

# PRODUCT INFORMATION PACKET



Model No: C4C17NH9B

Catalog No: 102914.00

1/4HP..1725RPM.56.TENV.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.WP 56 to 48 Repl  
110008.C4C17NH9B

Totally Enclosed Non-Ventilated (TENV)



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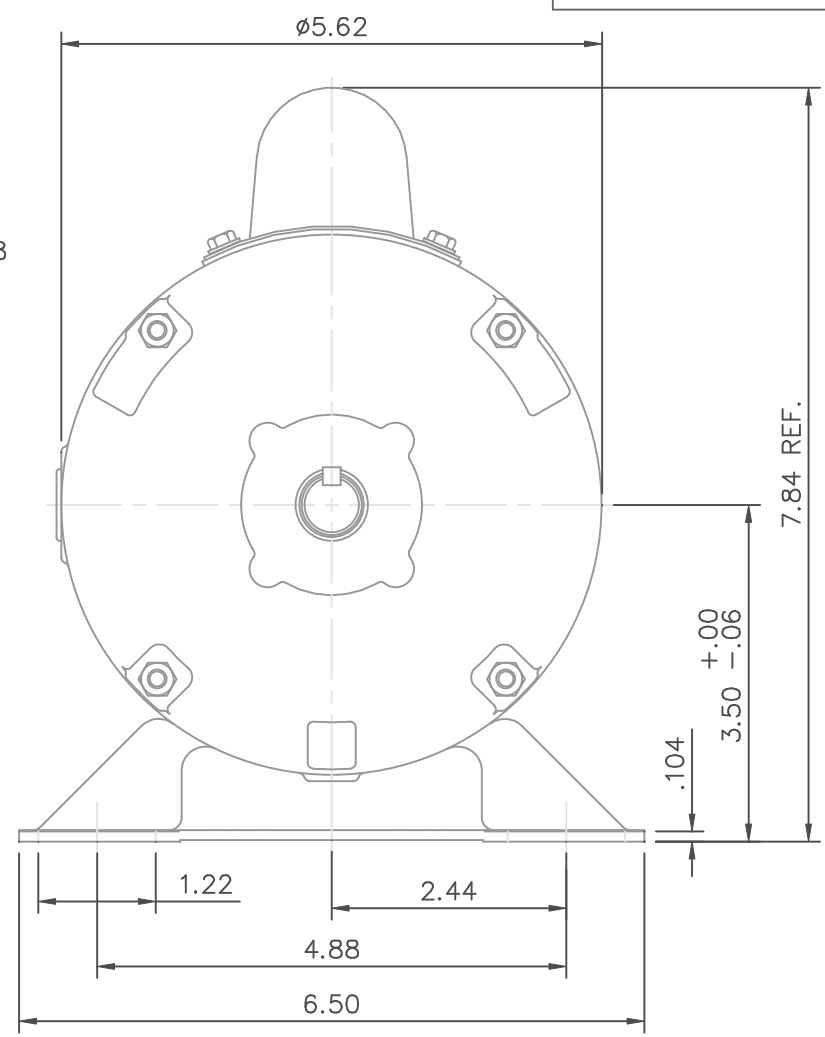
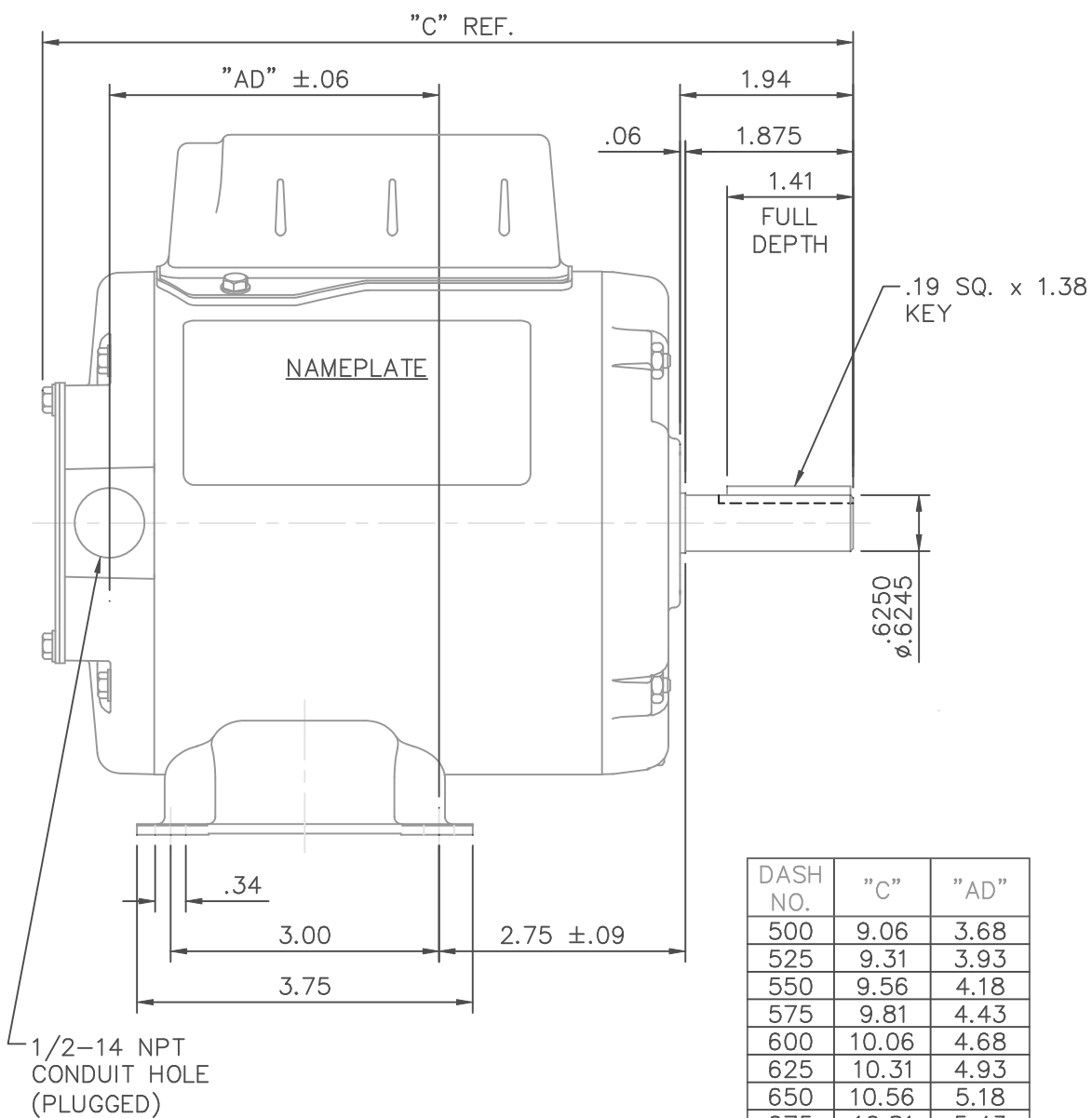
### Nameplate Specifications

