

PRODUCT INFORMATION PACKET



Model No: M6C14FC5F

Catalog No: 113921.00

1/3HP..25KW.1425RPM.56.IP54./V.1PH.50HZ.CONT.MANUAL.40C.1.0SF.C FACE.50 HERTZ.M6C14FC5F
50 Hz



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

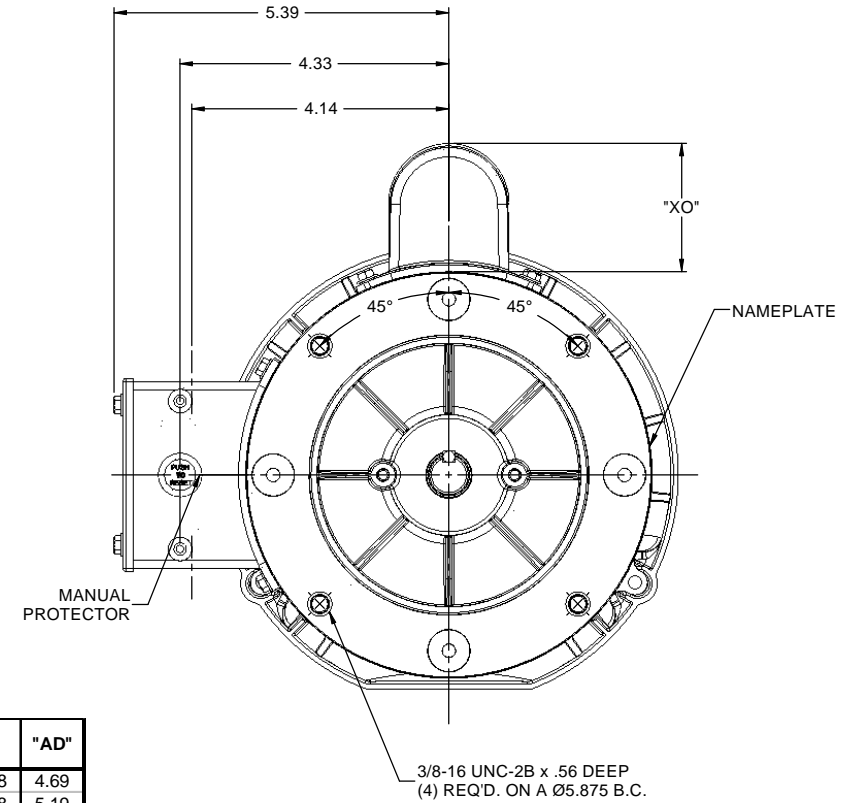
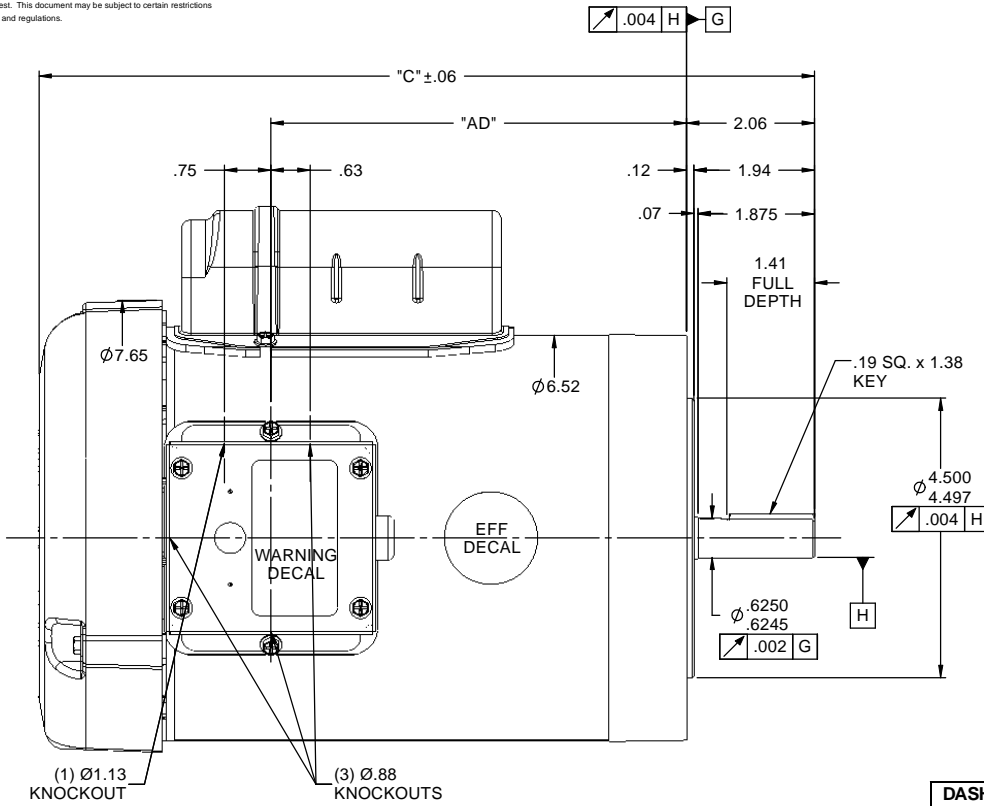
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	50 Hz	Voltage	110/220 V
Current	6.4/3.2 A	Speed	1425 rpm
Service Factor	1	Phase	1
Efficiency	65.3 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	54		

