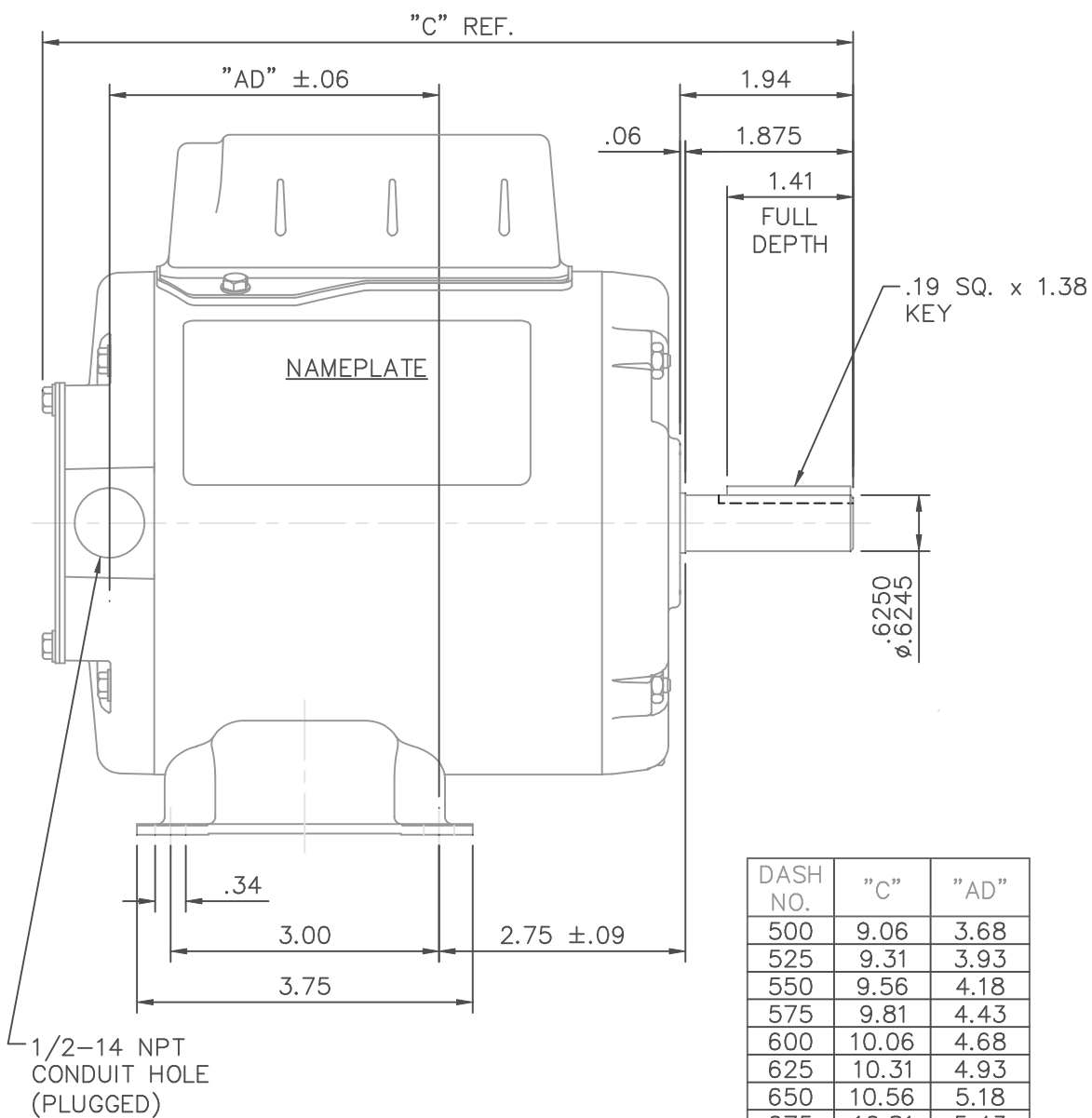
Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>5.2/2.6 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>65 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>N</b>
KVA Code	<b>J</b>	Frame	<b>S56</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>10.31 in</b>	Frame Length	<b>6.25 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031767-625</b>	Connection Diagram	<b>005005.44</b>

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031767



DASH NO.	"C"	"AD"
500	9.06	3.68
525	9.31	3.93
550	9.56	4.18
575	9.81	4.43
600	10.06	4.68
625	10.31	4.93
650	10.56	5.18
675	10.81	5.43

