

PRODUCT INFORMATION PACKET



Model No: 111915.00
Catalog No: 111915.00
General Purpose Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56H Frame, TEFC

Operational at 115/208-230 V @60HZ



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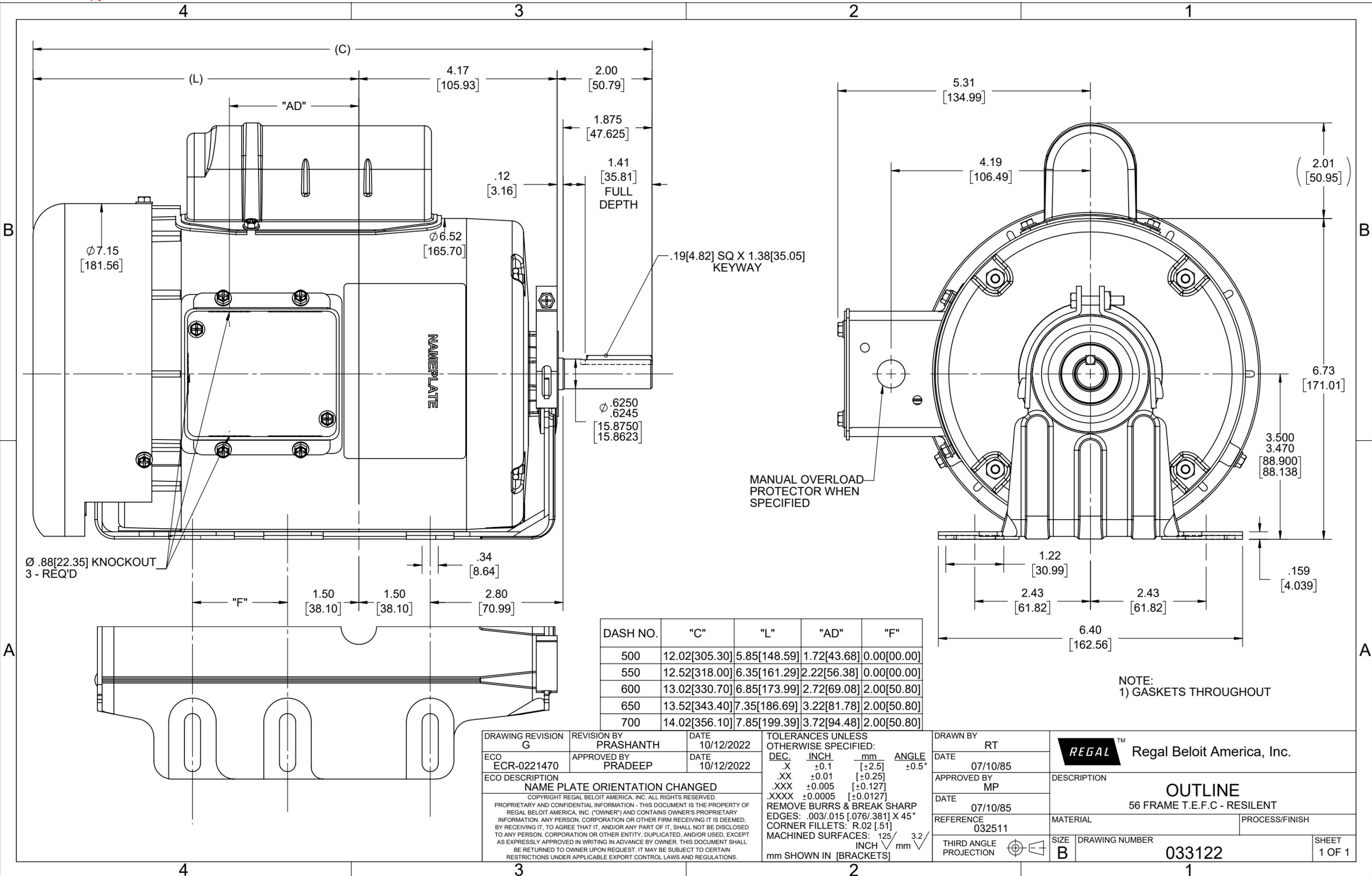


Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56H	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	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	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.96 in
Frame Length	6.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005003.03	Outline Drawing	033122-600