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	10.98 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028875-550A	Connection Diagram	005382.02

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018

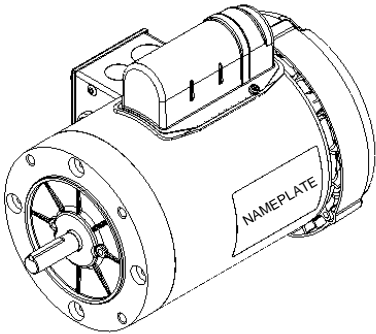
RBC PROPRIETARY AND CONFIDENTIAL INFORMATION
 This document is the property of REGAL-BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.



DASH NO.	"C"	"AD"
500	10.48	4.69
550	10.98	5.19
600	11.48	5.69
650	11.98	6.19
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69
850	13.98	8.19

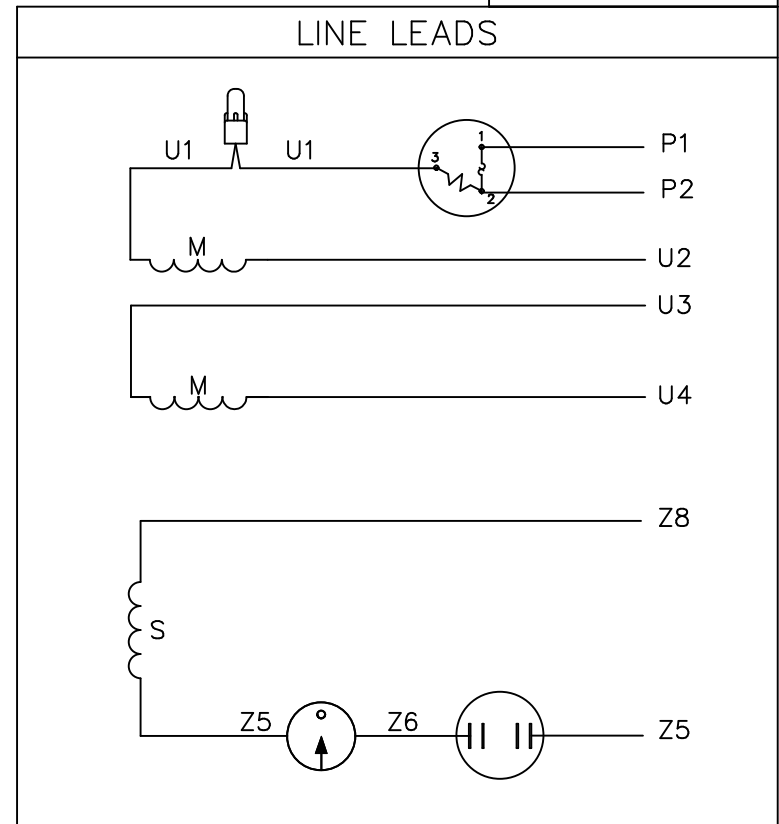
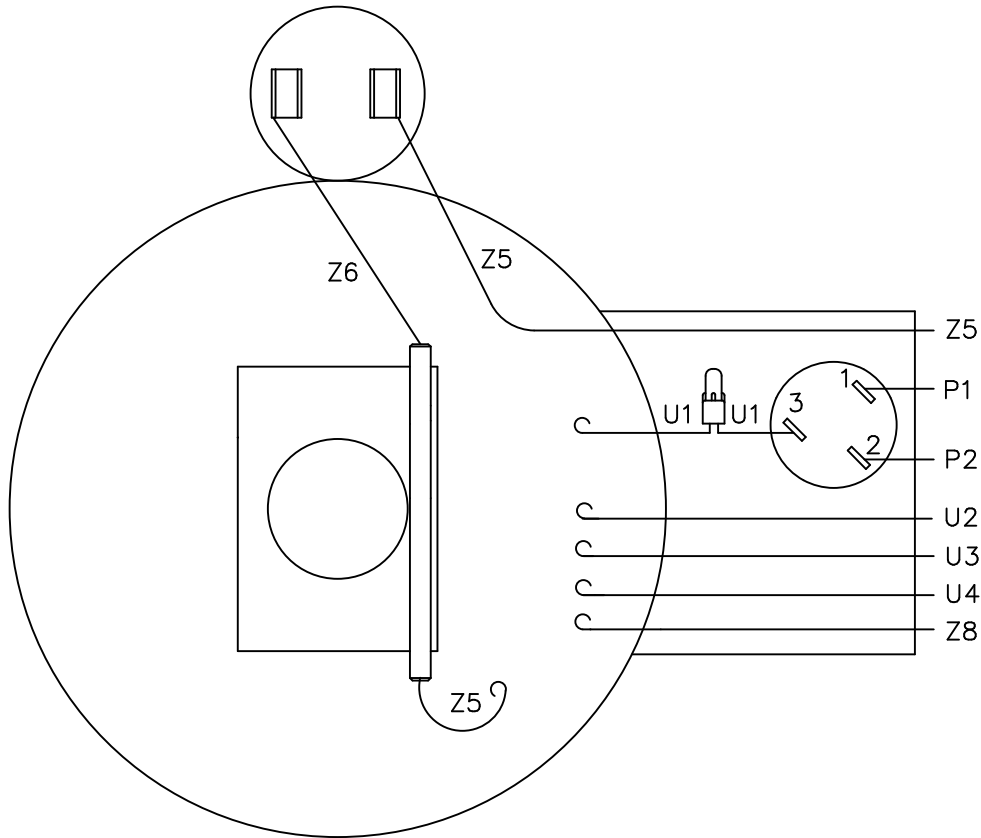
CAP DASH	"XO"
A	1.61
B	2.08
C	2.32

NOTES:
 1) GASKETS THROUGHOUT



		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN GRB 08/29/2008	
		DEC INCHES				CHK RVD 08/29/2008	
		X ±.1		TITLE OUTLINE - 56C FRAME TEFC - 'C' FACE		APPR	
		XX ±.03				SCALE 1:2	
		XXX ±.005				REF 028854	
REDRAWN IN SOLID WORKS		XXXX ±.0005		MATL		FMF	
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE	OF
	THIRD ANGLE PROJECTION		RFP	08/29/2008	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME			B	028875
							REV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	U4 Z5	U2,U3 Z8	P2
	C.W.	P1	U4 Z8	U2,U3 Z5	P2
LOW VOLT	C.C.W.	P1	U2,U4 Z5	P2,U3 Z8	--
	C.W.	P1	U2,U4 Z8	P2,U3 Z5	--

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.01
				.XXX	±.005
				.XXXX	±.0005
				ANG	±1/2°



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	PJM 4/02/96
CHK	
APPD	
SCALE	1=1
REF	005382-01
FMF	114831
PREV	

TITLE	EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR
MAT'L.	DECAL - 080600 IEC LEAD MARKING
FINISH	

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	CAD FILE	00538202	SIZE	DRAWING NO.	REV.
		DIST			A	005382-02	

```
ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--
STACK:
  /im
  -savelevel -
```

