

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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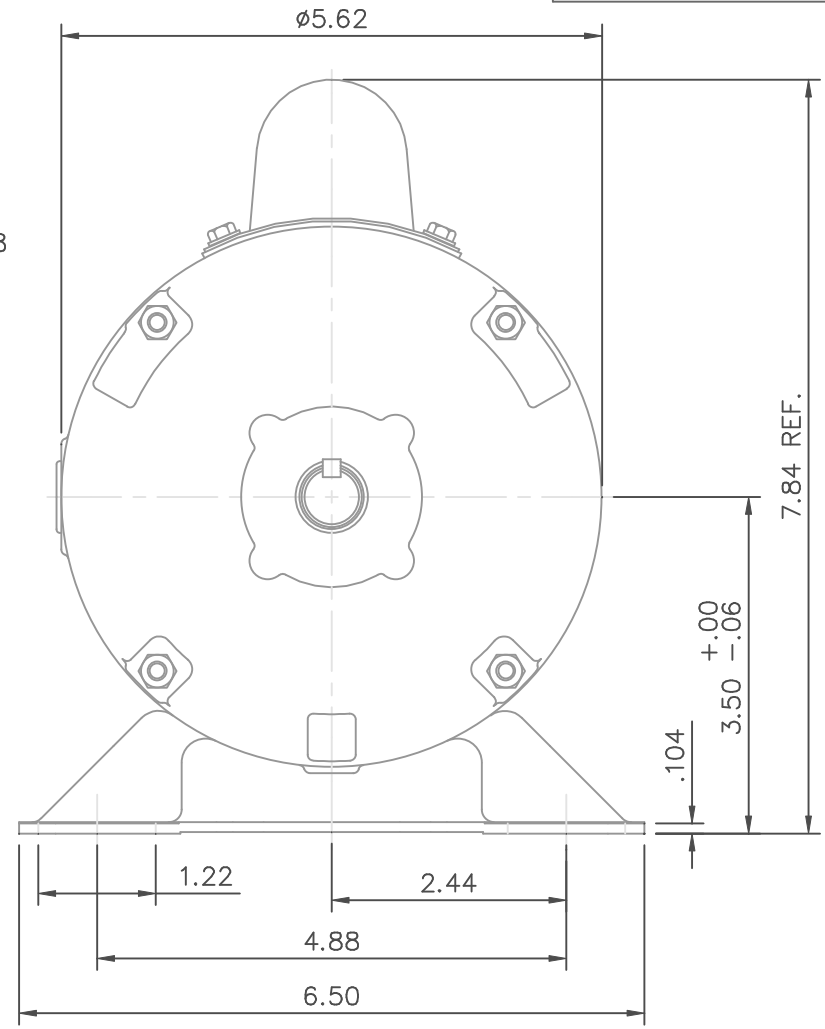
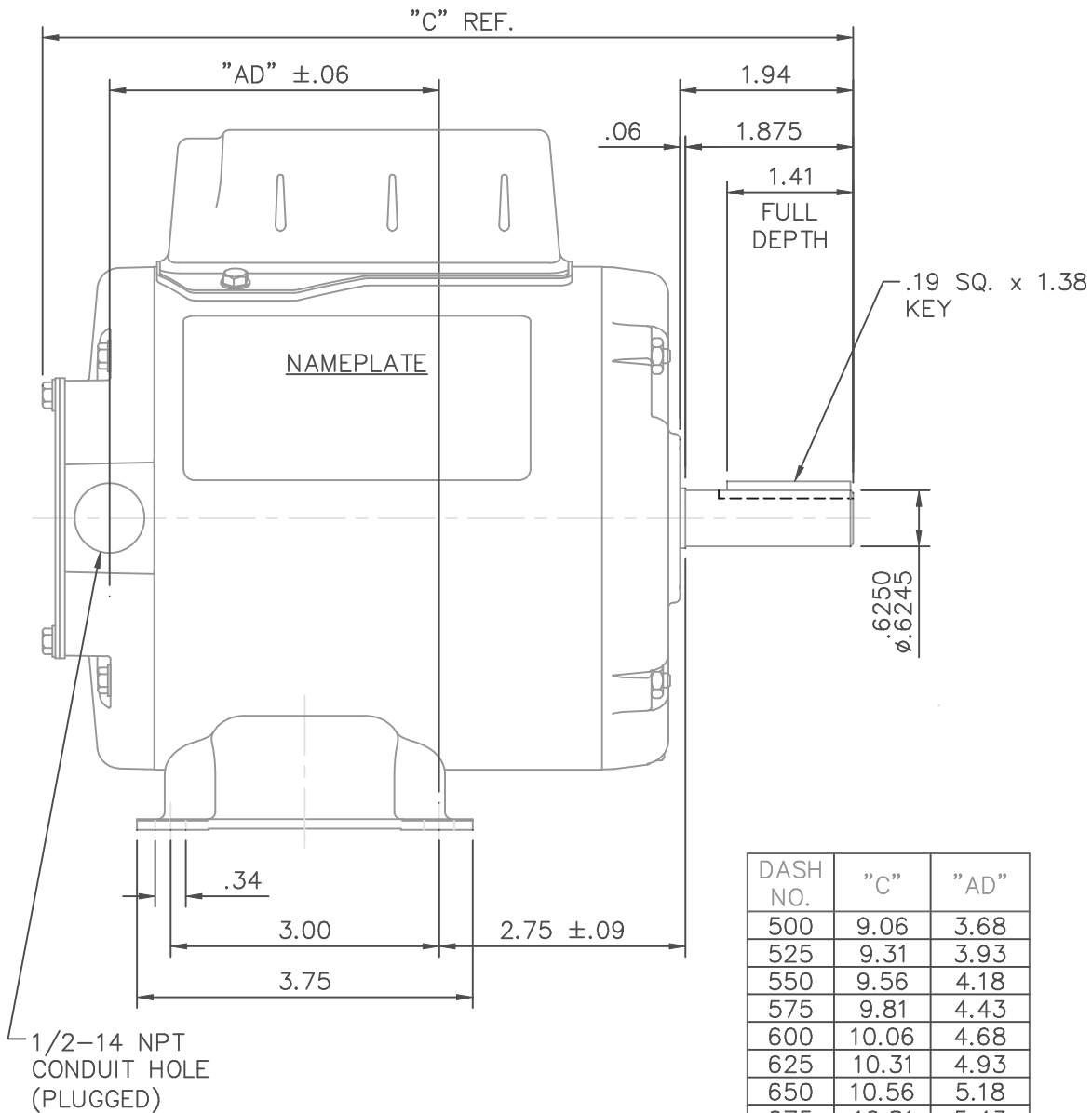
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	5.2/2.6 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	65 %	Duty	Continuous
Insulation Class	F	Design Code	N
KVA Code	J	Frame	S56
Enclosure	Totally Enclosed Non Ventilated	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	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	10.31 in	Frame Length	6.25 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031767-625	Connection Diagram	005005.44

