

PRODUCT INFORMATION PACKET



Model No: E119350.00
Catalog No: E119350.00
0.75 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56C Frame, ODP
General Purpose Motors



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Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.6/3.3 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	81.8 %	Power Factor	97.2
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
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	Rigid Base
Motor Orientation	HORIZONTAL	Drive End Bearing	BALL
Opp Drive End Bearing	BALL	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	13.08 in
Frame Length	7.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 Only
Outline Drawing	E119350	Connection Drawing	D0000435-001

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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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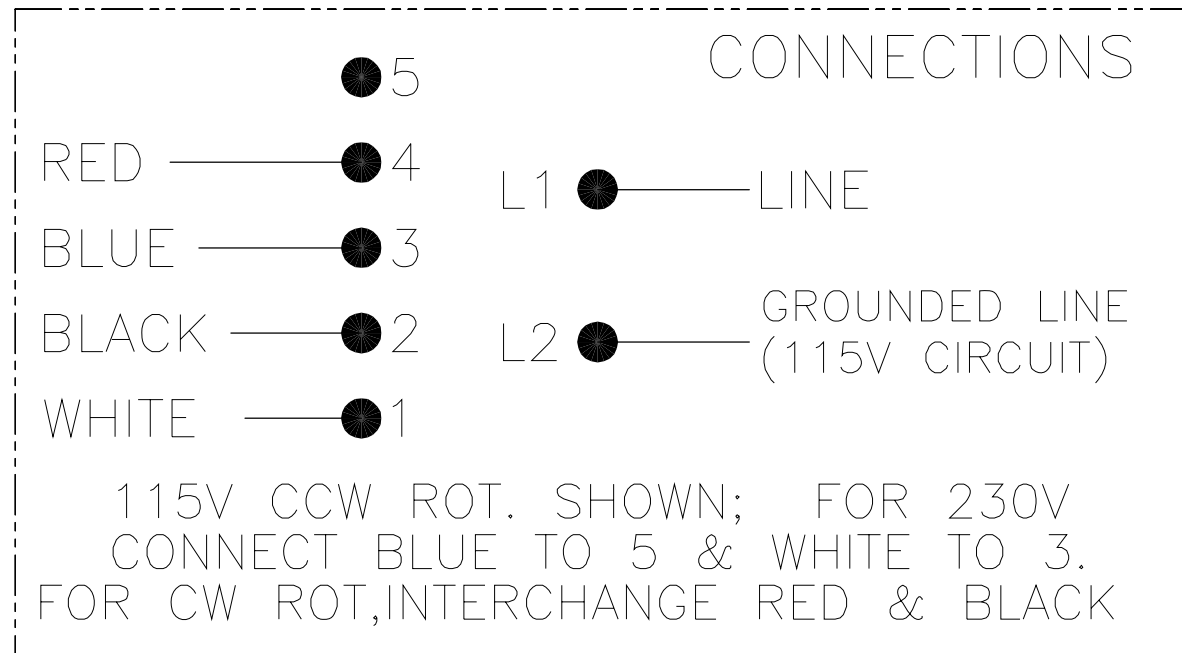
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<p>GEOMETRIC CHARACTERISTICS & SYMBOLS</p> <ul style="list-style-type: none"> ▭ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY △ PROFILE OF ANY SURFACE ∩ PROFILE OF ANY LINE ⊕ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY <p>ASME Y14.5M 1994</p>	<p>UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:</p> <p>INCH X XX XXX XXXX</p> <p> ±.1 ±.02 ±.005 ±.0005</p> <p>mm ±0.5 ±0.13 ±0.013</p> <p>ANG. ±.50 DEG</p> <p>REMOVE BURRS & BREAK SHARP EDGES:</p> <p> INCH .003-.015 mm 0.1-0.4</p> <p>CORNER FILLETS TO:</p> <p> INCH .020 mm 0.5</p> <p>MACHINE SURFACES:</p> <p> INCH 125 mm 3.2</p> <p>METRIC DIMS. SHOWN IN [BRACKETS]</p>	DR BY:	A.BAUGHMAN	11-09-2012	REGAL-BELOIT CORPORATION		
		APPD:	A.BAUGHMAN	11-09-2012		DESCRIPTION	CONN DIAGRAM-NAMEPLATE
		THIRD ANGLE PROJECTION		EDS DATE	11-11-2011	SIZE	C
		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.		FORMAT REV	H	DWG NO	D0000435-001
				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