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>4.6/2.4-2.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>62 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>N</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>9.81 in</b>	Frame Length	<b>5.75 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>031767-575</b>	Connection Diagram	<b>005005.44</b>

031767



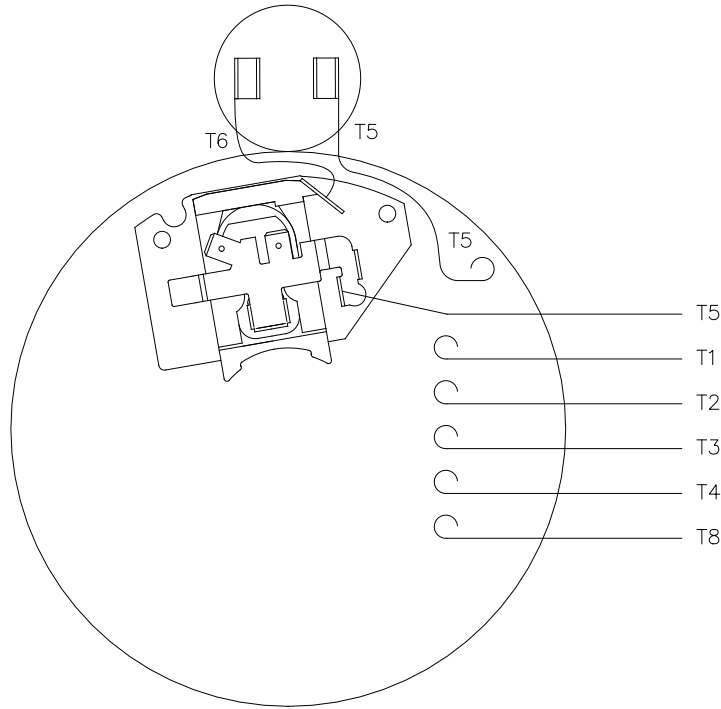
DASH NO.	"C"	"AD"
500	9.06	3.68
525	9.31	3.93
550	9.56	4.18
575	9.81	4.43
600	10.06	4.68
625	10.31	4.93
650	10.56	5.18
675	10.81	5.43

GASKETS THROUGHOUT

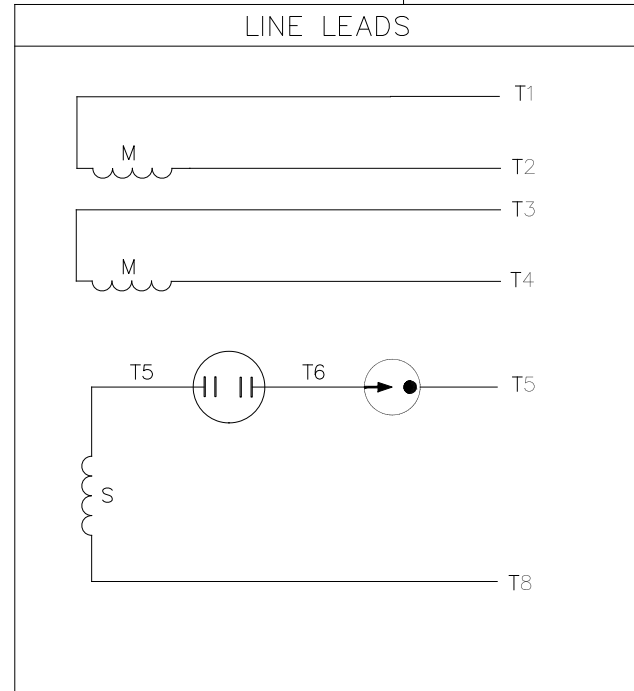
				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 3/30/04		
				DEC.	INCHES	TITLE		CHK		
				.X	±.1	OUTLINE - S56 FRAME		APPD		
				.XX	±.03	RIGID MOUNT - TENV		SCALE 1=2		
				.XXX	±.005	MAT'L. 1 PHASE		REF 031619		
				.XXXX	±.0005	FINISH STANDARD		FMF 102914.00		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

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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			 <b>Regal Beloit America, Inc.</b>		
				DEC.	INCHES	METRIC			
				.X	±.1	±2.5	DRAWN PG 5/7/01	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR	
				.XX	±.01	±.25	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
				ANGLES	±1/2'		FMF 100006	DRAWING NO. 005005-44	