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

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	PG 3/30/04
CHK	
APPD	
SCALE	1=2
REF	031619
FMF	102914.00
PREV	

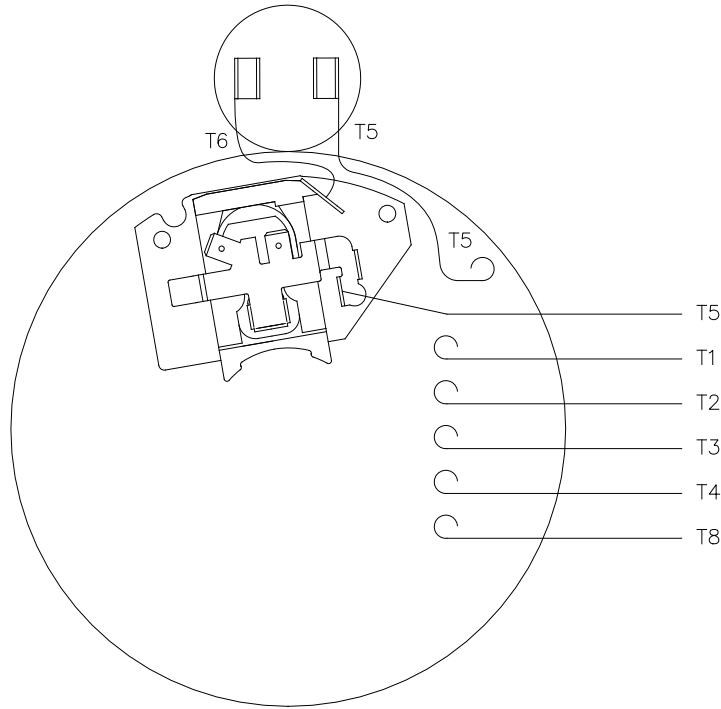
TITLE	OUTLINE - S56 FRAME RIGID MOUNT - TENV
MAT'L.	1 PHASE
FINISH	STANDARD

NO.	REVISION	BY & DATE	CHK

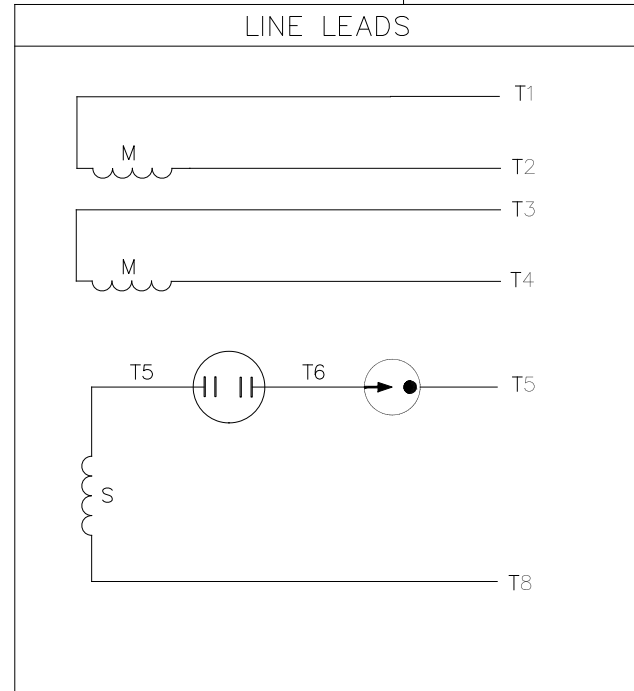
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RFP	CAD FILE	031767	SIZE	DRAWING NO.	REV.
