

# PRODUCT INFORMATION PACKET



Model No: E113266.00

Catalog No: E113266.00

ecoSaver™ General Purpose Motor, 1.5 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56H Frame, DP

Operational at 208-115/230 V @60HZ



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### Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56H	Enclosure	Drip Proof
Thermal Protection	Manual	Efficiency	83.8 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	13.0/6.5 A	Power Factor	89
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

### Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.87 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0269-800B	Connection Drawing	005053.01

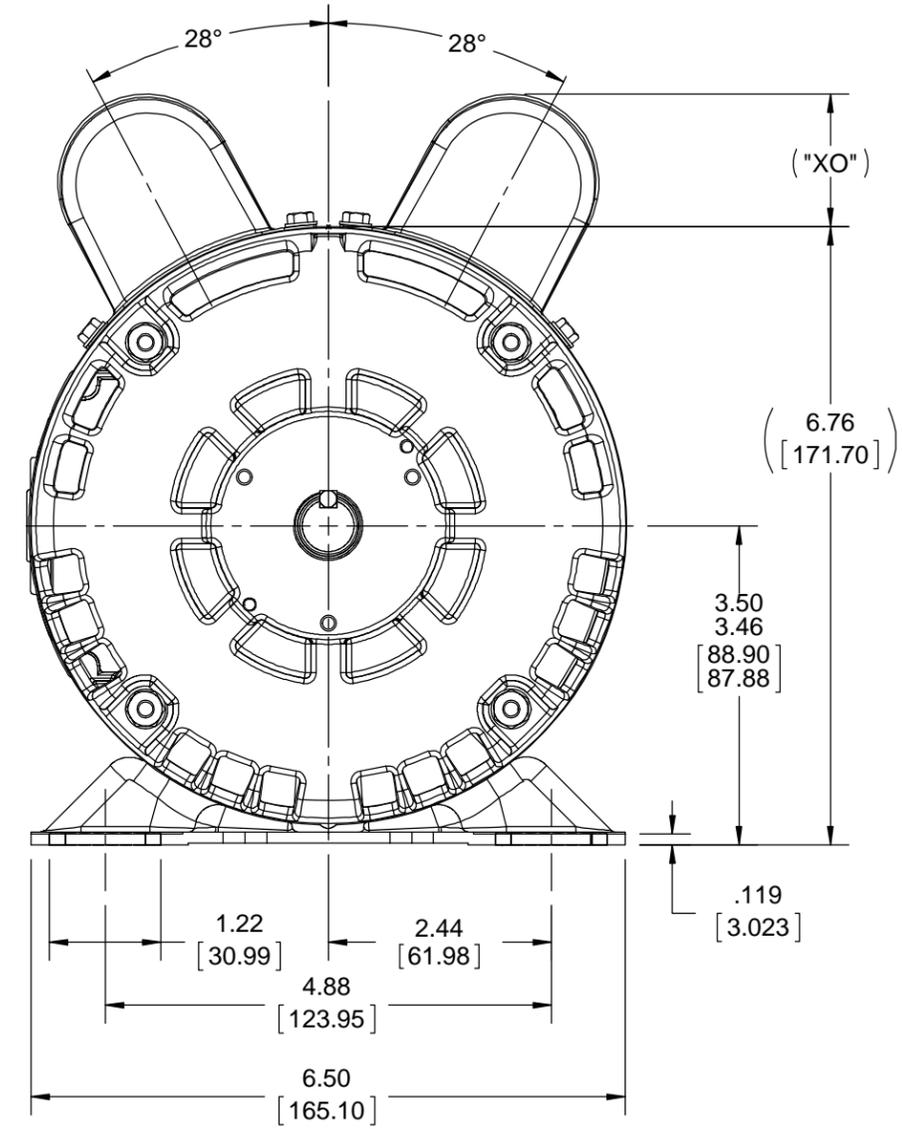
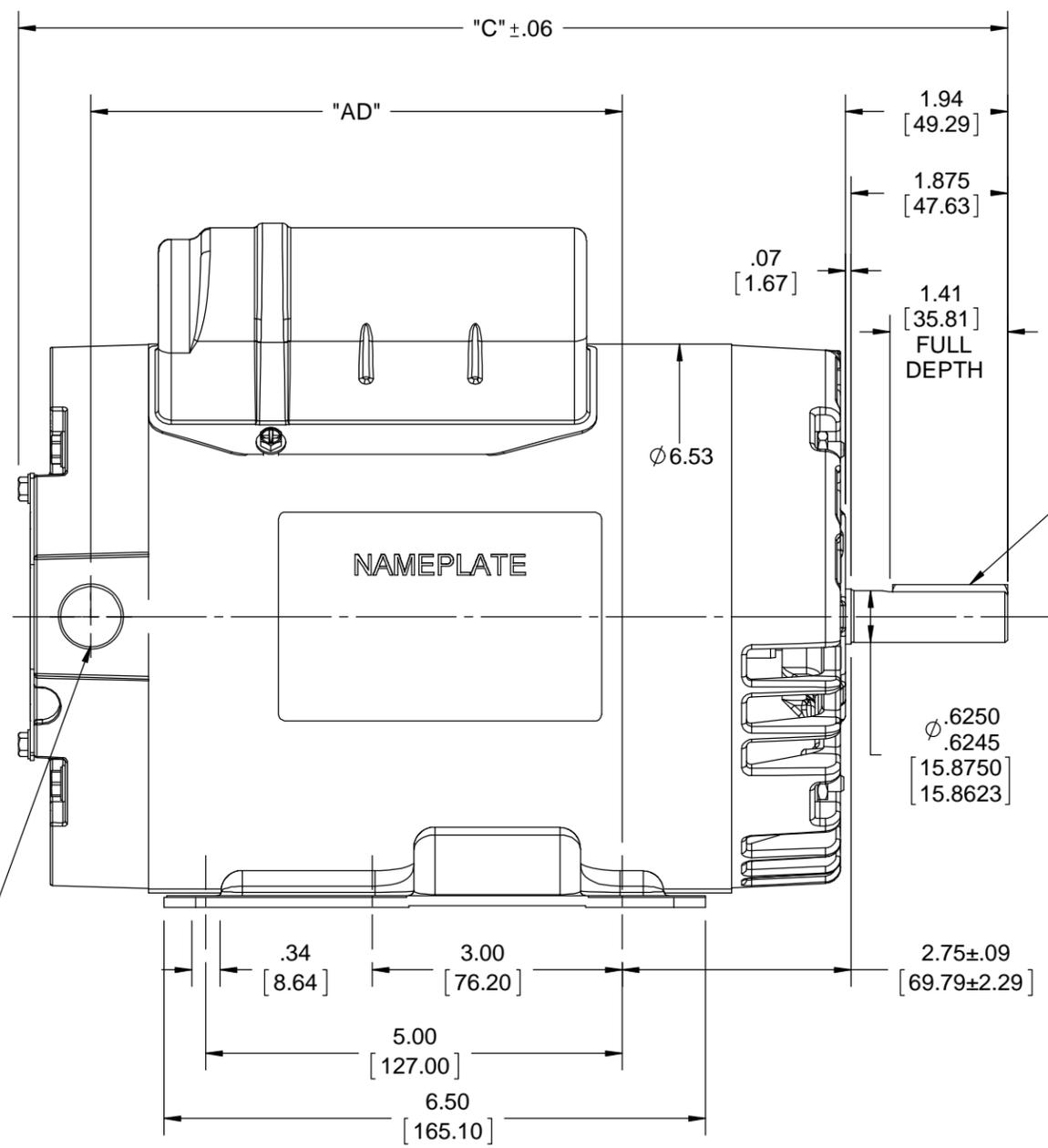
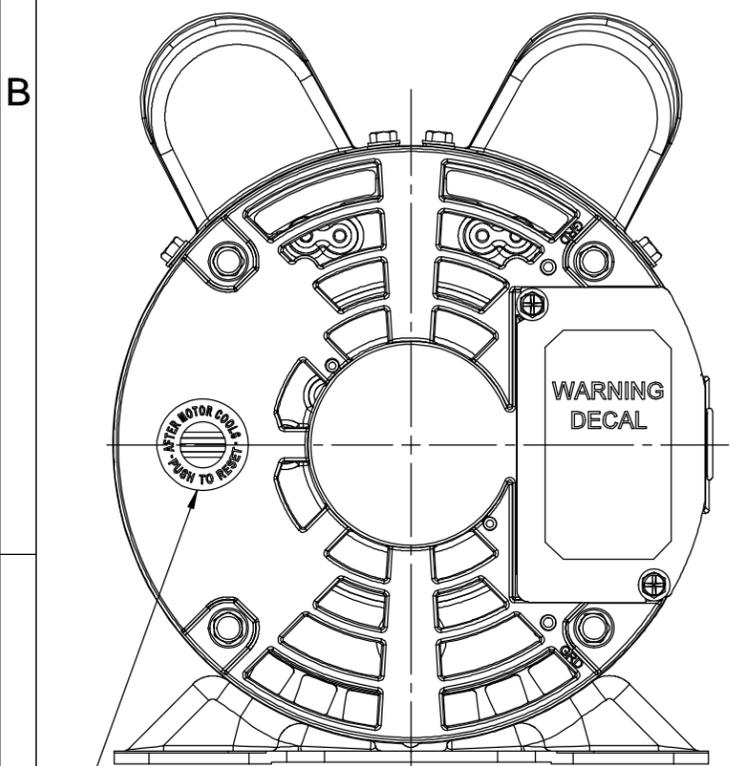
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3

