

PRODUCT INFORMATION PACKET



Model No: E119362.00

Catalog No: E119362.00

ecoSaver™ General Purpose Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, DP



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Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.25
Frame	56	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	81.8 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.6/3.3 A	Power Factor	97.2
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	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	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	13.21 in
Frame Length	7.44 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	E119362	Connection Drawing	D0000435-001



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

CERTIFICATION DATA SHEET

CATALOG #: E119362.00

CONN. DIAGRAM: D0000435-001

OUTLINE: E119362

MOUNTING: F1 ONLY

WINDING #: SS0053728 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56	DP	L	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	6.6/3.3	ACROSS THE LINE	CONTINUOUS	B3	1.25	40

FULL LOAD EFF:	81.8	3/4 LOAD EFF:	71.5	1/2 LOAD EFF:	60	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	97.2	3/4 LOAD PF:	97	1/2 LOAD PF:	95	78.5		CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
48 OZ-FT	61.2 / 30.6	152 OZ-FT 422 %	132.3 OZ-FT 368 %	90

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 LB-FT^2	1.5 LB-FT^2	10 SEC.	2	40 LBS.

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

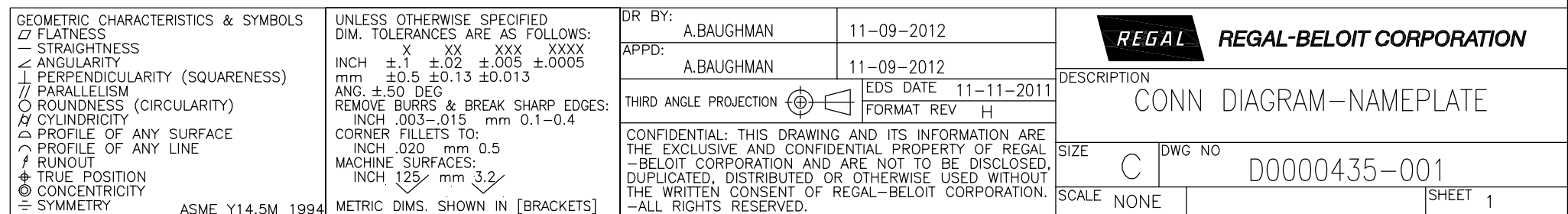
DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

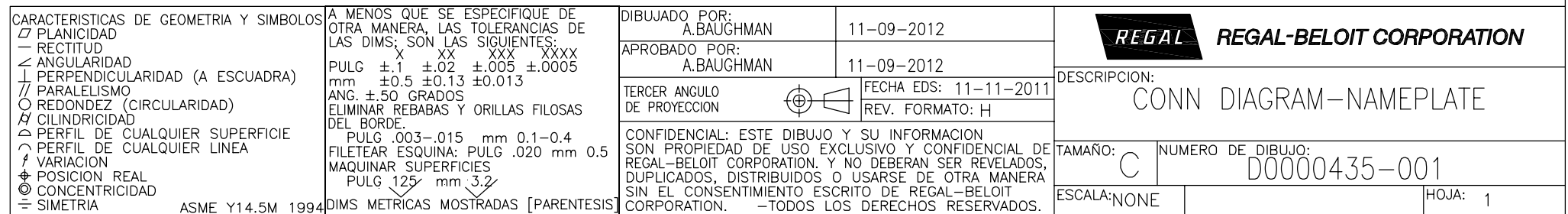
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	AISI 1215 (MS1000)	ROLLED STEEL
6203	6203						

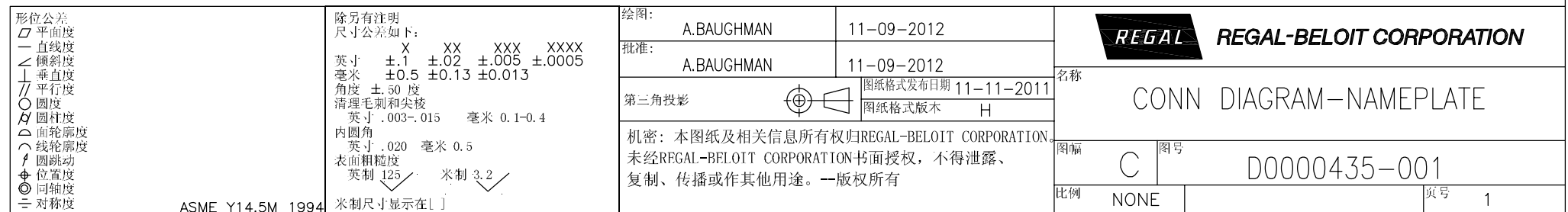
THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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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









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THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