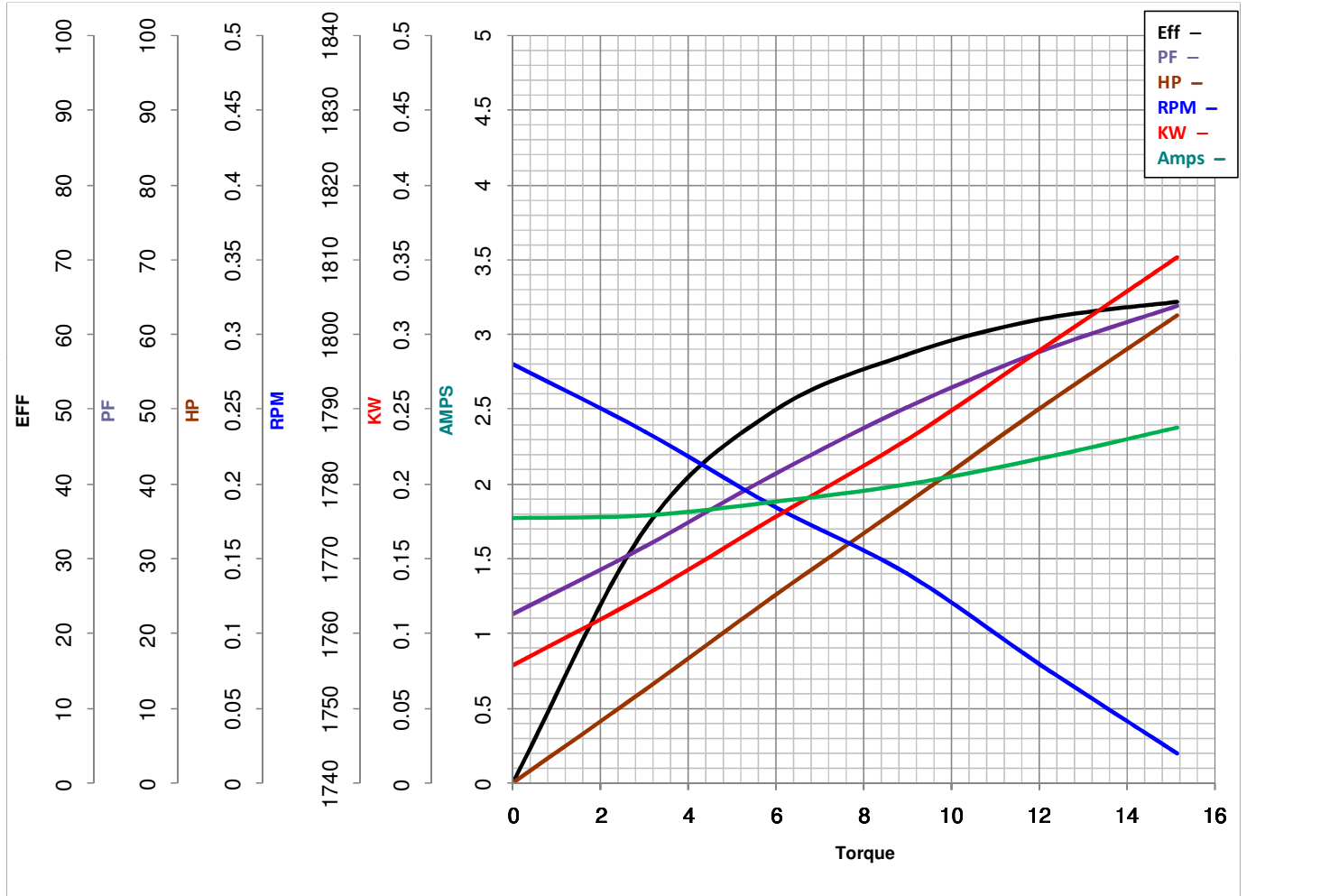


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102914.00

Catalog No 102914.00

Curve at 230 Volts      HP 0.26      PHASE 1  
60 HZ  
0.25 HP      VOLTS 115/208-230  
HZ 60      RPM 1725



FL TORQUE	<u>12</u>	Oz.Ft	FL AMPS	<u>4.6/2.4-2.3</u>
BD TORQUE	<u>37.0</u>	Oz.Ft	PU TORQUE	<u>34.8</u> Oz.Ft
LR TORQUE	<u>55</u>	Oz.Ft	LR AMPS	<u>13.5</u>
WINDING	CE484249-3		Date	3/22/2018