

# 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

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>6.6/3.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.25</b>	Phase	<b>1</b>
Efficiency	<b>81.8 %</b>	Power Factor	<b>97.2</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>N</b>	KVA Code	<b>L</b>
Frame	<b>56</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Capacitor Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Resistance Main	<b>1.9 Ohms</b>	Mounting	<b>Resilient Base</b>
Motor Orientation	<b>HORIZONTAL</b>	Drive End Bearing	<b>BALL</b>
Opp Drive End Bearing	<b>BALL</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>NEMA 56</b>	Overall Length	<b>13.21 in</b>
Frame Length	<b>7.44 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>1.88 in</b>	Assembly/Box Mounting	<b>F1 Only</b>
Connection Drawing	<b>D0000435-001</b>	Outline Drawing	<b>E119362</b>

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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012

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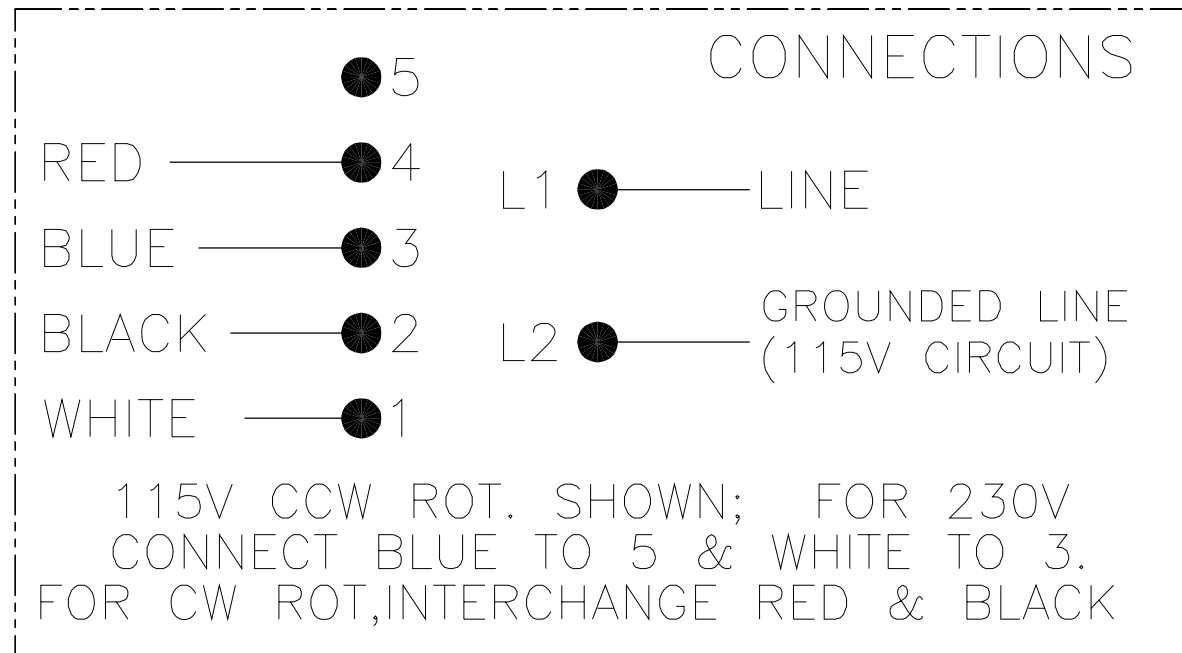
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<p>GEOMETRIC CHARACTERISTICS &amp; SYMBOLS</p> <ul style="list-style-type: none"> <li>▭ FLATNESS</li> <li>— STRAIGHTNESS</li> <li>∠ ANGULARITY</li> <li>⊥ PERPENDICULARITY (SQUARENESS)</li> <li>// PARALLELISM</li> <li>○ ROUNDNESS (CIRCULARITY)</li> <li>⊘ CYLINDRICITY</li> <li>△ PROFILE OF ANY SURFACE</li> <li>∩ PROFILE OF ANY LINE</li> <li>⌀ RUNOUT</li> <li>⊕ TRUE POSITION</li> <li>◎ CONCENTRICITY</li> <li>≡ SYMMETRY</li> </ul> <p>ASME Y14.5M 1994</p>	<p>UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:</p> <p>INCH X XX XXX XXXX                  ±.1 ±.02 ±.005 ±.0005                  mm ±0.5 ±0.13 ±0.013</p> <p>ANG. ±.50 DEG                  REMOVE BURRS &amp; BREAK SHARP EDGES:                  INCH .003-.015 mm 0.1-0.4</p> <p>CORNER FILLETS TO:                  INCH .020 mm 0.5</p> <p>MACHINE SURFACES:                  INCH 125 mm 3.2</p> <p>METRIC DIMS. SHOWN IN [BRACKETS]</p>	DR BY:	A.BAUGHMAN	11-09-2012	<b>REGAL-BELOIT CORPORATION</b>				
		APPD:	A.BAUGHMAN	11-09-2012		DESCRIPTION	CONN DIAGRAM-NAMEPLATE		
		THIRD ANGLE PROJECTION		EDS DATE	11-11-2011	SIZE	C	DWG NO	D0000435-001
		<p>CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.</p>				SCALE	NONE	SHEET	1