Uncontrolled Copy

2

1



A

A

B

B

DASH	"C"	"AD"	CAP. DASH	"XO"
500	9.87	4.38		
550	10.37	4.88		
600	10.87	5.38		
650	11.37	5.88	A	1.01
700	11.87	6.38	B	1.45
750	12.37	6.88	C	1.68
800	12.87	7.38		

4

3

2

1

DRAWING REVISION B	REVISION BY AS	DATE 05/09/2018
ECO ECO-0144726	APPROVED BY AS	DATE 05/09/2018
ECO DESCRIPTION CAP. DASH TABLE VALUE CORRECTED.		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.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 [0.51] MACHINED SURFACES: 125 INCH 3.2 mm

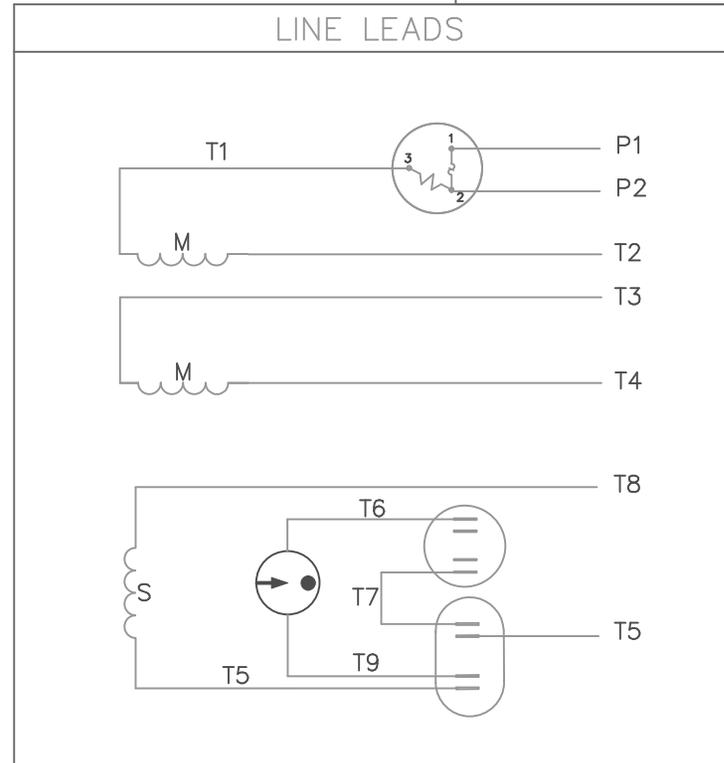
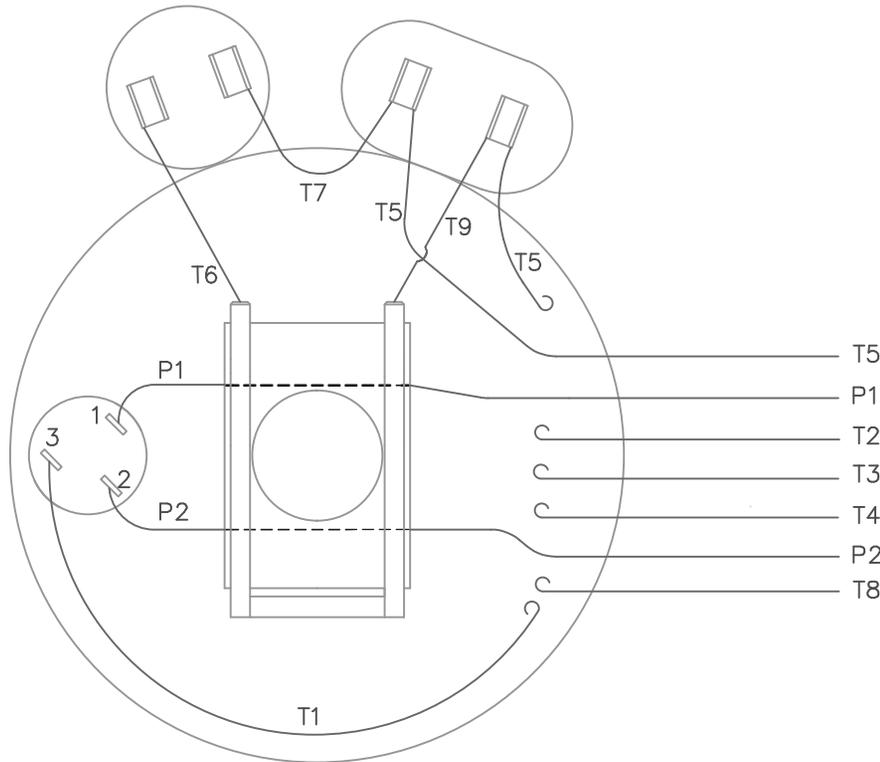
mm SHOWN IN [BRACKETS]

