

PRODUCT INFORMATION PACKET

Model No: 056B17D15544

Catalog No: CG361A

0.75 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56C Frame, ODP
Single Phase ODP Motors



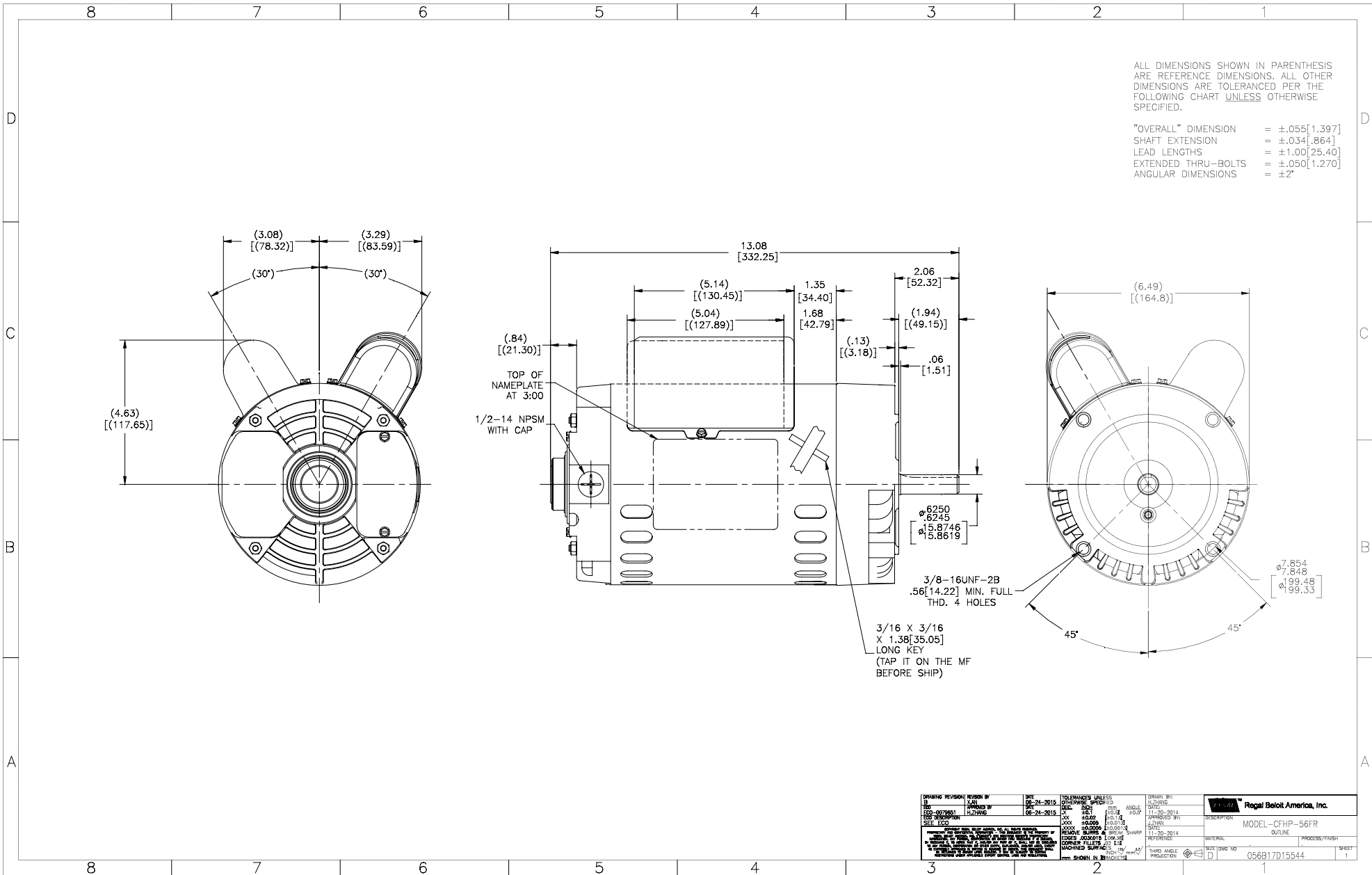
Nameplate Specifications

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	1.15	Phase	1
Efficiency	81.8 %	Power Factor	97
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

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.9 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	13.06 in
Frame Length	8.25 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 OUT ODE BRKT RADIAL
Outline Drawing	056B17D15544-S01	Connection Drawing	D0000435-001