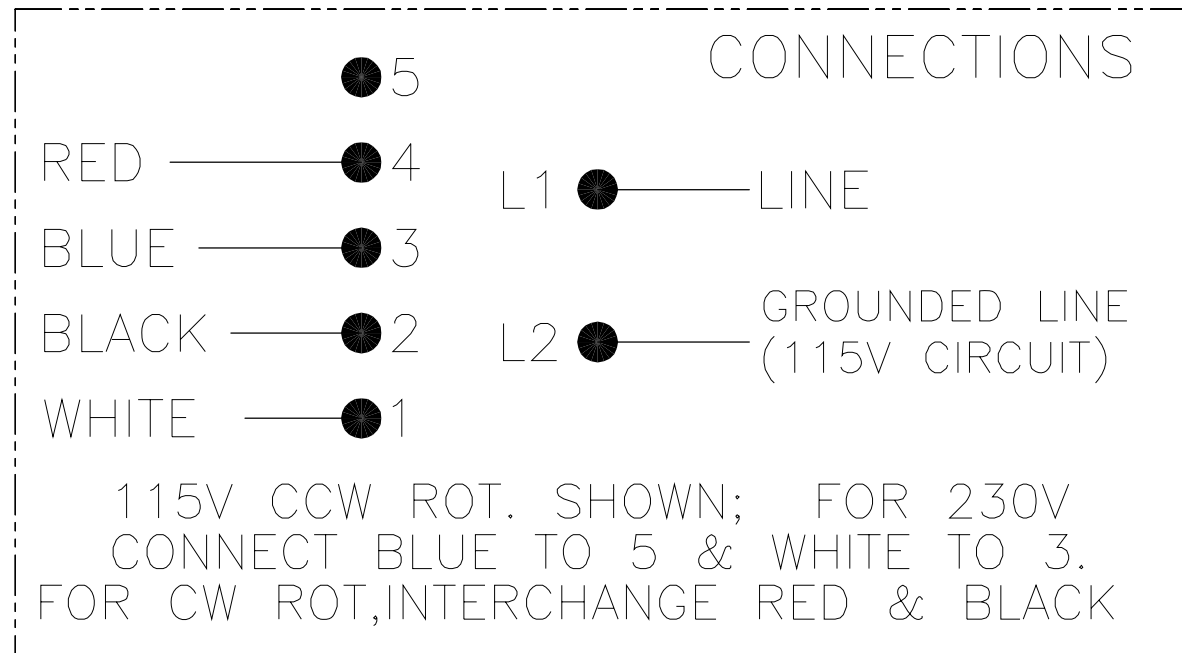
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS □ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ∅ CILINDRICIDAD △ PERFIL DE CUALQUIER SUPERFICIE ∩ PERFIL DE CUALQUIER LINEA ↗ VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD = SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES: X    XX    XXX    XXXX PULG ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ± 50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG 125 mm 3.2	DIBUJADO POR: A.BAUGHMAN	11-09-2012	<b>REGAL-BELOIT CORPORATION</b>		
		APROBADO POR: A.BAUGHMAN	11-09-2012		DESCRIPCION: CONN DIAGRAM-NAMEPLATE	
		TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011	TAMAÑO: C	NUMERO DE DIBUJO: D0000435-001
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION. -TODOS LOS DERECHOS RESERVADOS.		ESCALA: NONE	HOJA: 1	