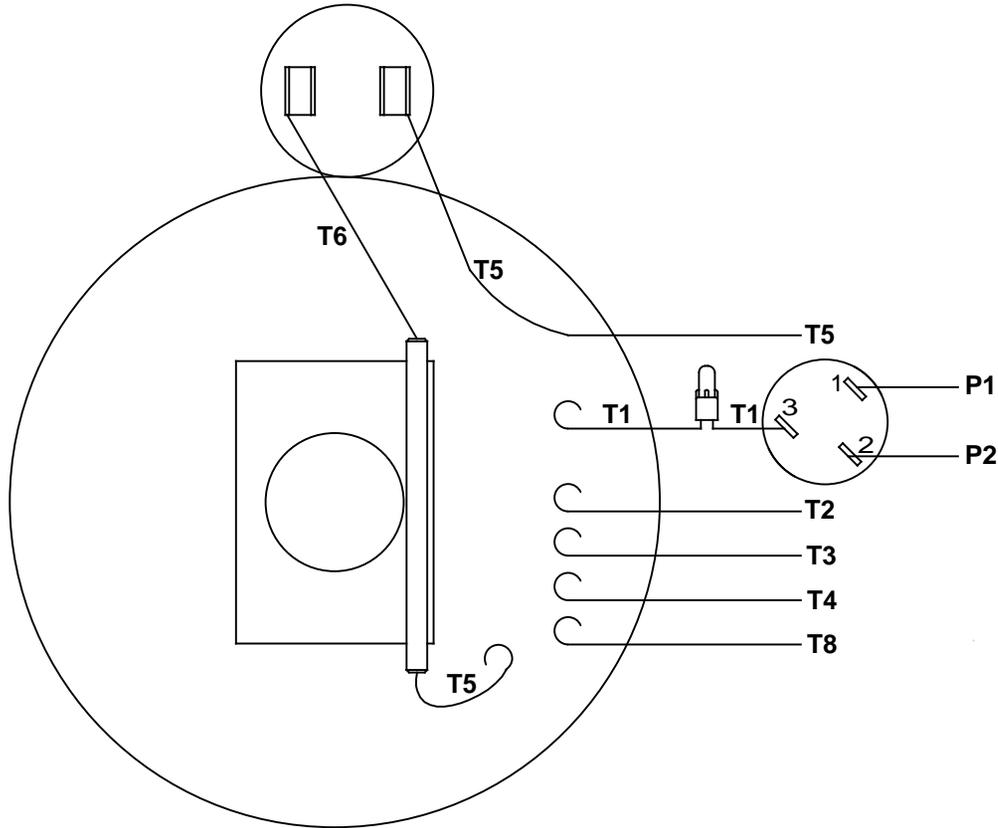


DASH NO.	"C"	"L"	"AD"	"F"
500	12.02[305.30]	5.85[148.59]	1.72[43.68]	0.00[00.00]
550	12.52[318.00]	6.35[161.29]	2.22[56.38]	0.00[00.00]
600	13.02[330.70]	6.85[173.99]	2.72[69.08]	2.00[50.80]
650	13.52[343.40]	7.35[186.69]	3.22[81.78]	2.00[50.80]
700	14.02[356.10]	7.85[199.39]	3.72[94.48]	2.00[50.80]

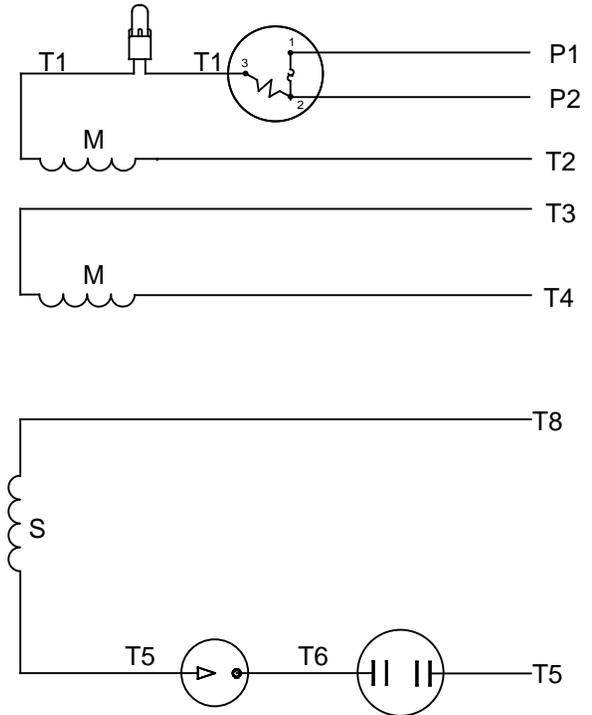
NOTE:
1) GASKETS THROUGHOUT

DRAWING REVISION G	REVISION BY PRASHANTH	DATE 10/12/2022	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.01 [±0.25] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 125 INCH mm 3.2 mm SHOWN IN [BRACKETS]	DRAWN BY RT	REGAL ™ Regal Beloit America, Inc.
ECO ECR-0221470	APPROVED BY PRADEEP	DATE 10/12/2022		DATE 07/10/85	
ECO DESCRIPTION NAME PLATE ORIENTATION CHANGED COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				APPROVED BY MP	DESCRIPTION OUTLINE 56 FRAME T.E.F.C - RESILENT
				DATE 07/10/85	MATERIAL
				REFERENCE 032511	PROCESS/FINISH
			THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 033122
					SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS

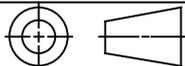


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	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	---
	C.W.	P1	T2,T4 T8	P2,T3 T5	---

