

PRODUCT INFORMATION PACKET



Model No: 113921.00

Catalog No: 113921.00

Special Voltage Motor, 0.33 HP, 1 Ph, 50 Hz, 110/220 V, 1500 RPM, 56C Frame, TEFC



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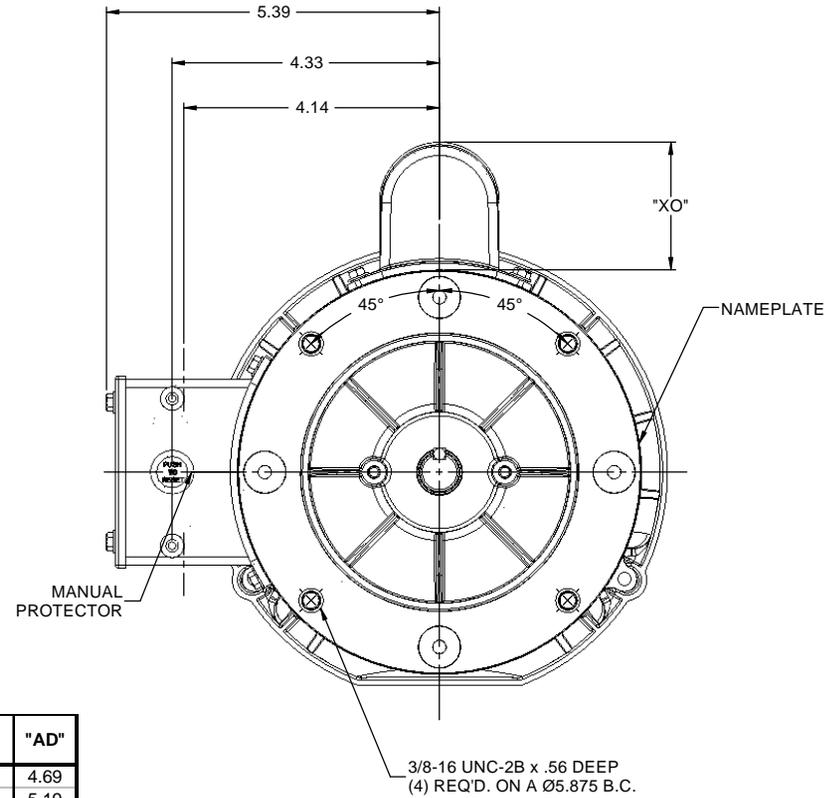
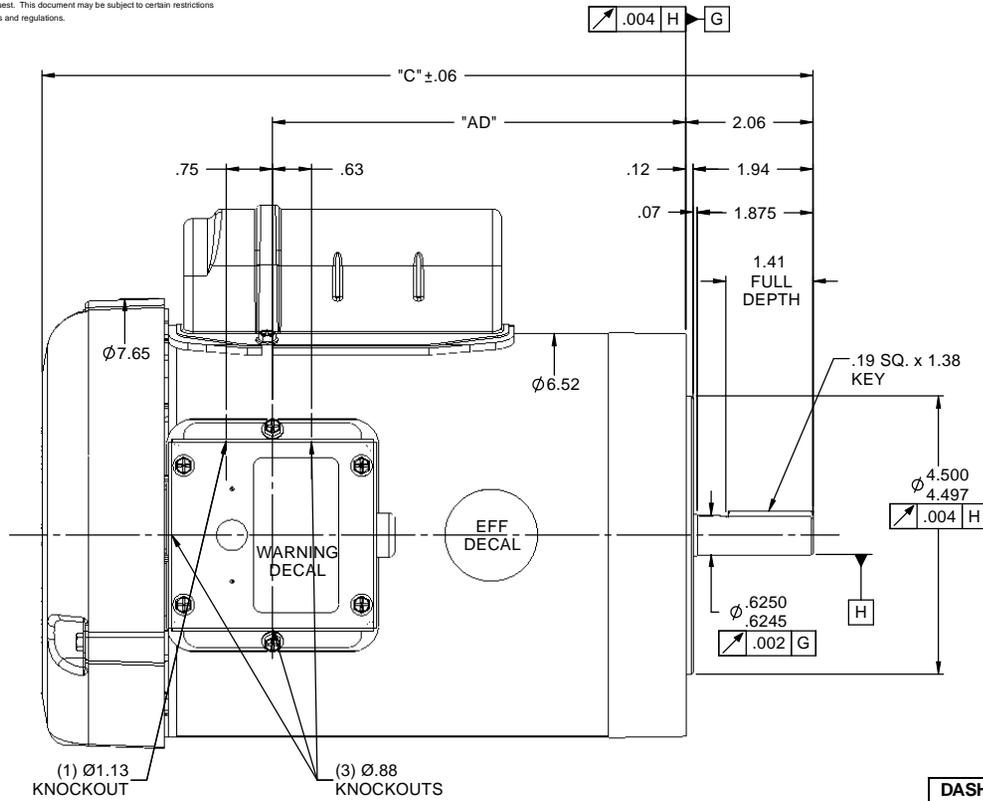
Nameplate Specifications

Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	110/220 V
Speed	1425 rpm	Service Factor	1
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	65.3 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	6.4/3.2 A	Power Factor	60.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 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	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 Drawing	005382.02

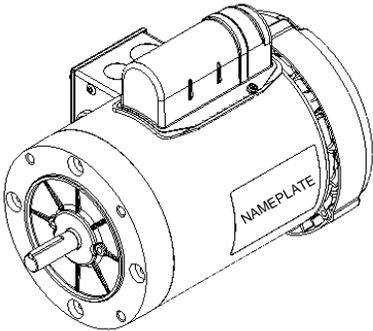
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DASH NO.	"C"	"AD"
500	10.48	4.69
550	10.98	5.19
600	11.48	5.69
650	11.98	6.19
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69
850	13.98	8.19

CAP DASH	"XO"
A	1.61
B	2.08
C	2.32

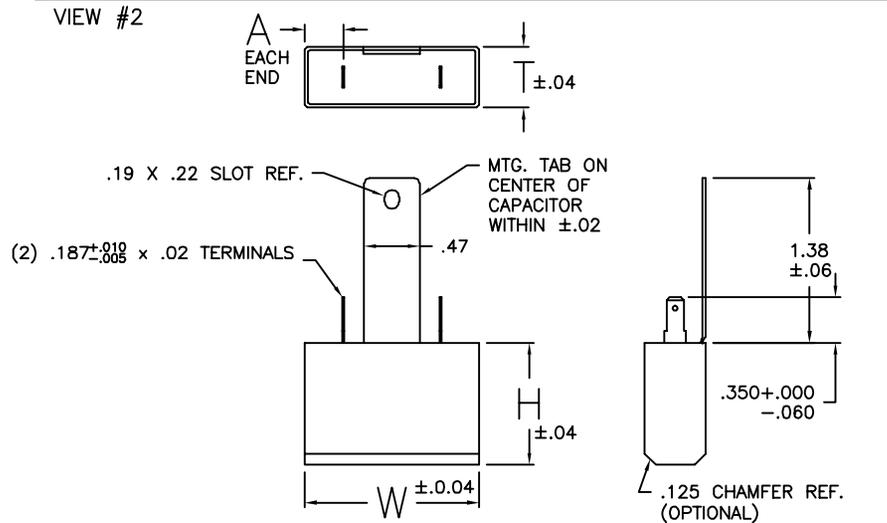
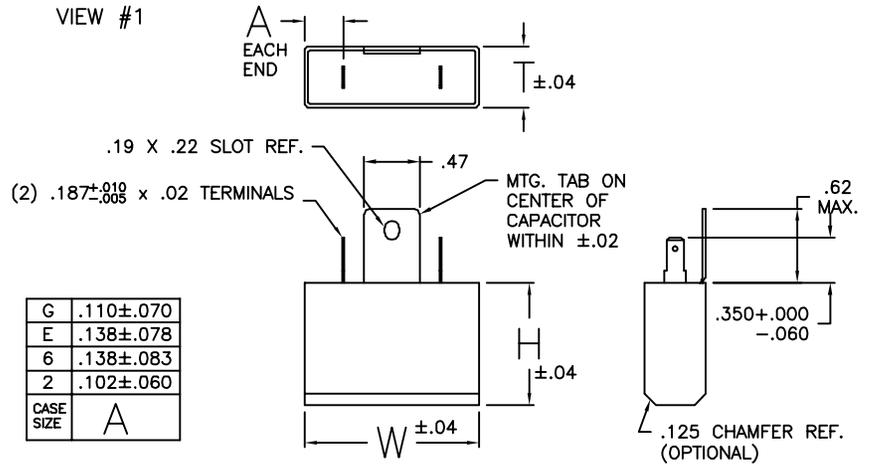
NOTES:
 1) GASKETS THROUGHOUT