GASKETS THROUGHOUT

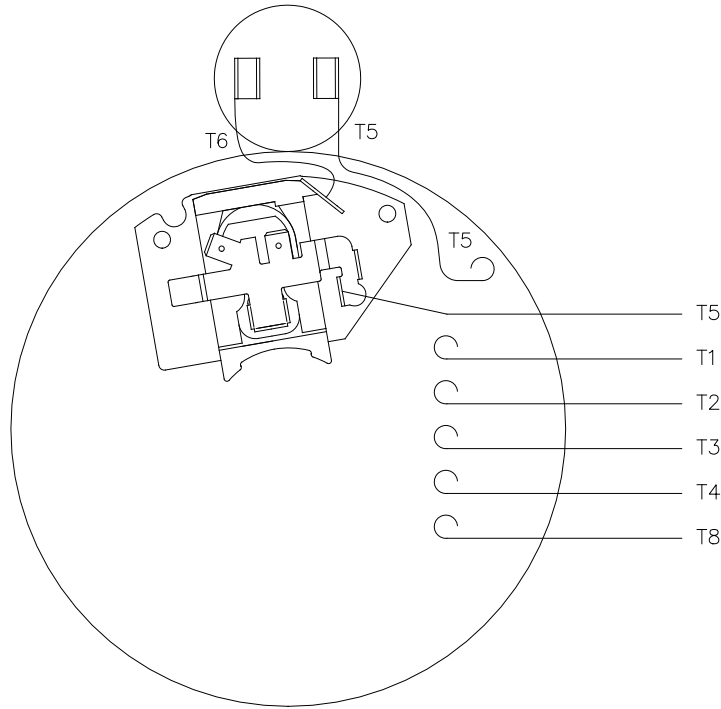
				TOLERANCES UNLESS SPECIFIED		<b>LEESON</b> ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 3/30/04
				DEC.	INCHES		CHK
				.X	±.1		APPD
				.XX	±.03		TITLE
				.XXX	±.005		OUTLINE - S56 FRAME RIGID MOUNT - TENV
				.XXXX	±.0005	MAT'L.	SCALE 1=2
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	REF 031619
				RFP		CAD FILE	FMF 102914.00
				DIST		031767	PREV
						SIZE	DRAWING NO.
						A	031767
							REV.

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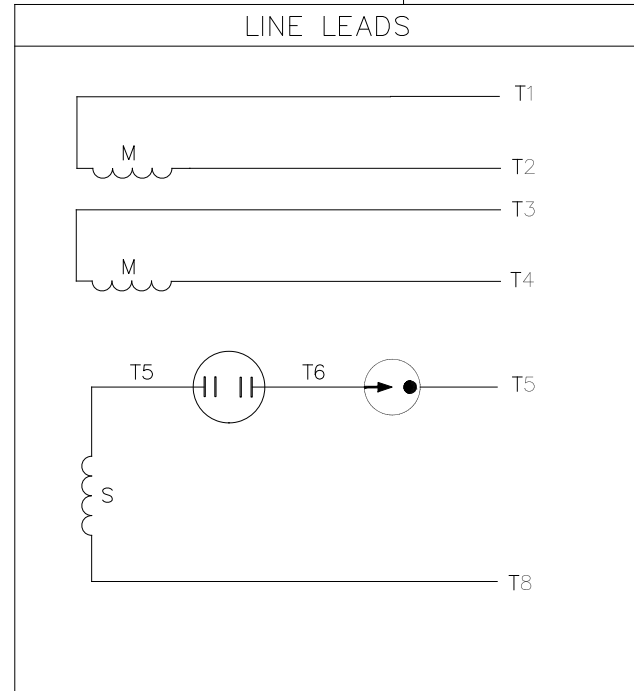
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Dealers Industrial Equipment -- Visit <https://DealersElectric.com> or call (908) 688-1966 for all of your electric motor & VFD needs!

005005-44



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4, T5	T2, T3 T8
	C.W.	T1	T4, T8	T2, T3 T5
LOW VOLT	C.C.W.	T1 T3, T8	T2, T4 T5	
	C.W.	T1 T3, T5	T2, T4 T8	

				TOLERANCES UNLESS OTHERWISE SPECIFIED			DRAWN PG 5/7/01		TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR			
				DEC.	INCHES	METRIC	APPR.		MAT'L. DUAL VOLTAGE - DUAL ROTATION			
01	MOVED T5 TO "INSIDE" SWITCH TERMINAL	PG 8/2/01		.XXX	±.005	±.127	R.F.P.					
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE 5=8					
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				FRACTIONS	±1/64		REF.	005005-01		FINISH	REV. 01	DRAWING NO. 005005-44
				ANGLES	±1/2'		FMF	100006				

