

PRODUCT INFORMATION PACKET



Model No: E113700.00

Catalog No: E113700.00

ecoSaver™ General Purpose Motor, 1.50 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56HC Frame, DP

Operational at 208-115/230 V @60HZ



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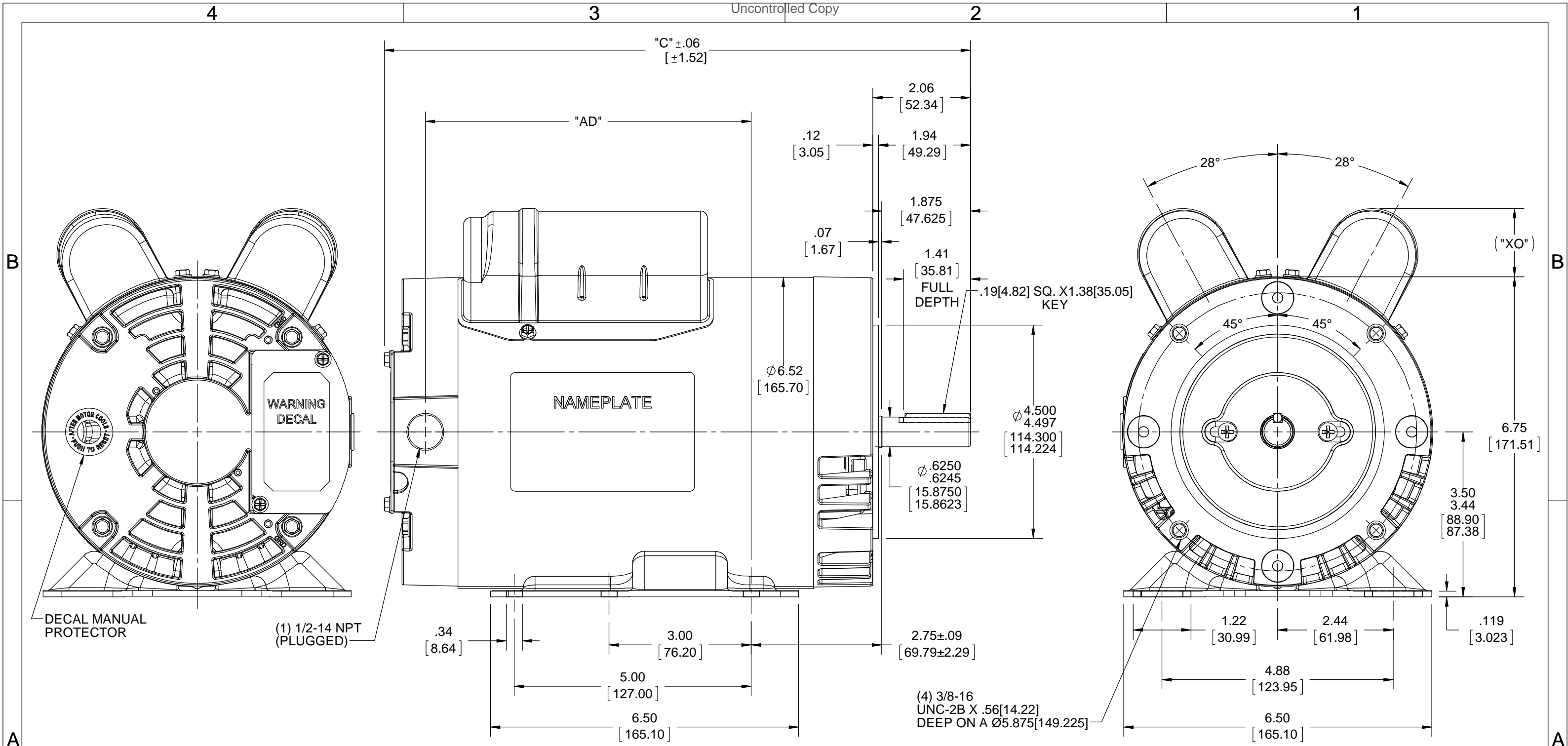


Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56HC	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	L	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	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	607-0265-800B	Connection Drawing	005053.01



MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

DASH NO.	"C"	"AD"	CAP DASH	"XO"
500	9.87[250.69]	4.38[111.25]		
550	10.37[263.39]	4.88[123.95]		
600	10.87[276.09]	5.38[136.65]		
650	11.37[288.79]	5.88[149.35]	A	1.15[39.37]
700	11.87[301.49]	6.38[162.05]	B	1.44[36.57]
750	12.37[314.19]	6.88[174.75]	C	1.82[46.22]
800	12.87[326.89]	7.38[187.45]		

