

PRODUCT INFORMATION PACKET



Model No: C4C34FH8B

Catalog No: 102905.00

1/2HP..3450RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.WP 56 to 48 Repl
110399.C4C34FH8B

Totally Enclosed Fan Cooled (TEFC)



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E



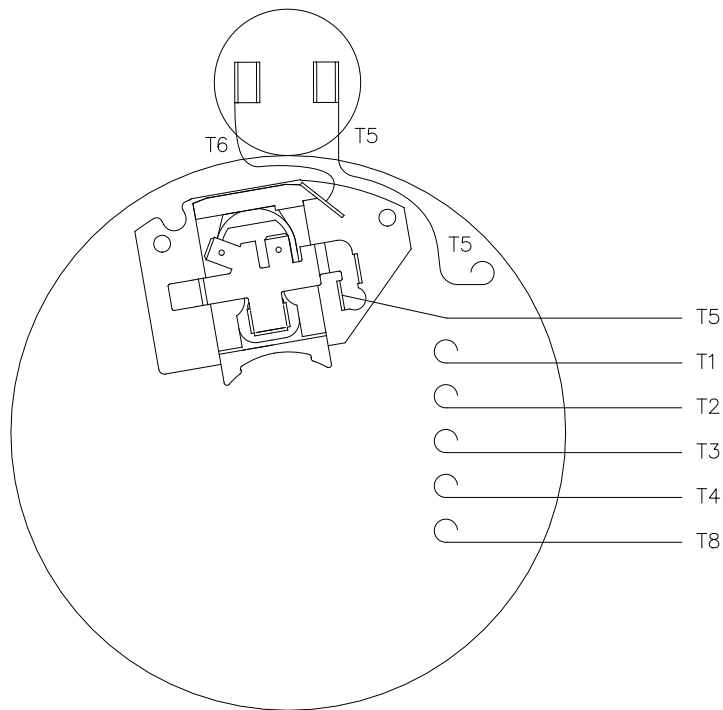


Nameplate Specifications

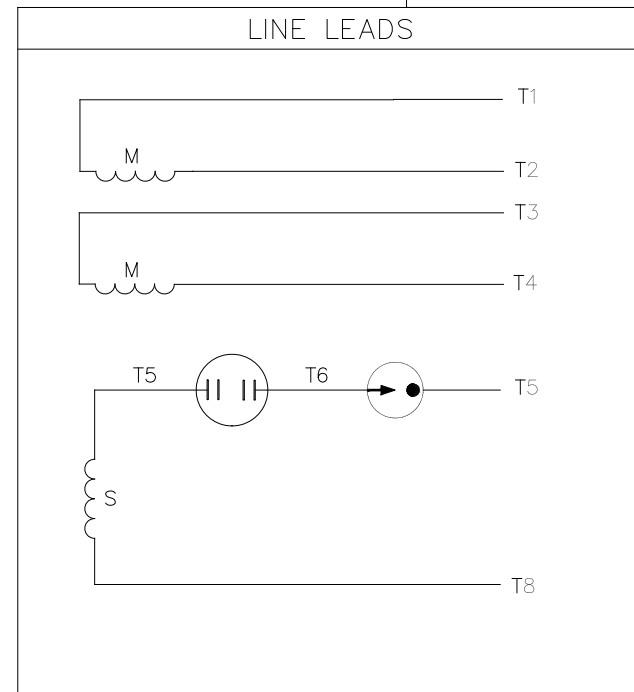
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	7.0/3.4-3.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	66 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	L	Frame	S56
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

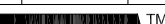
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	9.94 in	Frame Length	5.25 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031631-525	Connection Diagram	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	