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版本	ECO	编制	日期	批准	日期
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012

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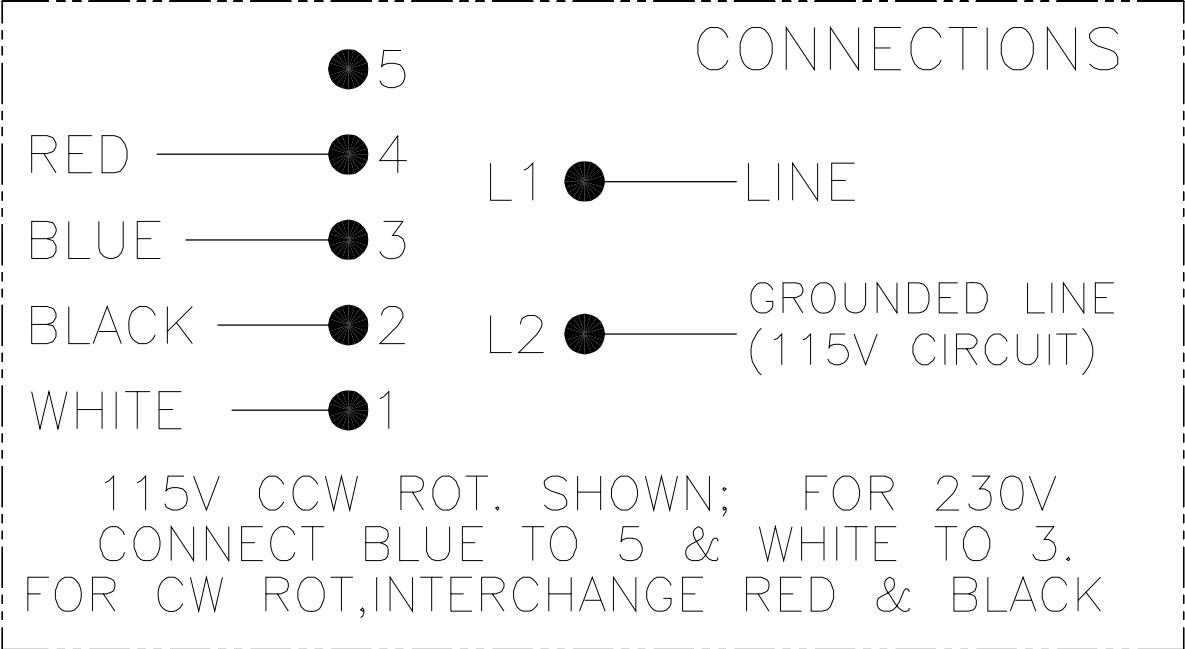
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形位公差 □ 平面度 — 直线度 < 倾斜度 ⊥ 垂直度 // 平行度 ○ 圆度 ⊙ 圆柱度 ⌒ 面轮廓度 △ 线轮廓度 ↗ 圆跳动 ⊕ 位置度 ⊙ 同轴度 ≡ 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在L	绘图: A.BAUGHMAN 11-09-2012 批准: A.BAUGHMAN 11-09-2012 第三角投影  图纸格式发布日期 11-11-2011 图纸格式版本 H	<b>REGAL-BELOIT CORPORATION</b> 名称 CONN DIAGRAM-NAMEPLATE
	ASME Y14.5M 1994	机密: 本图纸及相关信息所有权归REGAL-BELOIT CORPORATION 未经REGAL-BELOIT CORPORATION书面授权, 不得泄露、 复制、传播或作其他用途。—版权所有	图幅 C 图号 D0000435-001
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**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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<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