DRAWING REVISION	REVISION BY	DATE
B	A.KEETHA	05/02/2018
ECO	APPROVED BY	DATE
ECO-0148230	PK	07/05/2018

ECO DESCRIPTION
OUTLINE CONVERSION PROJECT
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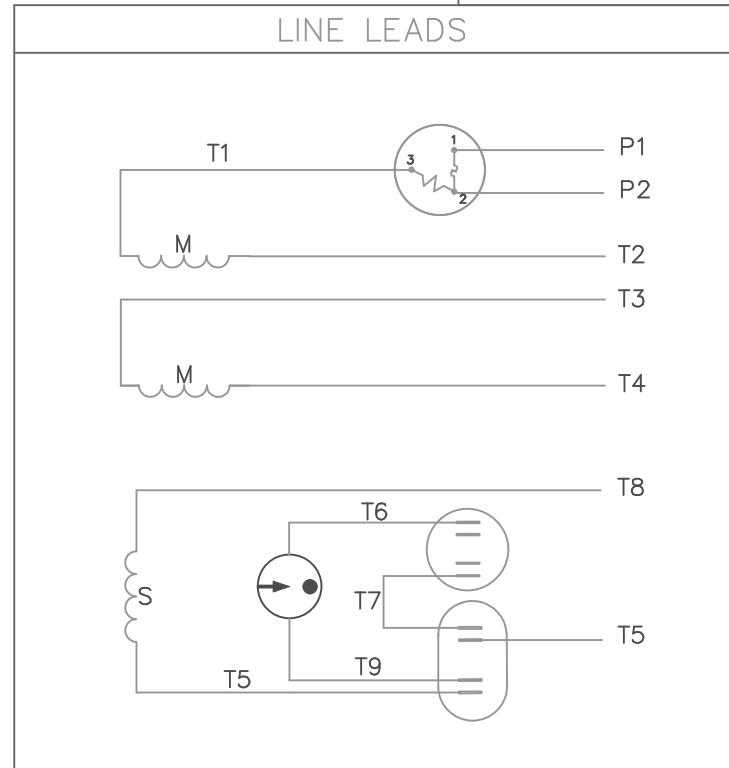
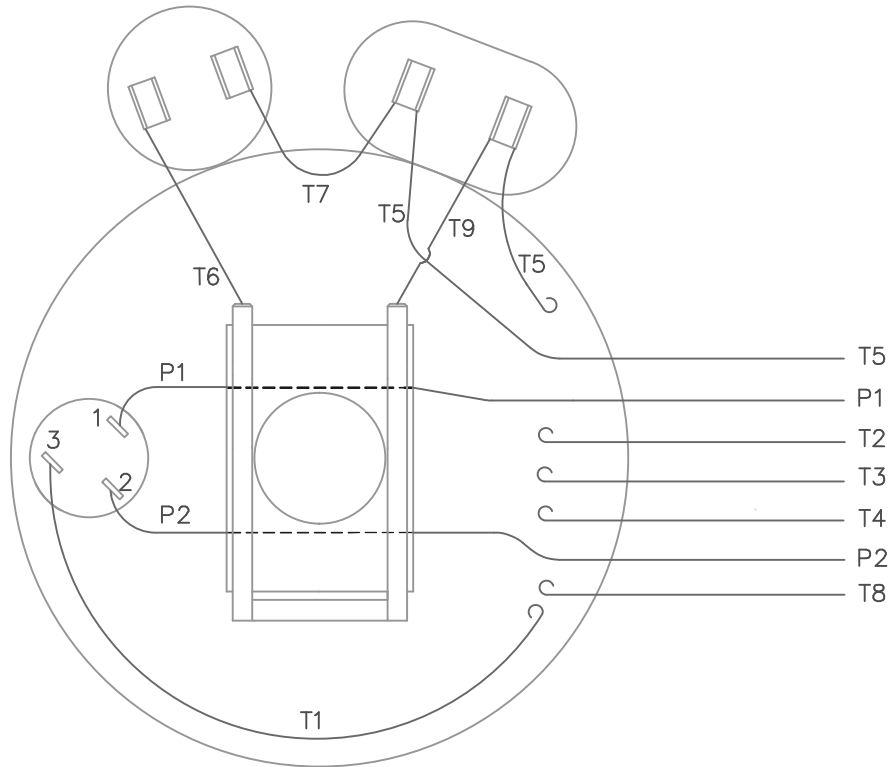
TOLERANCES UNLESS OTHERWISE SPECIFIED:

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 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]

