

PRODUCT INFORMATION PACKET



Model No: 110058.00

Catalog No: 110058.00

General Purpose Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



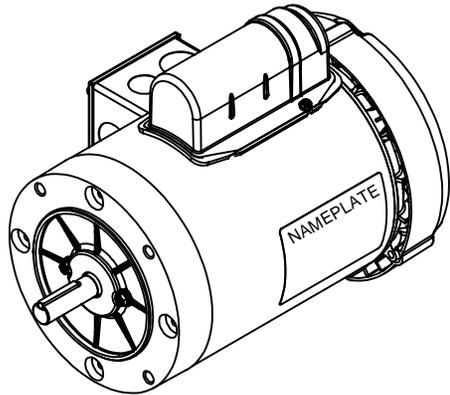
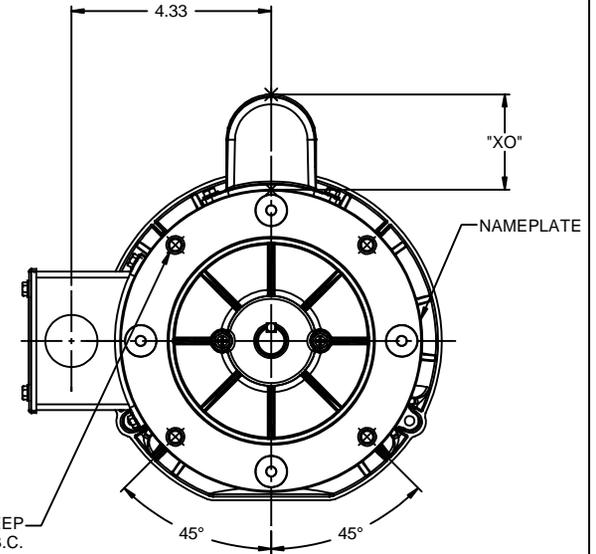
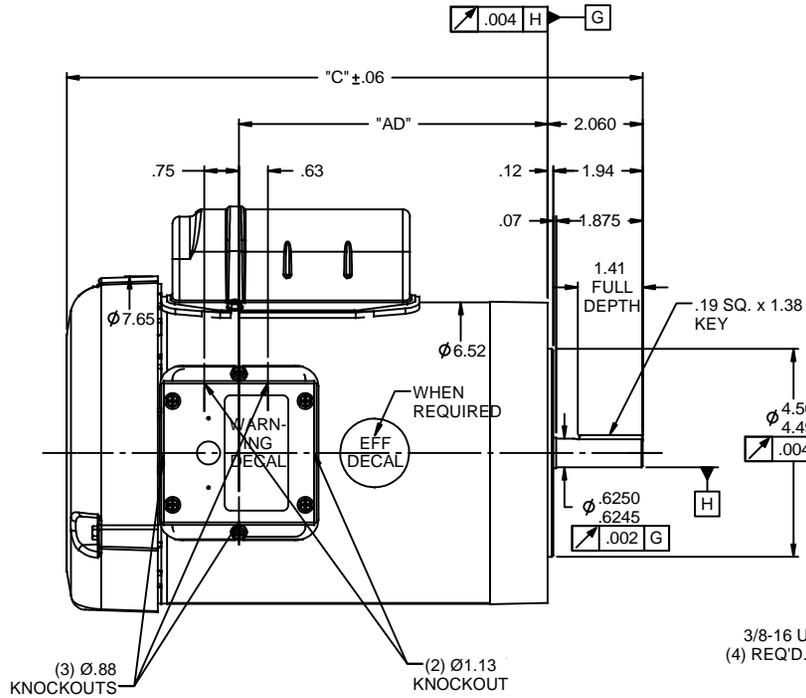
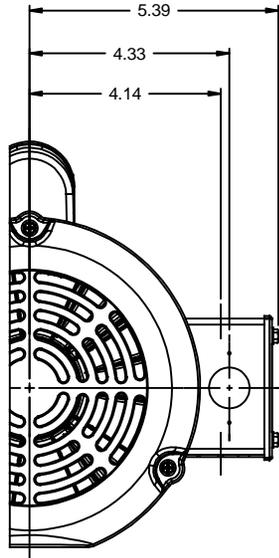


Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	75 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	12.8/6.4 A	Power Factor	68
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.9 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.98 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005005.01	Outline Drawing	028854-650B