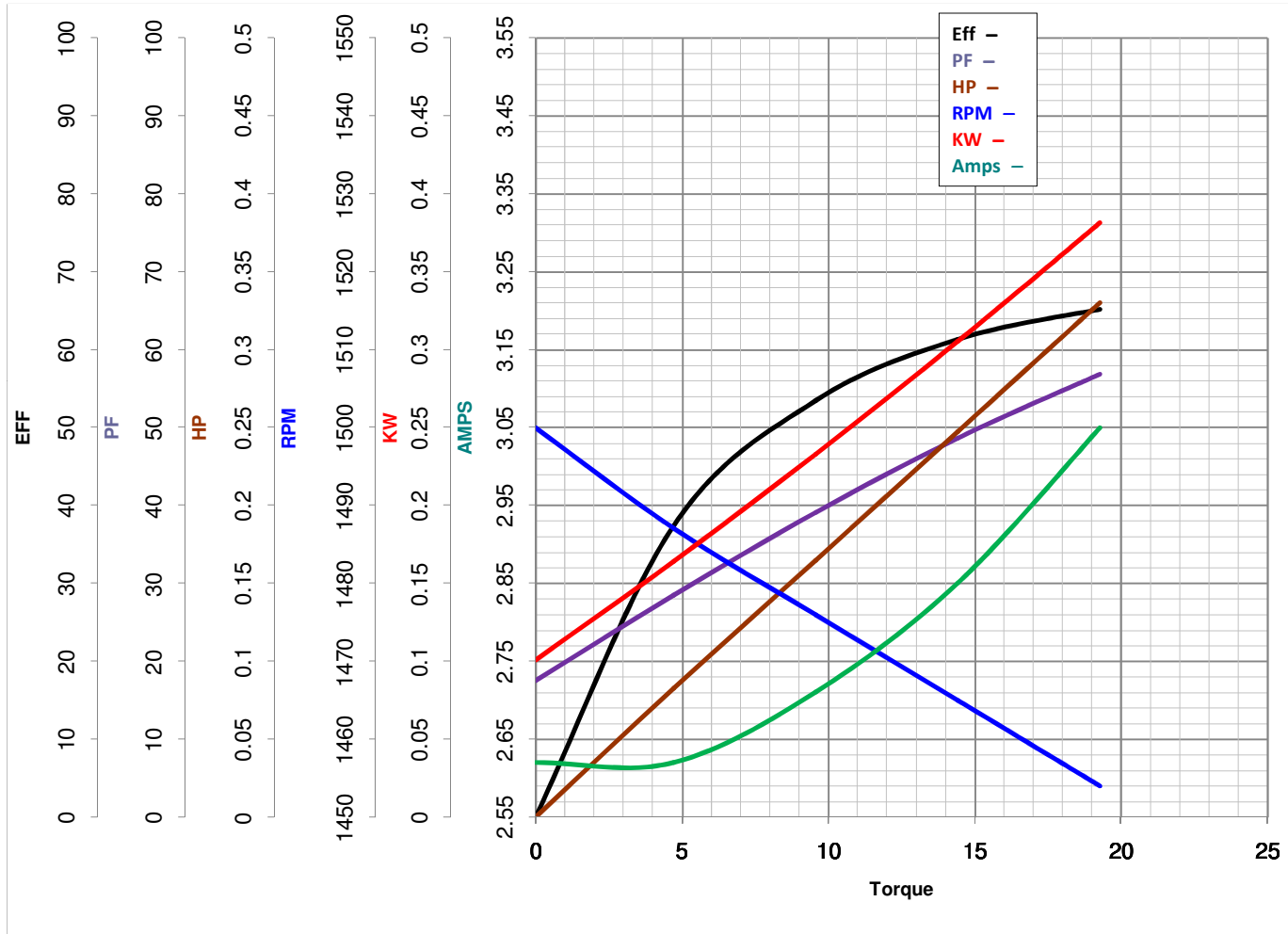


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113921.00

Catalog No 113921.00

Curve at 220 Volts HP 0.34 PHASE 1
50 HZ
0.33 HP VOLTS 110/220
 HZ 50 RPM 1425



Torque in Oz.Ft

FL TORQUE 19.29 Oz.Ft
 BD TORQUE 57.3 Oz.Ft
 LR TORQUE 73.46 Oz.Ft

FL AMPS 6.4/3.2
 PU TORQUE 56.7 Oz.Ft
 LR AMPS 14.9

WINDING C634270-4

Date 3/20/2018