		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

REV	REFERENCE ECN	REFERENCE PROJECT	REV BY	DATE	APPD	DATE
J.00	ECN-01172301	PRJ-01172301	sbowli	10-13-2005		

60P84



NOTES:

1. U.L. RECOGNIZED CAPACITOR. UL MARKING TO BE STAMPED ON CAPACITORS.
2. METALLIZED POLYPROPYLENE CAPACITOR.
3. MAX. OPERATING TEM. -85° C.
4. POTTING COMPOUND CAN BE EITHER BLACK (URETHANE) OR BLUE (POLYURETHANE).

22	3	250	.58	1.02	1.44	1	JE2E032	2
21	3	370	.75	1.15	1.46	1	JF1G095	G
20	OBSOLETE							
19	6	250	.58	1.02	1.44	2	JF1G072	2
18	2.5	250	.58	1.02	1.44	1	JE2C005	2
17	5	250	.58	1.02	1.44	2	JF1G072	2
16	2	370	.75	1.15	1.46	1	JE2F032	G
15	2	250	.58	1.02	1.44	1	JE2E020	2
14	OBSOLETE							
13	6	250	.58	1.02	1.44	1	JE2F025	2
12	10	250	.75	1.15	1.46	1	CE2F014	G
11	5	250	.58	1.02	1.44	1	JE1E017	2
10	4	250	.58	1.02	1.44	1	JE1D006	2
9	7.5	250	.75	1.15	1.46	1	JE1E015	G
8	4	370	.88	1.26	2.11	1	JE1D006	6
7	5	370	.88	1.26	2.11	1	JE1E017	6
6	6	370	.88	1.26	2.11	1	JE1E016	6
5	7.5	370	.93	1.40	2.30	1	JE1E015	E
4	5	370	.88	1.26	2.11	2	JE1H030	6
3	OBSOLETE							
2	4	250	.58	1.02	1.44	1	JE1E011	2
1	15	250	.88	1.26	2.11	1	JE2G071	6
GR. NO.	MFD \pm 10%	VAC	T	H	W	VIEW	FIRST USED ON	CASE SIZE

USE GRP. 10

GEOMETRIC CHARACTERISTICS & SYMBOLS

- ▭ FLATNESS
- STRAIGHTNESS
- ∠ ANGULARITY
- ⊥ PERPENDICULARITY (SQUARENESS)
- // PARALLELISM
- ROUNDNESS (CIRCULARITY)
- ⊘ CYLINDRICITY
- △ PROFILE OF ANY SURFACE
- ∩ PROFILE OF ANY LINE
- ↗ RUNOUT
- ⊕ TRUE POSITION
- ◎ CONCENTRICITY
- ≡ SYMMETRY

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:

X XX XXX XXXX

INCH \pm .1 \pm .02 \pm .005 \pm .0005

mm \pm 0.5 \pm 0.13 \pm 0.013

ANG. \pm .50 DEG

REMOVE BURRS & BREAK SHARP EDGES:

INCH .003-.015 mm 0.1-0.4

CORNER FILLETS TO:

INCH .020 mm 0.5

MACHINE SURFACES:

INCH 125 mm 3:2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: jimerm 12-03-2002

APPD:

THIRD ANGLE PROJECTION

EDS DATE
FORMAT REV B

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ELECTRICAL PRODUCTS COMPANY
TIPP CITY, OHIO

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DESCRIPTION
DRY FILM CAPACITOR
60P84

SCALE NONE

DWG NO 00538202

SHEET 1



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005382.02

CATALOG #: 113921.00

OUTLINE: 028875-550A

MOUNTING: F1 ONLY

WINDING #: C634270 FR 4 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1500	1425	56C	TEFC	L	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	50	110/220	6.4/3.2	ACROSS THE LINE	CONTINUOUS	B4	1.0	40

FULL LOAD EFF:	65.3	3/4 LOAD EFF:	61.3	1/2 LOAD EFF:	53.4	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	60.5	3/4 LOAD PF:	48.6	1/2 LOAD PF:	39.1	62		CAP START IND RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
19.29 OZ-FT	29.8 / 14.9	73.46 OZ-FT 0 %	57.3 OZ-FT 0 %	59