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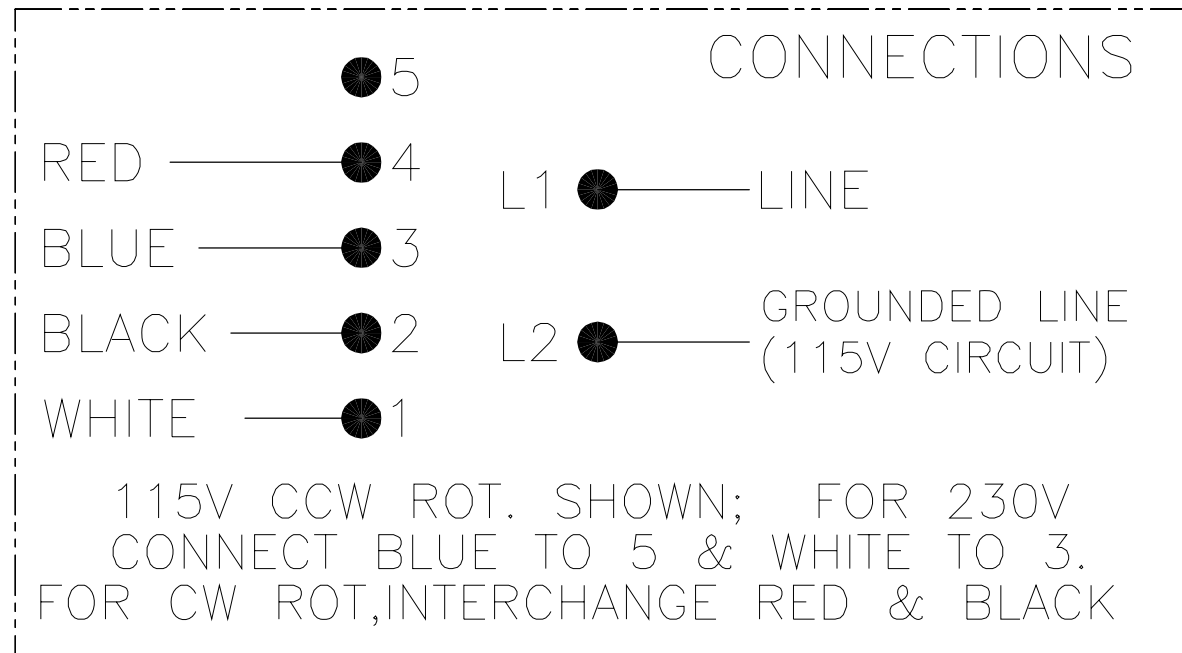
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS □ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ∅ CILINDRICIDAD △ PERFIL DE CUALQUIER SUPERFICIE ∩ PERFIL DE CUALQUIER LINEA ↗ VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD = SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES: PULG $\pm .1 \pm .02 \pm .005 \pm .0005$ mm $\pm 0.5 \pm 0.13 \pm 0.013$ 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 APROBADO POR: A.BAUGHMAN 11-09-2012 TERCER ANGULO DE PROYECCION FECHA EDS: 11-11-2011 REV. FORMATO: H	REGAL-BELOIT CORPORATION DESCRIPCION: CONN DIAGRAM-NAMEPLATE