DRAWN BY	PK	REGAL™	Regal Beloit America, Inc.
DATE	08/29/2016	DESCRIPTION	
APPROVED BY		OUTLINE	
DATE		56H FRAME DRIP PROOF C-FACE	
REFERENCE	607-0265	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE	DRAWING NUMBER
		B	607-0265
			SHEET 1 OF 1

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 TYPE "K" W/PROTECTOR
CH'K'D.	MAT'L.	DECAL 004011
APPR. TEM	SCALE 1=1	BRF
REF. 005004	FINISH	
FMF W-K 6341	SIZE A	DRAWING NO. 005053-01

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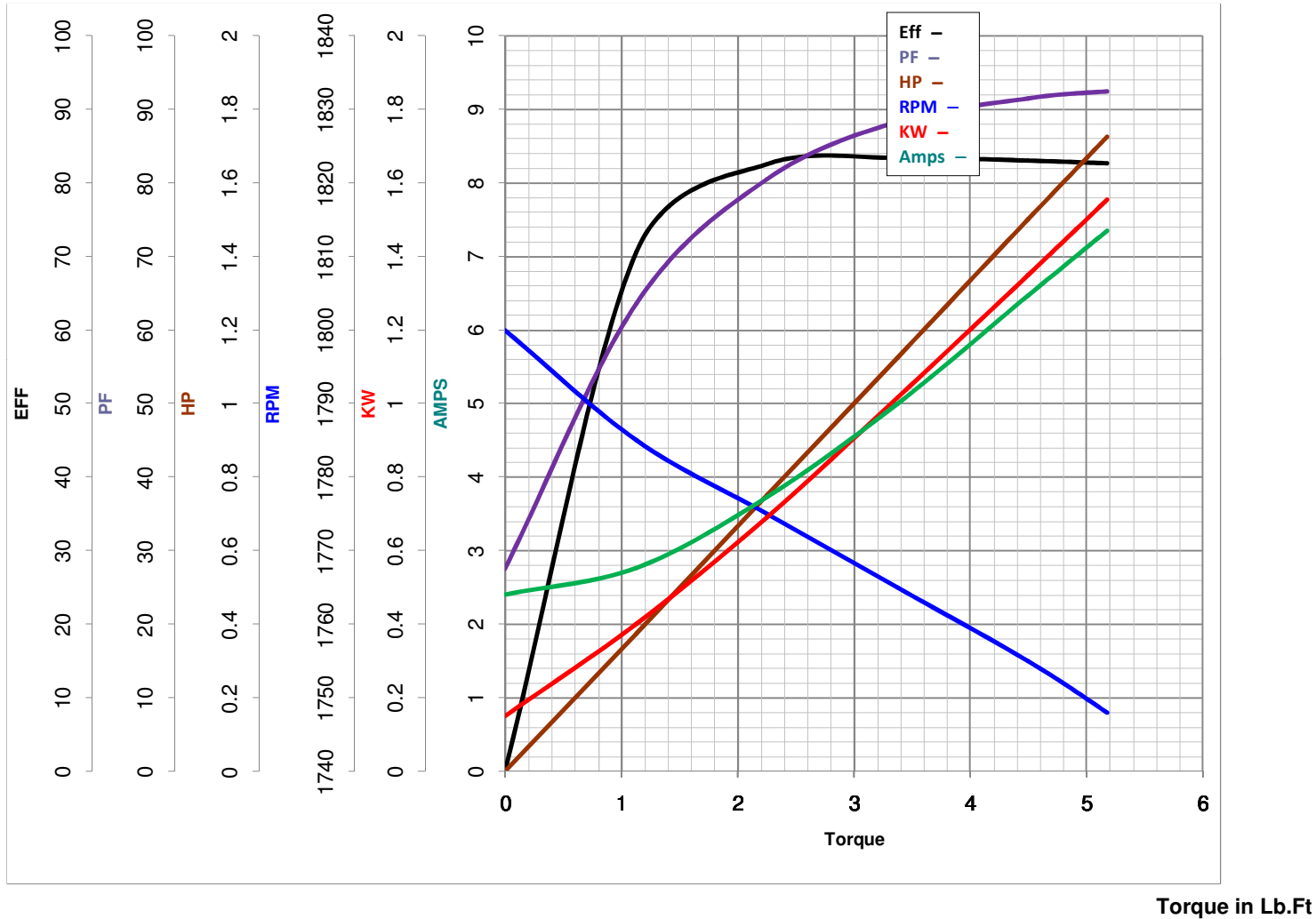
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E113700.00

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

Catalog No E113700.00

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 3/26/2018