DIST			A	031767	


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			 Regal Beloit America, Inc.				
				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.	DRAWING NO.
				ANGLES	±1/2'		FMF	100006		01	005005-44



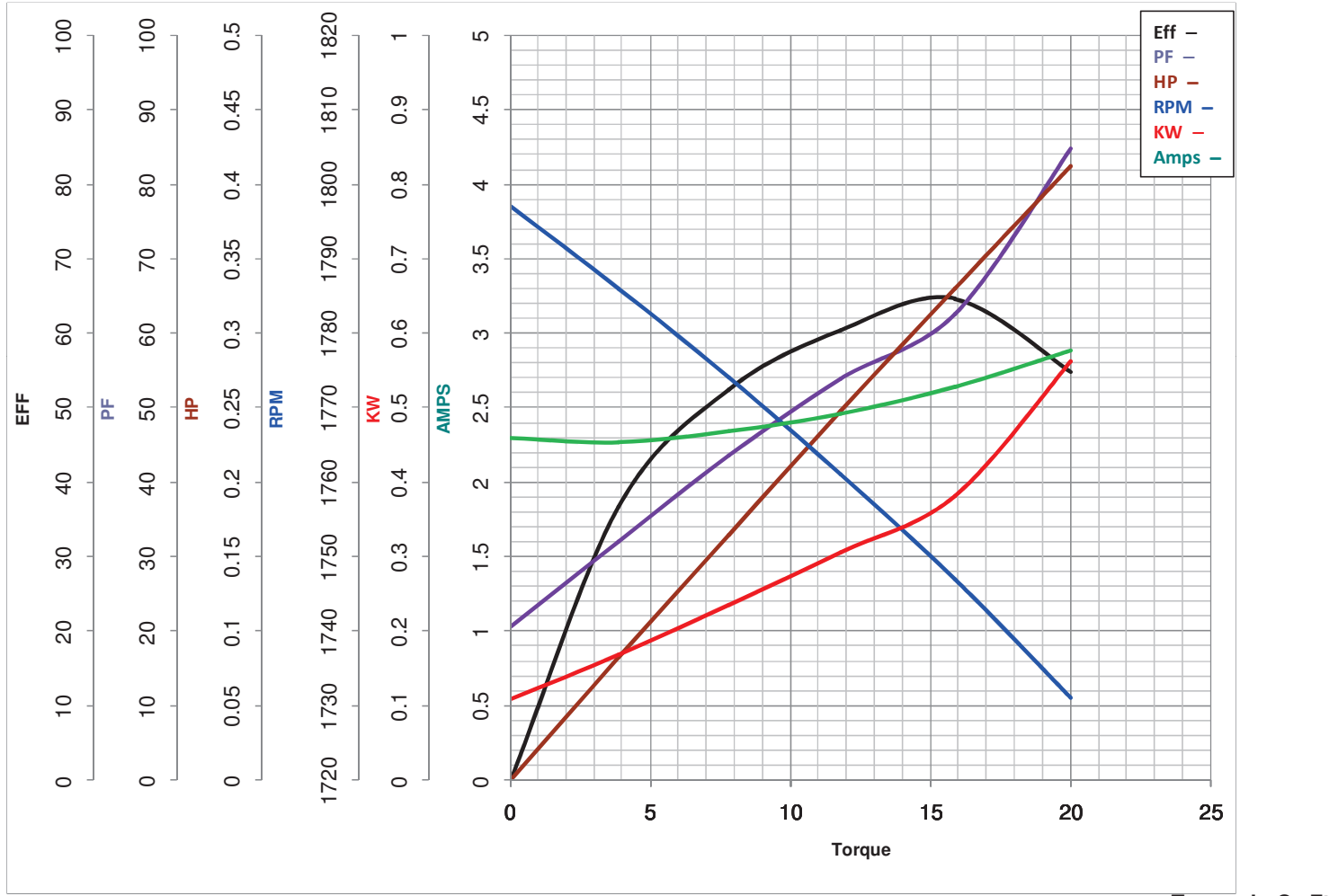
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

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	<u>4/23/2018</u>

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