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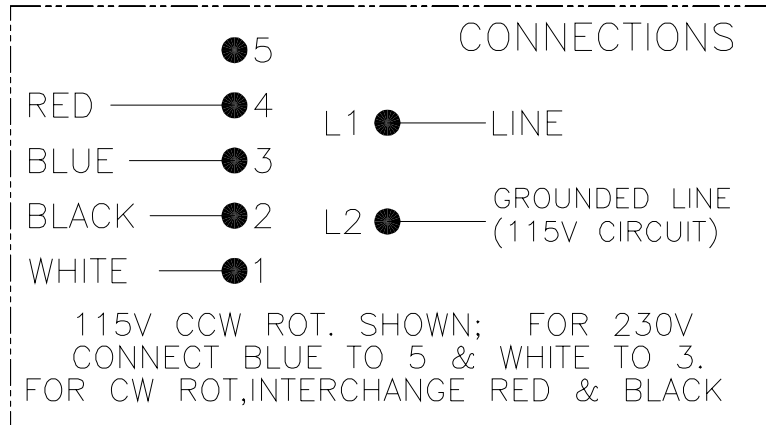
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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012



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

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-.04
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:	A.BAUGHMAN	11-09-2012
APPD:	A.BAUGHMAN	11-09-2012
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011 FORMAT REV H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPTION CONN DIAGRAM-NAMEPLATE	
SIZE C	DWG NO D0000435-001
SCALE NONE	SHEET 1

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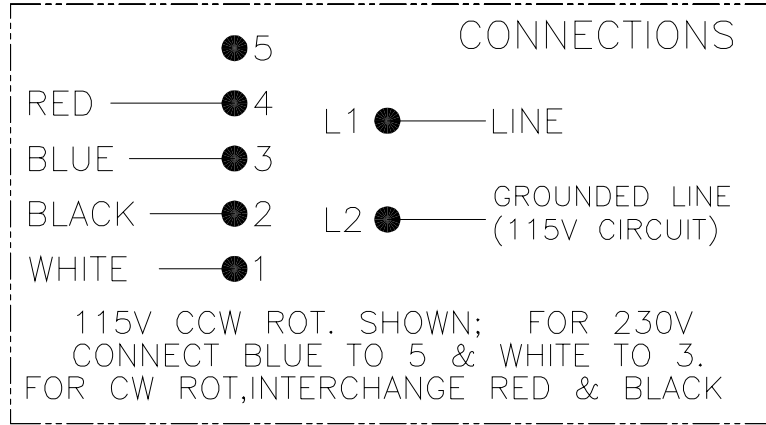
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012



CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ▽ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESQUADRA) // 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 X XX XXX XXXX mm ±.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 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: A.BAUGHMAN 11-09-2012	REGAL-BELOIT CORPORATION
		APROBADO POR: A.BAUGHMAN 11-09-2012	
		TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: H
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		TAMAÑO: C	NUMERO DE DIBUJO: D0000435-001
		ESCALA: NONE	HOJA: 1

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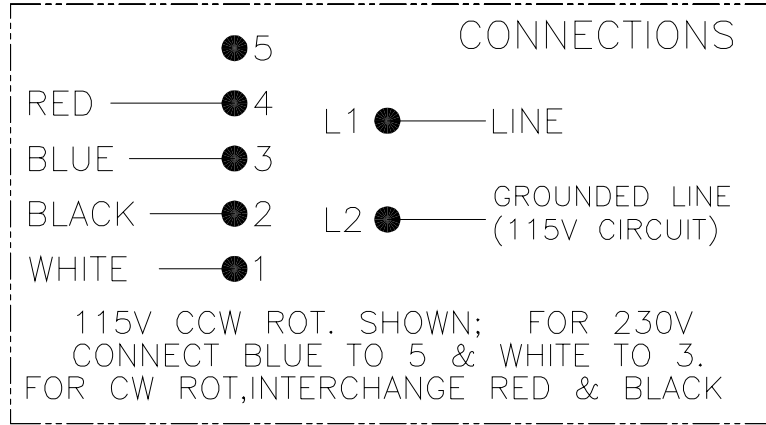
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版本	ECO	编制	日期	批准	日期
A	ECO-0028953	A.BAUGHMAN	11-09-2012	A.BAUGHMAN	11-09-2012



形位公差	除另有注明
□ 平面度	尺寸公差如下:
— 直线度	英寸 X XX XXX XXXX
∠ 倾斜度	英寸 ±.1 ±.02 ±.005 ±.0005
⊥ 垂直度	毫米 ±0.5 ±0.13 ±0.013
// 平行度	角度 ±.50 度
○ 圆度	清理毛刺和尖棱
⊙ 圆柱度	英寸 .003-.015 毫米 0.1-0.4
⌒ 面轮廓度	内圆角
⌒ 线轮廓度	英寸 .020 毫米 0.5
⊖ 圆跳动	表面粗糙度
⊕ 位置度	英制 125 公制 3.2
⊖ 同轴度	米制尺寸显示在L了
⊖ 对称度	ASME Y14.5M 1994