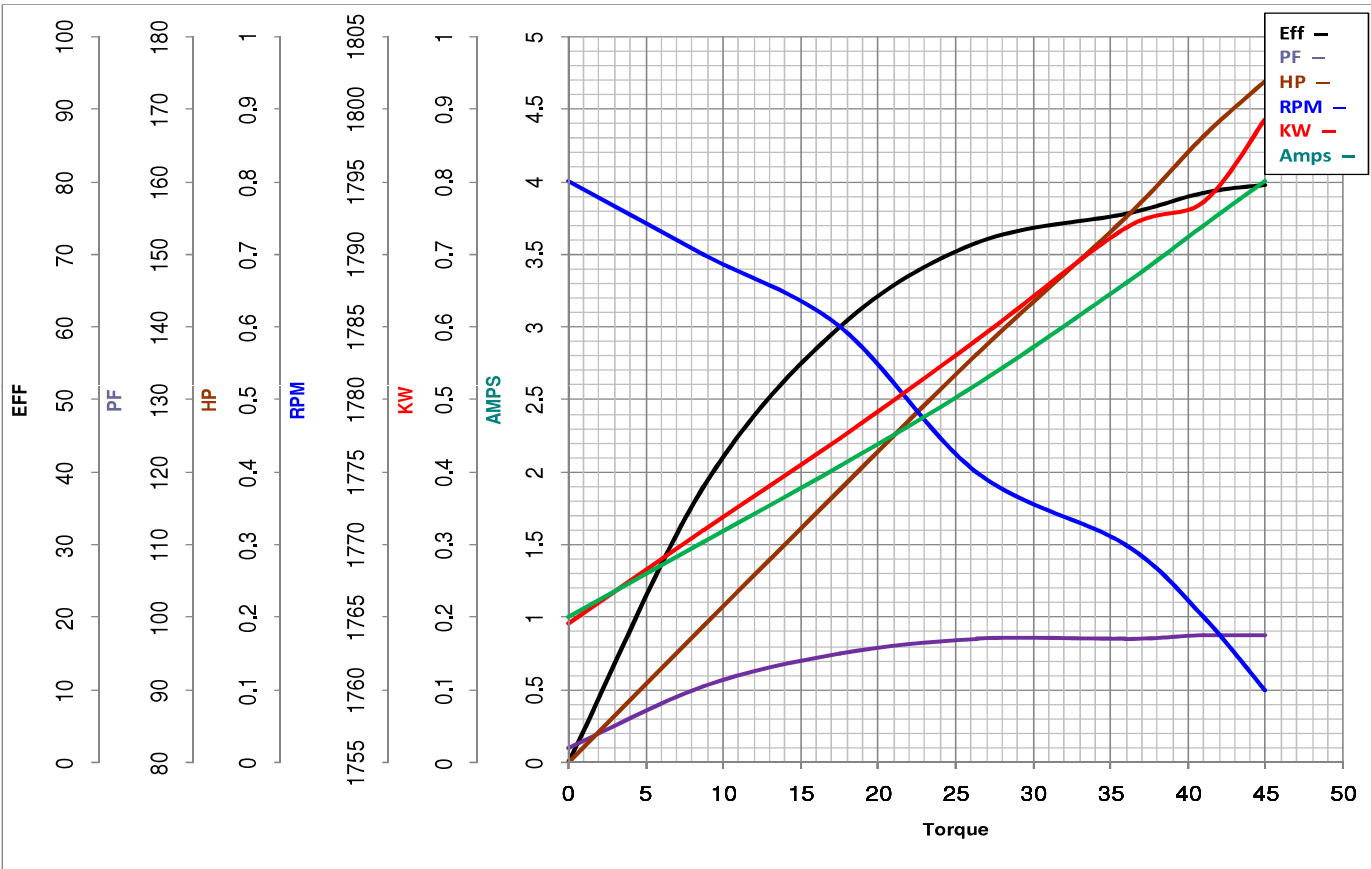
ENCODER: NONE
NONE NONE
NONE NONE PPR

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 E119362.00Curve at 230
60
0.75Volts
HZ
HPHP 0.75PHASE 1VOLTS 115/230HZ 60RPM 1725Catalog No E119362.00

Torque in Oz.Ft

FL TORQUE 36 Oz.Ft
 BD TORQUE 132.3 Oz.Ft
 LR TORQUE 152 Oz.Ft
 WINDING SS0053728-3

FL AMPS 6.6/3.3
 PU TORQUE 152.0 Oz.Ft
 LR AMPS 30.6
 Date 3/11/2019

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 : E119362.00

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

Catalog No : E119362.00

Rework No : N/A

Directives :

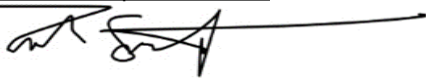
Low Voltage Directive 2014/35/EU

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

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