	DIMS METRICAS MOSTRADAS [PARENTESIS]	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.	TAMAÑO: C NUMERO DE DIBUJO: D0000435-001
	ASME Y14.5M 1994	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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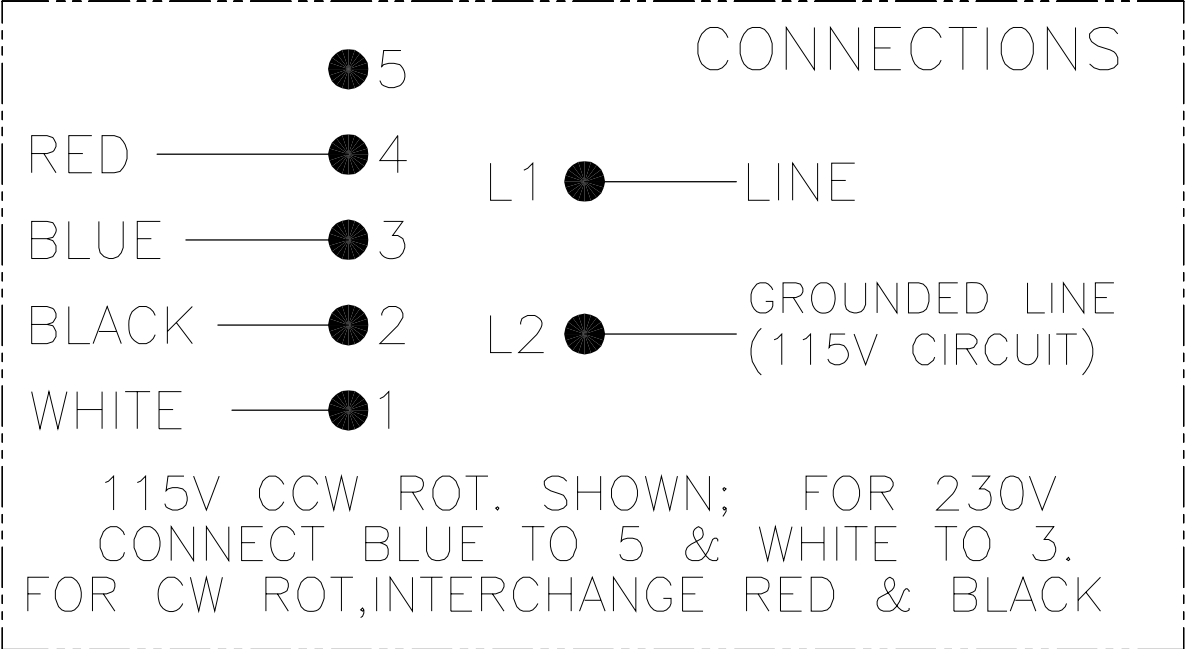
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形位公差 □ 平面度 — 直线度 < 倾斜度 ⊥ 垂直度 // 平行度 ○ 圆度 ⊙ 圆柱度 ⌒ 面轮廓度 △ 线轮廓度 ⤴ 圆跳动 ⊕ 位置度 ⊗ 同轴度 ≡ 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在L	绘图:	A.BAUGHMAN	11-09-2012	REGAL-BELOIT CORPORATION			
		批准:	A.BAUGHMAN	11-09-2012		名称	CONN DIAGRAM-NAMEPLATE	
		第三角投影		图纸格式发布日期 11-11-2011	图幅	C	图号	D0000435-001
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ASME Y14.5M 1994