除另有注明	尺寸公差如下:
英寸 X XX XXX XXXX	
英寸 ±.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 公制 3.2	
米制尺寸显示在L了	

绘图:	A.BAUGHMAN	11-09-2012
批准:	A.BAUGHMAN	11-09-2012
第三角投影		图版格式发布日期 11-11-2011 图版格式版本 H
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REGAL-BELOIT CORPORATION	
名称	CONN DIAGRAM-NAMEPLATE
图号	D0000435-001
比例	NONE
页号	1

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MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
0.75 HP

HP 0.75

PHASE 1

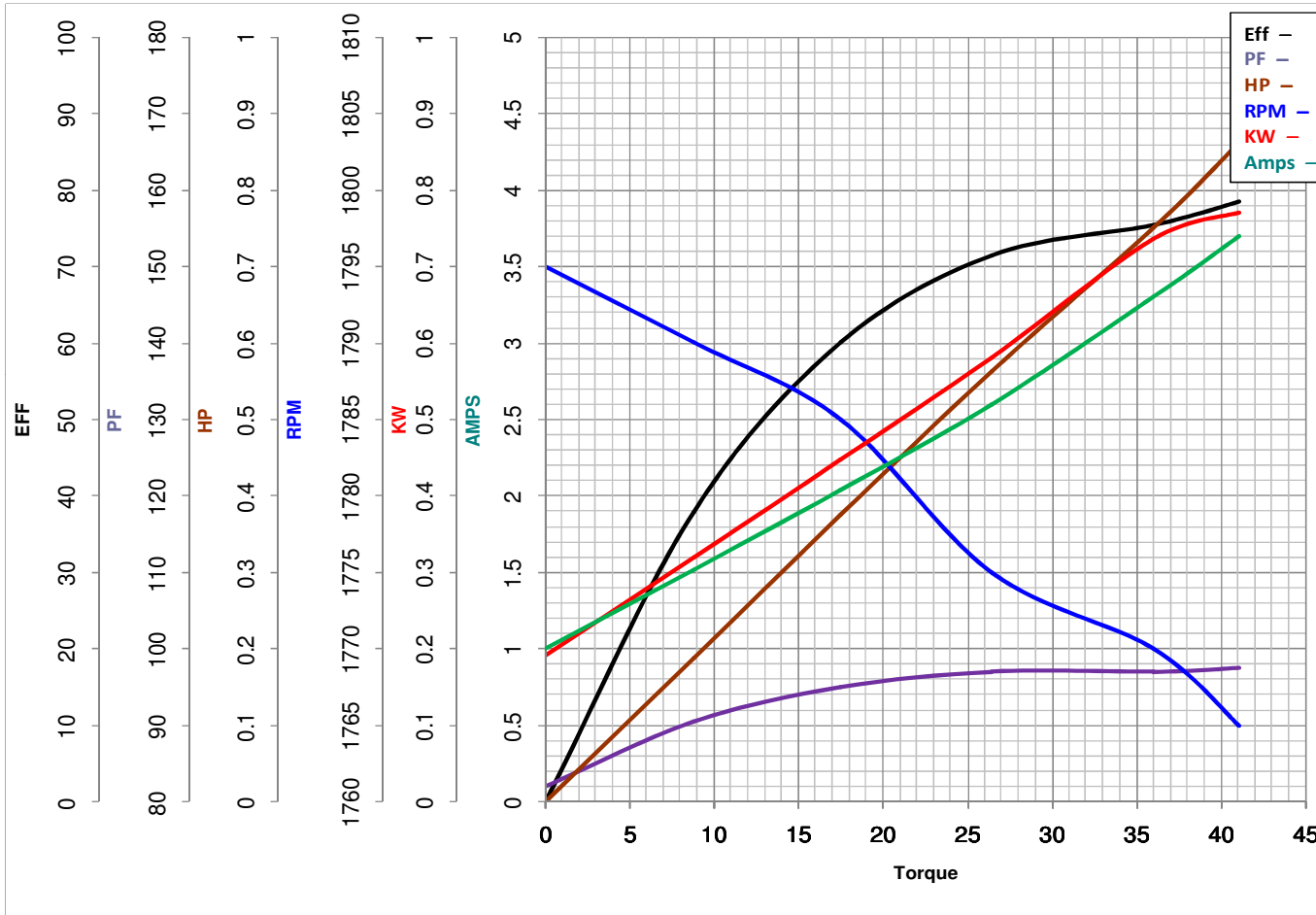
Model No 56B17D15544

VOLTS 115/230

Catalog No CG361A

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 36 Oz.Ft
BD TORQUE 132.3 Oz.Ft
LR TORQUE 152 Oz.Ft

FL AMPS 6.6/3.3
PU TORQUE 152.0 Oz.Ft
LR AMPS 30.6

WINDING SS0053728-3

Date 1/11/2019