DRAWN BY PK	DATE 10/17/2016
APPROVED BY PK	DATE 10/17/2016
REFERENCE 032658.00	THIRD ANGLE PROJECTION

<b>REGAL</b> ™ Regal Beloit America, Inc.	
DESCRIPTION <b>OUTLINE</b> DRIP PROOF - RIGID 56H FRAME	
MATERIAL	PROCESS/FINISH
SIZE <b>B</b>	DRAWING NUMBER <b>607-0269</b>
	SHEET 1 OF 1

ORACLE PART REV.  
001

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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 OTHERWISE SPECIFIED	
				DECIMALS	
				.00	± .01
				.000	± .005
18	REDRAWN ON CAD	DBT	05/27/97	.0000	± .0005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

DRAWN JRW 09/26/74 TITLE EXTERNAL WIRING DIAGRAM  
CH'K'D. TYPE "K" W/PROTECTOR

APPR. TEM MAT'L. DECAL 004011 **BRF**

SCALE 1=1 REF. 005004 FINISH SIZE A DRAWING NO. 005053-01

FMF W-K 6341

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



CERTIFICATION DATA SHEET

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

CATALOG #: E113266.00

CONN. DIAGRAM: 005053.01

OUTLINE: 607-0269-800B

MOUNTING: F1 ONLY

WINDING #: K634339 DR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1725	56H	DP	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	13/6.5	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	83.8	3/4 LOAD EFF:	83.4	1/2 LOAD EFF:	82.5	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	89	3/4 LOAD PF:	88.3	1/2 LOAD PF:	80.5	81.5		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	94.4 / 47.2	12.43 LB-FT 276 %	13.26 LB-FT 295 %	69.9

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.14 LB-FT^2	0 LB-FT^2	0 SEC.	0	43 LBS.