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: D0000435-001

CATALOG #: E119350.00

OUTLINE: E119350

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	56C	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	30 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN - LEESON WATTS AVER

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



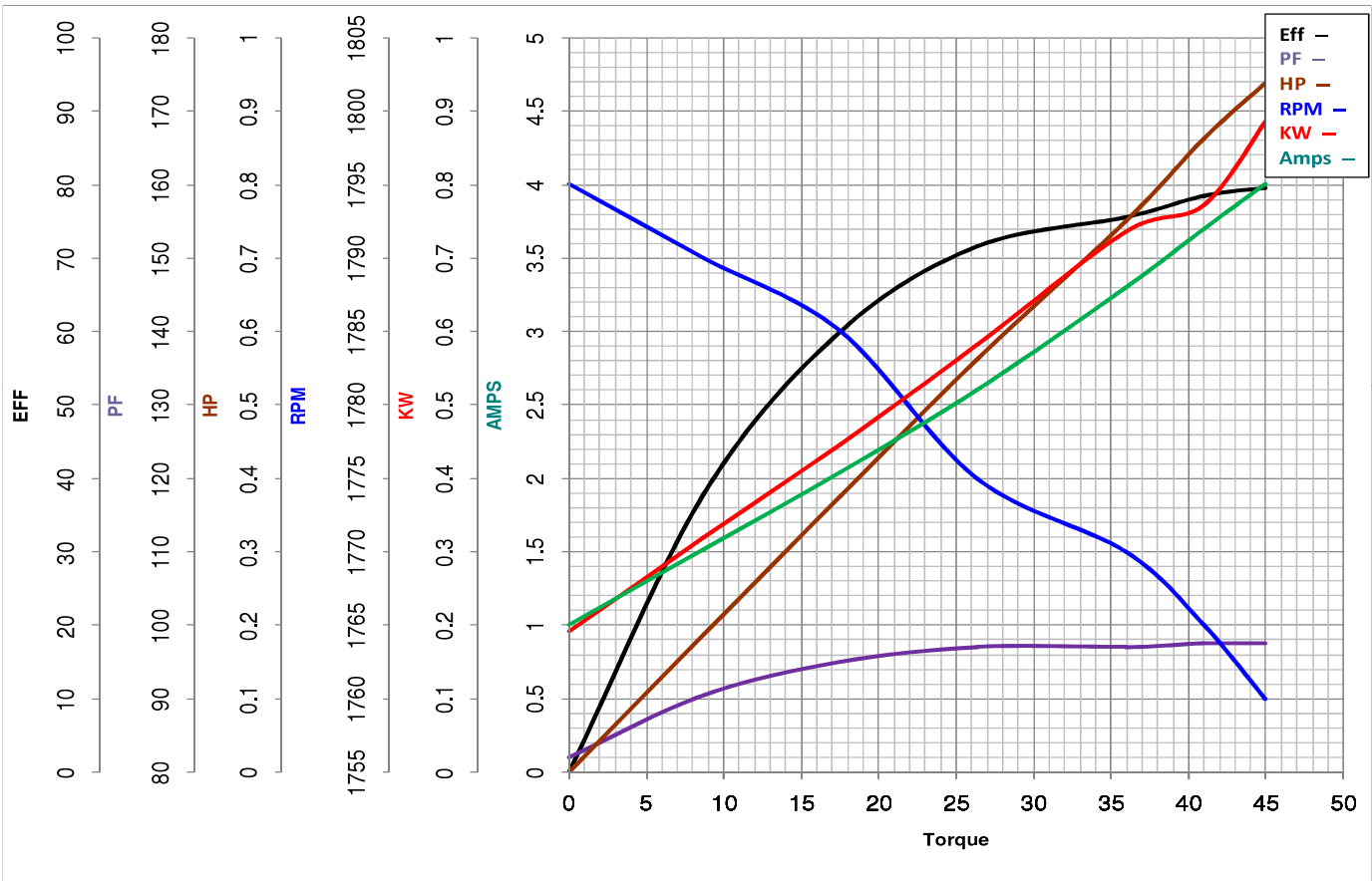
LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E119350.00

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

Catalog No E119350.00

HZ 60 RPM 1725



FL TORQUE	36	Oz.Ft	FL AMPS	6.6/3.3	
BD TORQUE	132.3	Oz.Ft	PU TORQUE	152.0	Oz.Ft
LR TORQUE	152	Oz.Ft	LR AMPS	30.6	
WINDING	SS0053728-3		Date	3/11/2019	