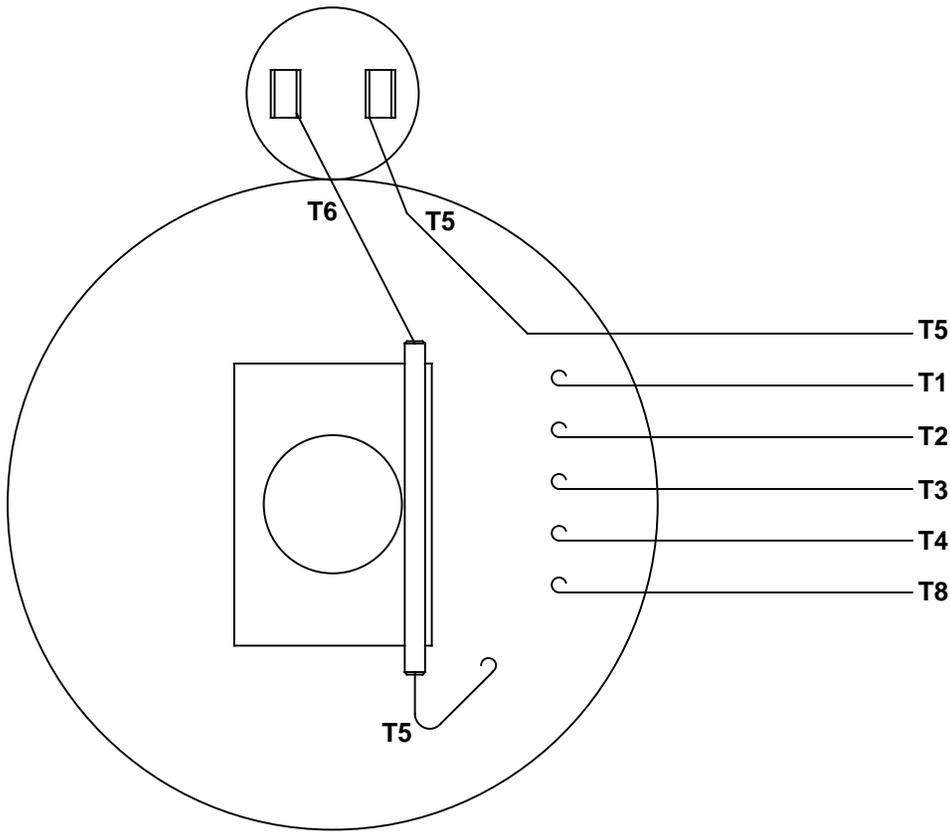


NOTES:
 1) GASKETS THROUGHOUT

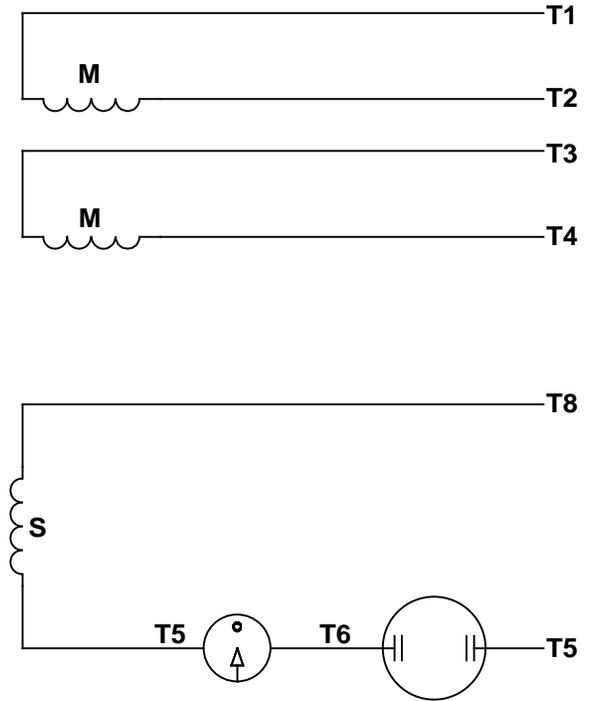
DASH NO.	"C"	"AD"	CAP DASH XO	
500	10.48	4.69	A	1.61
550	10.98	5.19	B	2.08
600	11.48	5.69	C	2.32
650	11.98	6.19		
700	12.48	6.69		
750	12.98	7.19		
800	13.48	7.69		
850	13.98	8.19		

			TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN GRB 07/17/2008	
			DEC	INCHES			CHK	DJ 07/17/2008
			X	±.1			APPR	
			.XX	±.03		TITLE OUTLINE - 56C FRAME	SCALE	3:8
02	ADDED ISOMETRIC VIEW AS PER ISAAC #08-4017	GRB 9/5/2008	DJ	±.005		TEFC - "C" FACE	REF	028852
01	ADDED "XO" DIMENSION	SRS 8/28/2008		±.0005		MATL	FMF	110419.00
NO	REVISION	BY & DATE	CHK	ANG ±1/2°		FINISH	PAGE	OF
			RFP	07/17/2008		PREV	SIZE	DRAWING NO
							B	028854
						NETWORK FILE NAME		02

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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.