\*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL OR SHAFT DOWN	FALSE	NONE	FALSE	NONE	GREEN - LEESON WATTS AVER

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

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

\*  
N  
O  
T  
E

<b>INVERTER TORQUE:</b> NONE
<b>INV. HP SPEED RANGE:</b> NONE
<b>ENCODER:</b> NONE
NONE NONE
NONE NONE PPR
<b>BRAKE:</b> NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



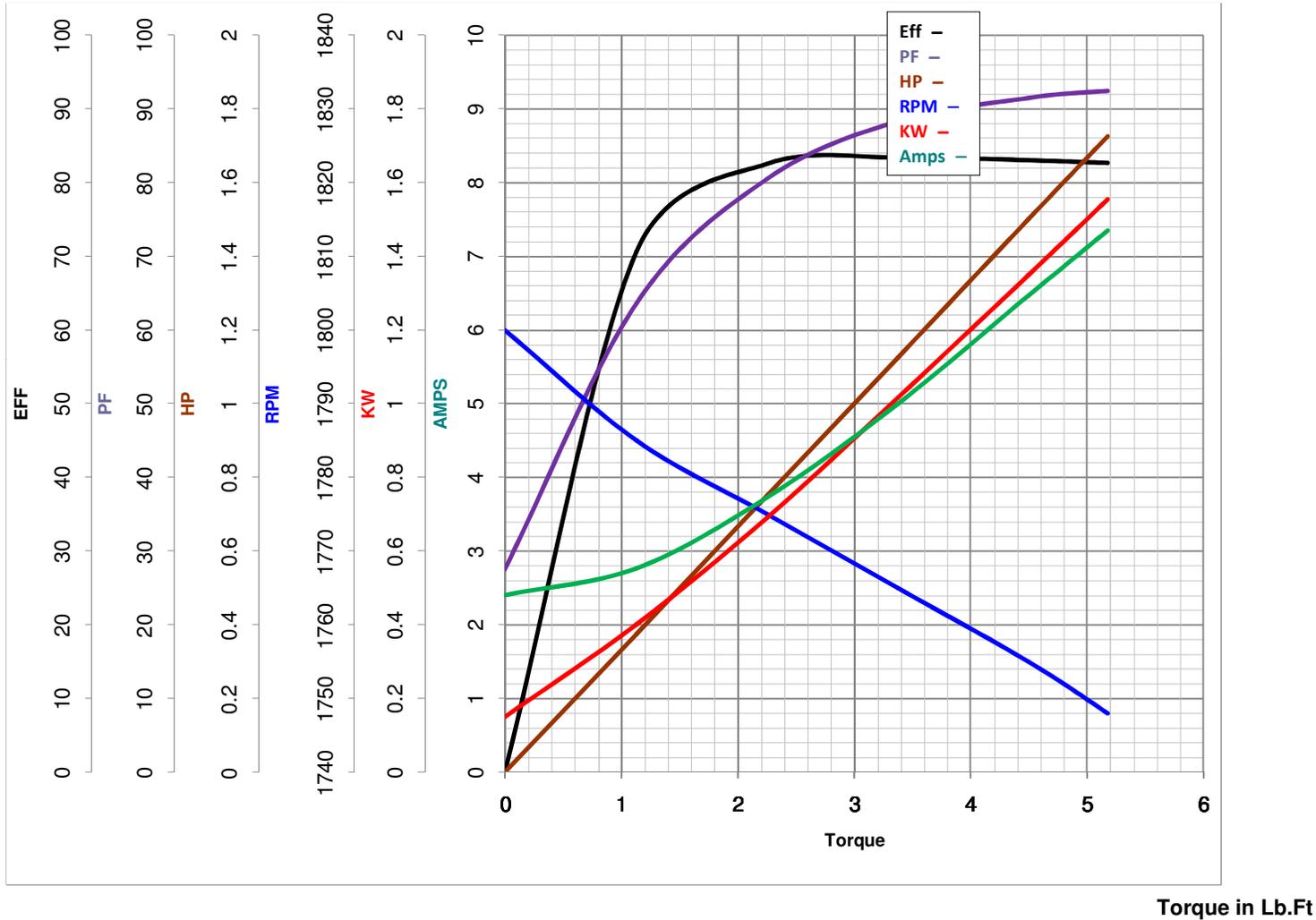
**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E113266.00

Curve at 230 Volts      HP 1.50      PHASE 1  
60 HZ  
1.5 HP      VOLTS 115/230

Catalog No E113266.00

HZ 60      RPM 1725



FL TORQUE 4.5 Lb.Ft  
 BD TORQUE 13.3 Lb.Ft  
 LR TORQUE 12.43 Lb.Ft

FL AMPS 13/6.5  
 PU TORQUE 11.2 Lb.Ft  
 LR AMPS 47.2

WINDING K634339-3

Date 4/11/2018