

PRODUCT INFORMATION PACKET



Model No: 113923.00

Catalog No: 113923.00

Special Voltage Motor, 0.75 HP, 1 Ph, 50 Hz, 110/220 V, 1500 RPM, 56C Frame, TEFC



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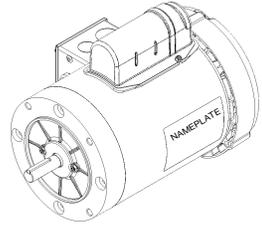
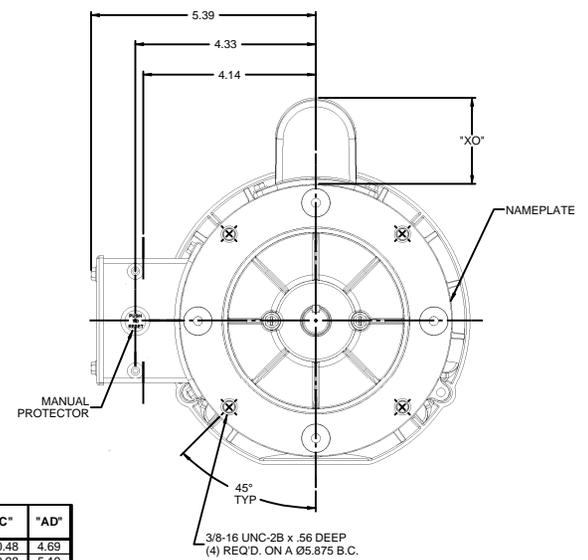
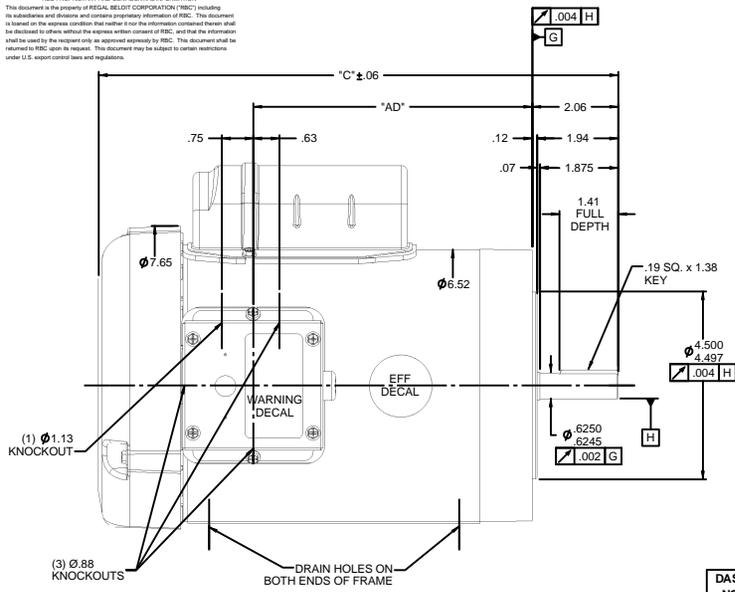
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	50 Hz	Voltage	110/220 V
Current	11.8/5.9 A	Speed	1425 rpm
Service Factor	1	Phase	1
Efficiency	68 %	Power Factor	66
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	J
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
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	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	005382.02	Outline Drawing	028980-650B

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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

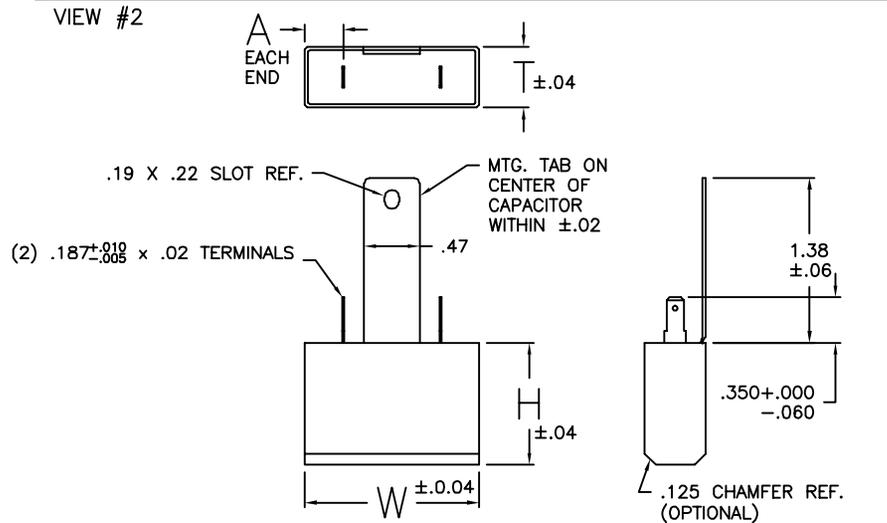
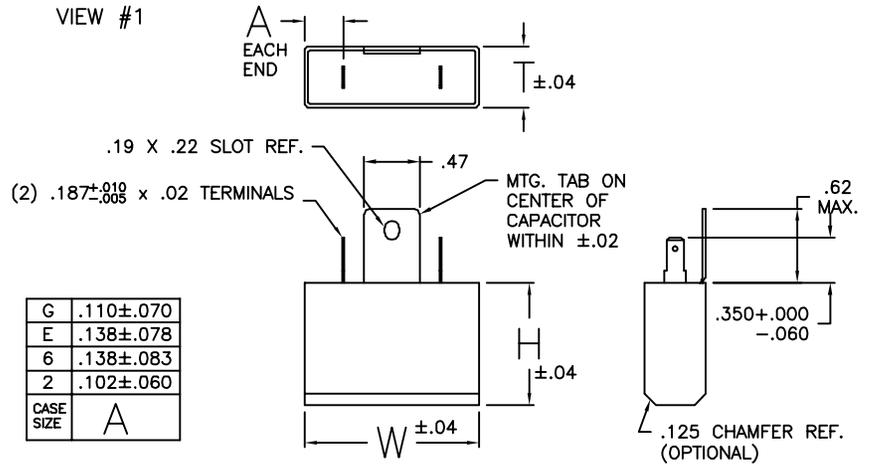
CAP DASH	"XO"
A	1.61
B	2.08
C	2.32

NOTES:
 1) GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN: SAD 10/21/09
		DEC.	INCHES			CHK: SK 10/21/09
		X	±.1			APPR:
		XX	±.03	TITLE: OUTLINE - 56C FRAME		SCALE: 1:2
		XXX	±.005	MATERIAL: TEFC - "C" FACE		REF: 028875 & 028866
		XXXX	±.0005	FINISH:		PMF:
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	PAGE: QF
			REP: 10/21/09	FINISH: RSEV	SIZE: B	DRAWING NO: 028980
		THIRD ANGLE PROJECTION		NETWORK FILE NAME:		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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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 #: 113923.00

OUTLINE: 028980-650B

MOUNTING: F1 ONLY

WINDING #: C634265 FR 6 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1500	1425	56C	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	50	110/220	11.8/5.9	ACROSS THE LINE	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	68	3/4 LOAD EFF:	65	1/2 LOAD EFF:	59.1	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	66	3/4 LOAD PF:	57.8	1/2 LOAD PF:	46.4	64	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
43.6 OZ-FT	53.4 / 26.7	144.8 OZ-FT 0 %	107.1 OZ-FT 0 %	75

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

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

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 : 113923.00

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

Catalog No : 113923.00

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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22