	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	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11	TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97	DEC	INCHES			CHK
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X ±.1	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR		APPR JCW 03/09/79
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX ±.01			SCALE 1:1
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX ±.005	MAT'L DECAL - 004012		REF FIG 2-23 C4A
23	ADDED PAGE 28	KMM 01/27/95		.XXXX ±.0005			FMF MGI-2.4B
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE	OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	
			NETWORK FILE NAME 00500501		A	005005-01	
							REV
							--



1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810

CERTIFICATION DATA SHEET

CATALOG #: 110058.00

CONN. DIAGRAM: 005005.01

OUTLINE: 028854-650B

MOUNTING: F1 ONLY

WINDING #: C634256 FR 3 D

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	0.75	1800	1725	56C	TEFC	K	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	12.8/6.4	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	75	3/4 LOAD EFF:	72.8	1/2 LOAD EFF:	69.7	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	68	3/4 LOAD PF:	58	1/2 LOAD PF:	45.6	70	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	66 / 33	9 LB-FT 300 %	7 LB-FT 233 %	73

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
64 dBA	74 dBA	0 LB-FT^2	0.1 LB-FT^2	10 SEC.	0	36 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

* N O T E S *	INVERTER TORQUE: NONE
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE NONE NONE NONE NONE PPR
	BRAKE: NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

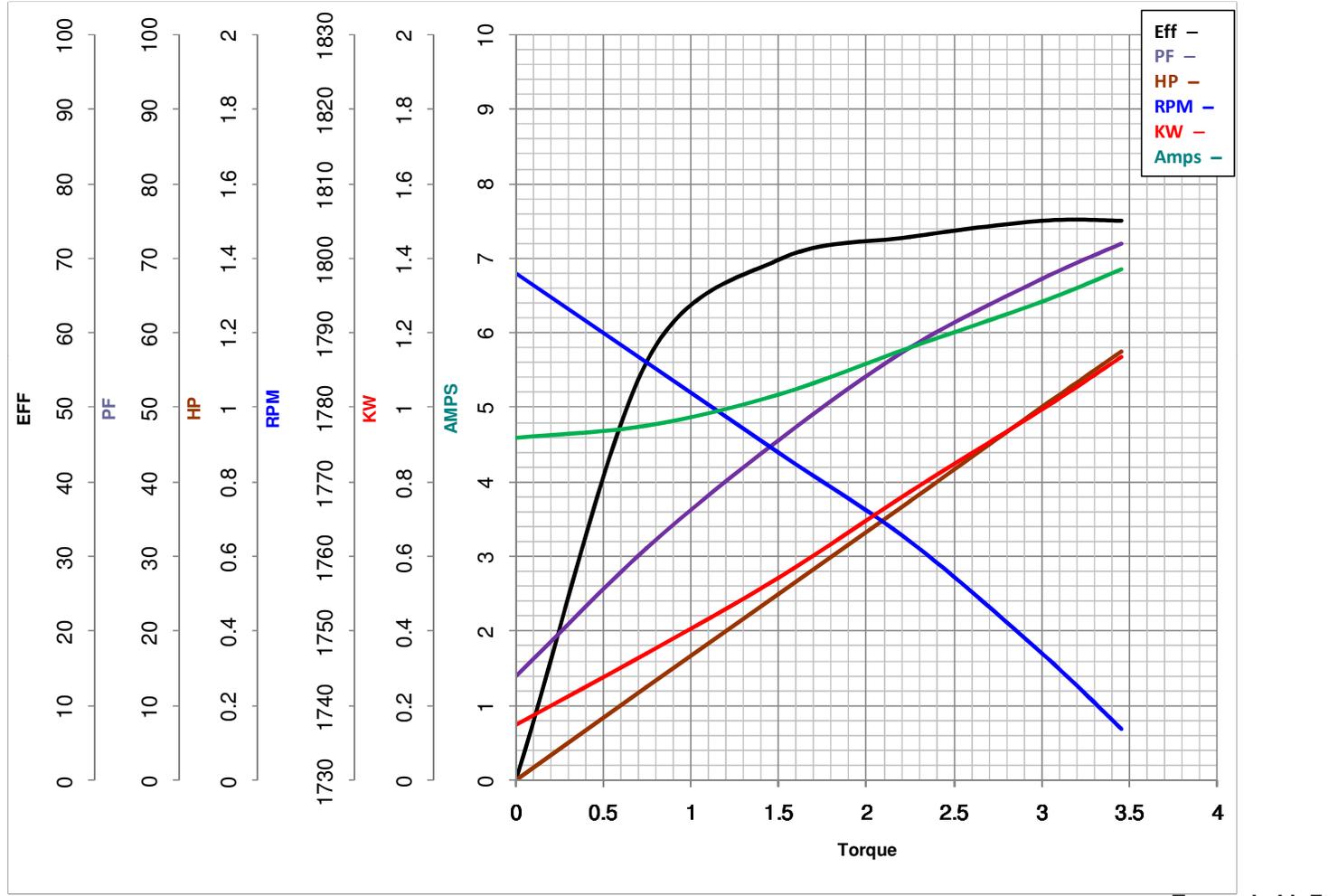
Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230

Model No 110058.00

Catalog No 110058.00

HZ 60

RPM 1725



FL TORQUE	<u>3</u>	Lb.Ft	FL AMPS	<u>12.8/6.4</u>	
BD TORQUE	<u>7.0</u>	Lb.Ft	PU TORQUE	<u>6.7</u>	Lb.Ft
LR TORQUE	<u>9</u>	Lb.Ft	LR AMPS	<u>33</u>	
WINDING	C634256-3		Date	3/13/2018	