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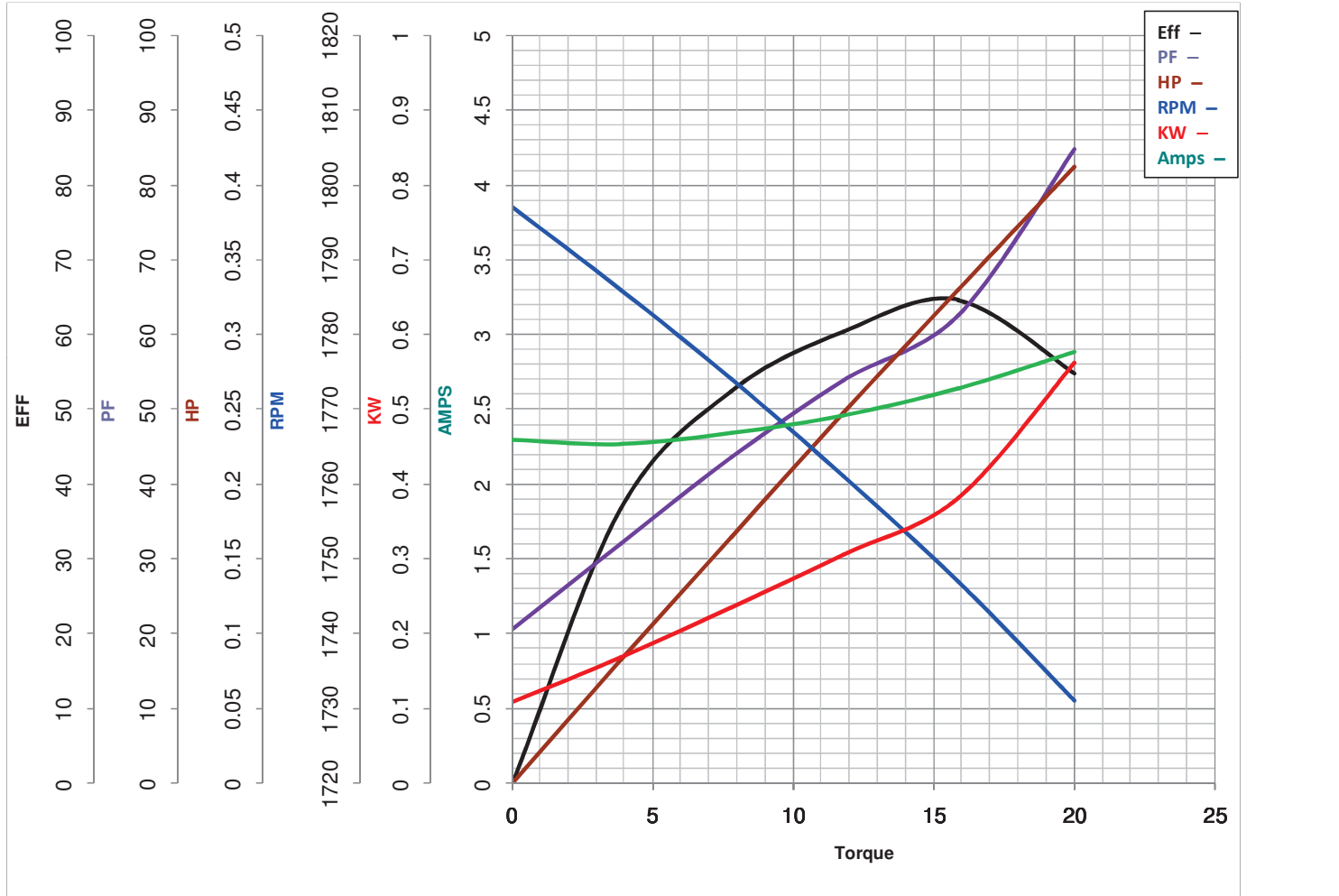


**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102912.00

Catalog No 102912.00

Curve at 230 Volts      HP 0.33      PHASE 1  
60 HZ  
0.33 HP      VOLTS 115/208-230  
    HZ 60      RPM 1725



FL TORQUE	<u>15.87</u> Oz.Ft	FL AMPS	<u>5.2/2.6</u>
BD TORQUE	<u>44.2</u> Oz.Ft	PU TORQUE	<u>51.6</u> Oz.Ft
LR TORQUE	<u>60.7</u> Oz.Ft	LR AMPS	<u>11.4</u>
WINDING	CE484255-3	Date	4/23/2018

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