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLV 08/20/79	
NO	REVISION	BY & DATE	CHK ANG			CHK	APPR
			.X ±.1			1:1	
			.XX ±.01				
06	REDRAWN IN SOLIDWORKS	VJB 7/22/2011	.XXX ±.005		TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR		
05	REDRAWN ON CAD	DBT 05/27/97	.XXXX ±.0005		MAT'L DECAL - 004011		
			±1/2°		FINISH		
			RFP		PREV	SIZE	DRAWING NO
			NETWORK FILE NAME	00500303		A	005003-03
							06

THIRD ANGLE PROJECTION





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

CERTIFICATION DATA SHEET

CATALOG #: 111915.00

CONN. DIAGRAM: 005003.03

OUTLINE: 033122-600

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	56H	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	34 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	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	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
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E

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



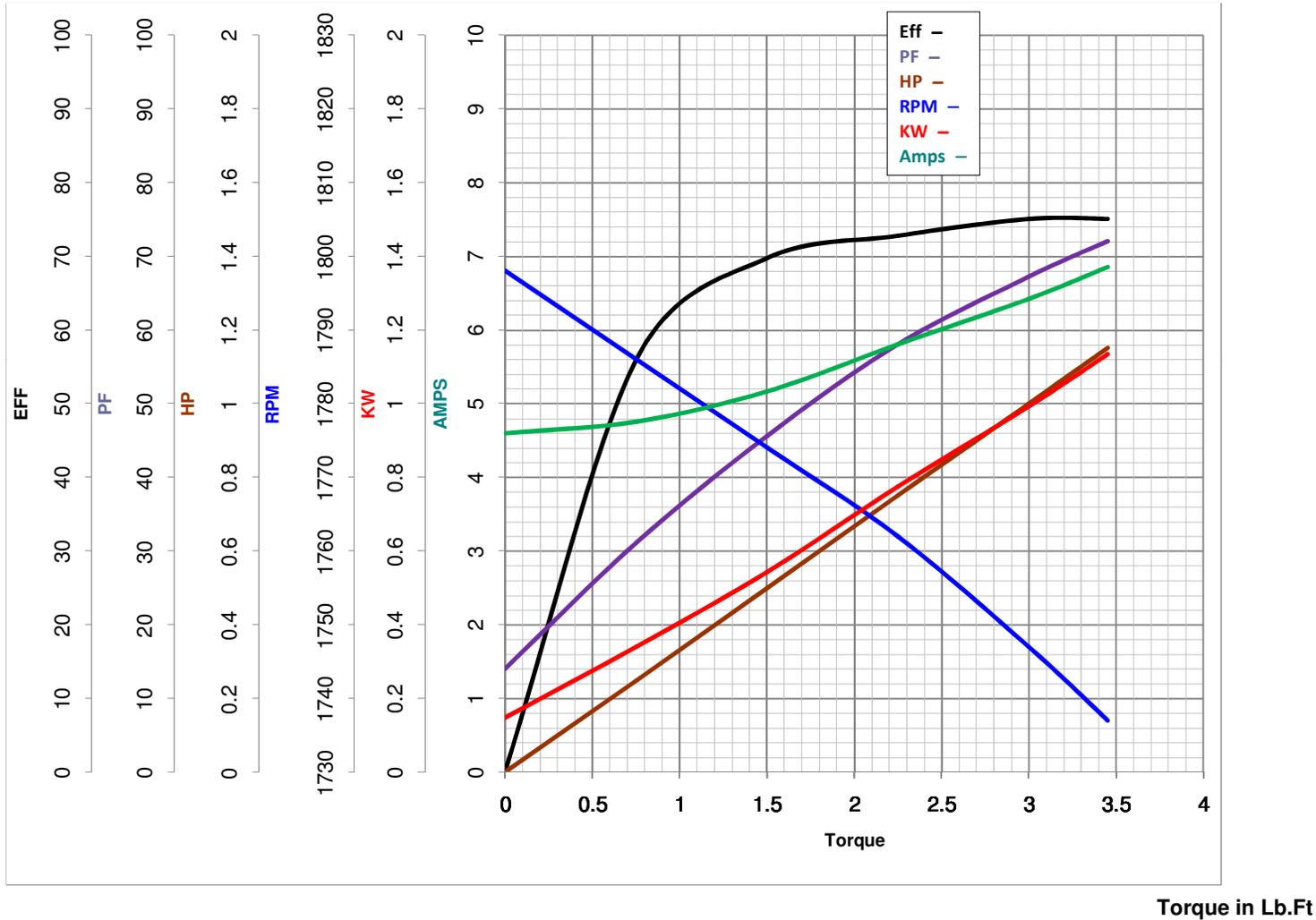
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 111915.00

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

Catalog No 111915.00

HZ 60 RPM 1725



FL TORQUE 3 Lb.Ft
 BD TORQUE 7.0 Lb.Ft
 LR TORQUE 9 Lb.Ft

FL AMPS 12.8/6.4
 PU TORQUE 6.7 Lb.Ft
 LR AMPS 33

WINDING C634256-3

Date 4/12/2018