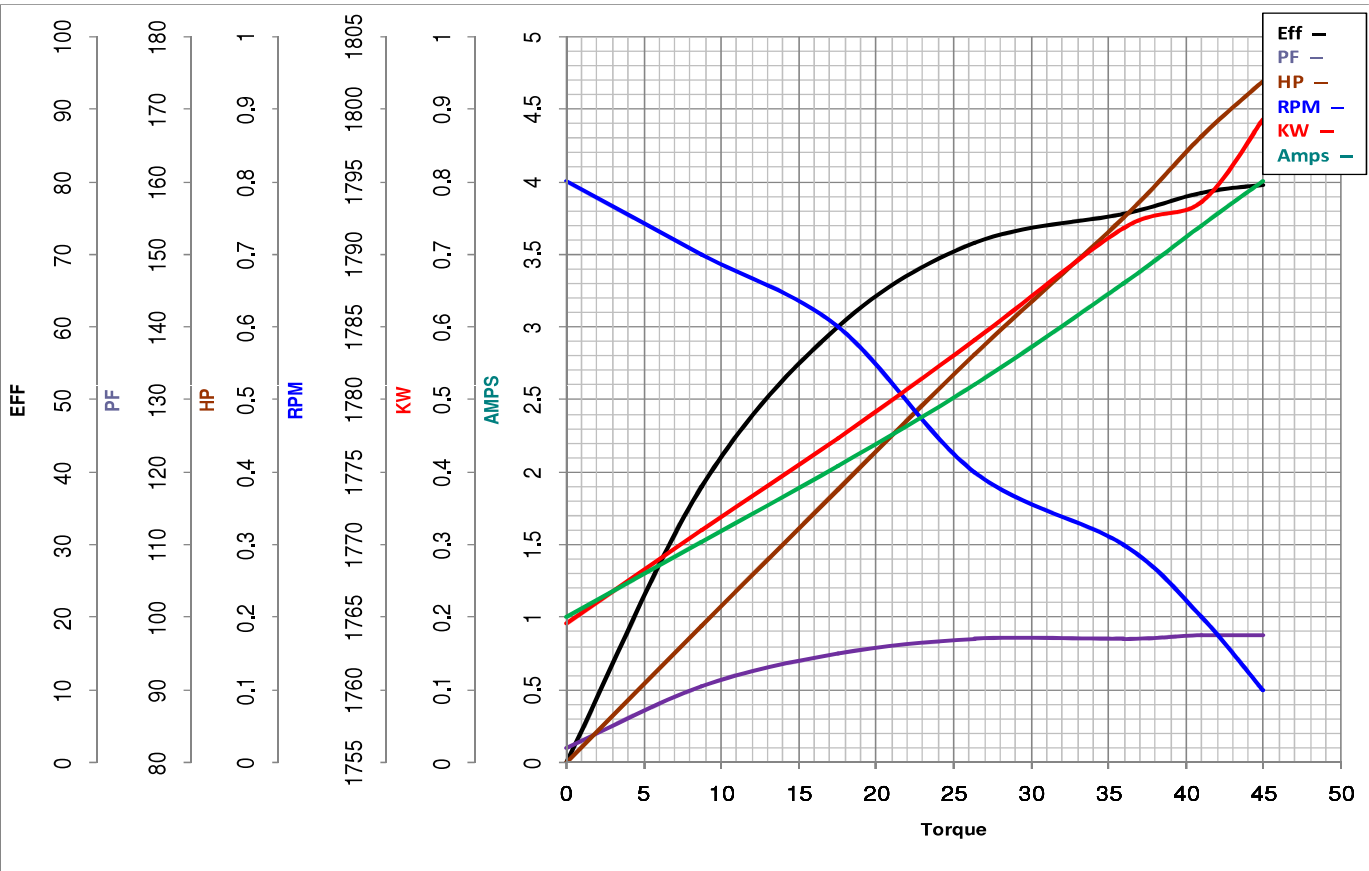
**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E119362.00

Curve at 230 Volts HP 0.75 PHASE 1  
60 HZ  
0.75 HP VOLTS 115/230

Catalog No E119362.00

HZ 60 RPM 1725



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  
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 : 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:



Michael A. Logsdon  
Vice President, Technology

Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/01/2022

**CE 22**