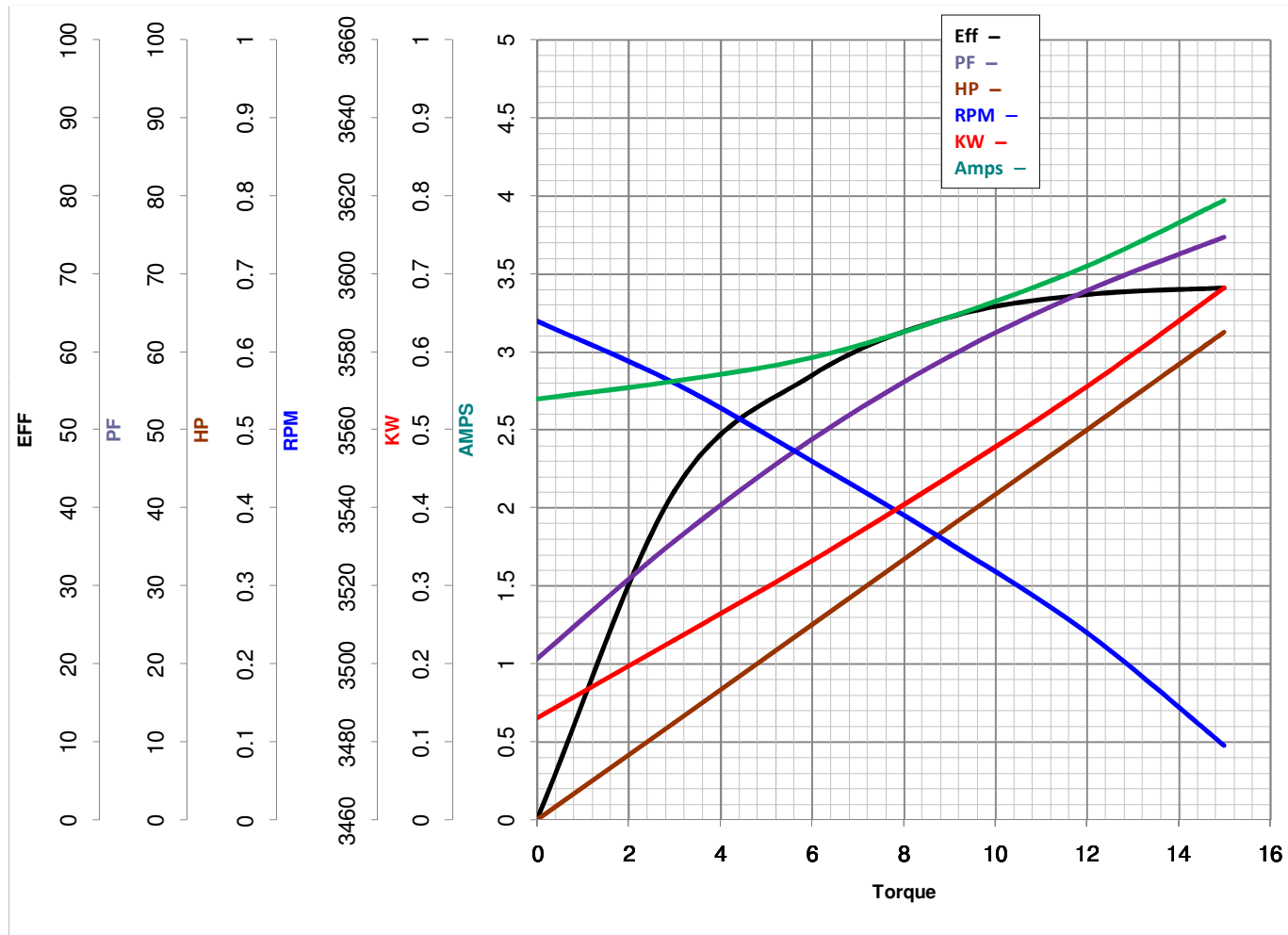
				TOLERANCES UNLESS OTHERWISE SPECIFIED			 Regal Beloit America, Inc.				
				DEC.	INCHES	METRIC					
				.X	±.1	±2.5	DRAWN	PG 5/7/01	TITLE	EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR	
				.XX	±.01	±.25	APPR.				
01	MOVED T5 TO "INSIDE" SWITCH TERMINAL	PG 8/2/01		.XXX	±.005	±.127	R.F.P.		MAT'L.	DUAL VOLTAGE – DUAL ROTATION	
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			



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102905.00Curve at 230
60
0.5Volts
HZ
HPHP 0.50

VOLTS 115/208-230PHASE 1Catalog No 102905.00HZ 60RPM 3450

Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
 BD TORQUE 35.2 Oz.Ft
 LR TORQUE 34.6 Oz.Ft
 WINDING CE482235-3

FL AMPS 7/3.4-3.5
 PU TORQUE 31.5 Oz.Ft
 LR AMPS 20.5
 Date 3/27/2018