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.05 LB-FT^2	0 LB-FT^2	10 SEC.	0	24 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	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
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T
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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
FT-LB NONE V NONE Hz

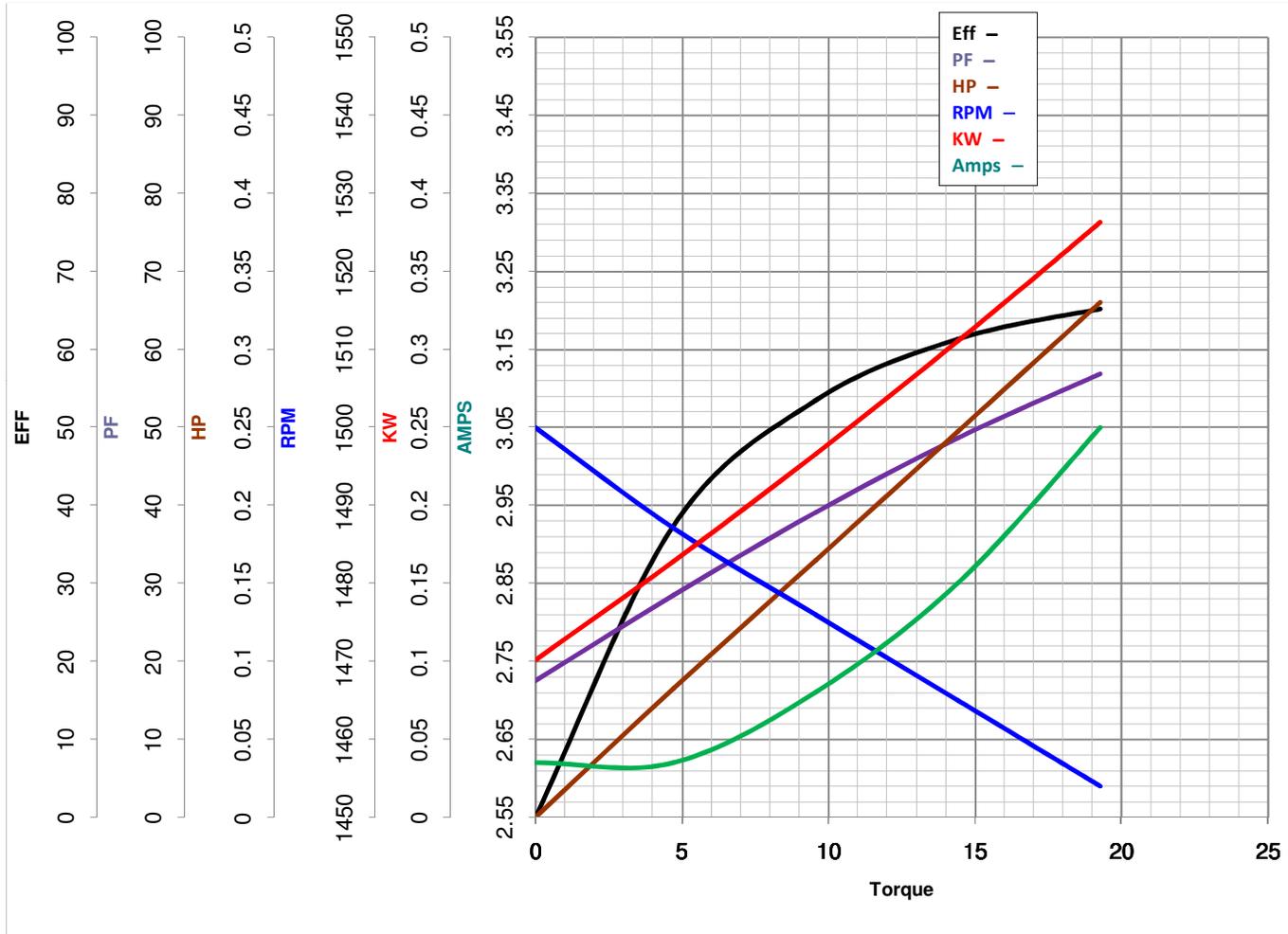


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

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

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 113921.00

(Model No. may contain prefix and/or suffix characters)

Catalog No : 113921.00

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

CE 25