

# PRODUCT INFORMATION PACKET



Model No: PD1050AV1  
Catalog No: PD1050AV1

Poultry Fan Motor, 1/2 HP, 1 Ph, 60/50 Hz, 115/208-230 V, 1800 RPM, 56 Frame, TEAO



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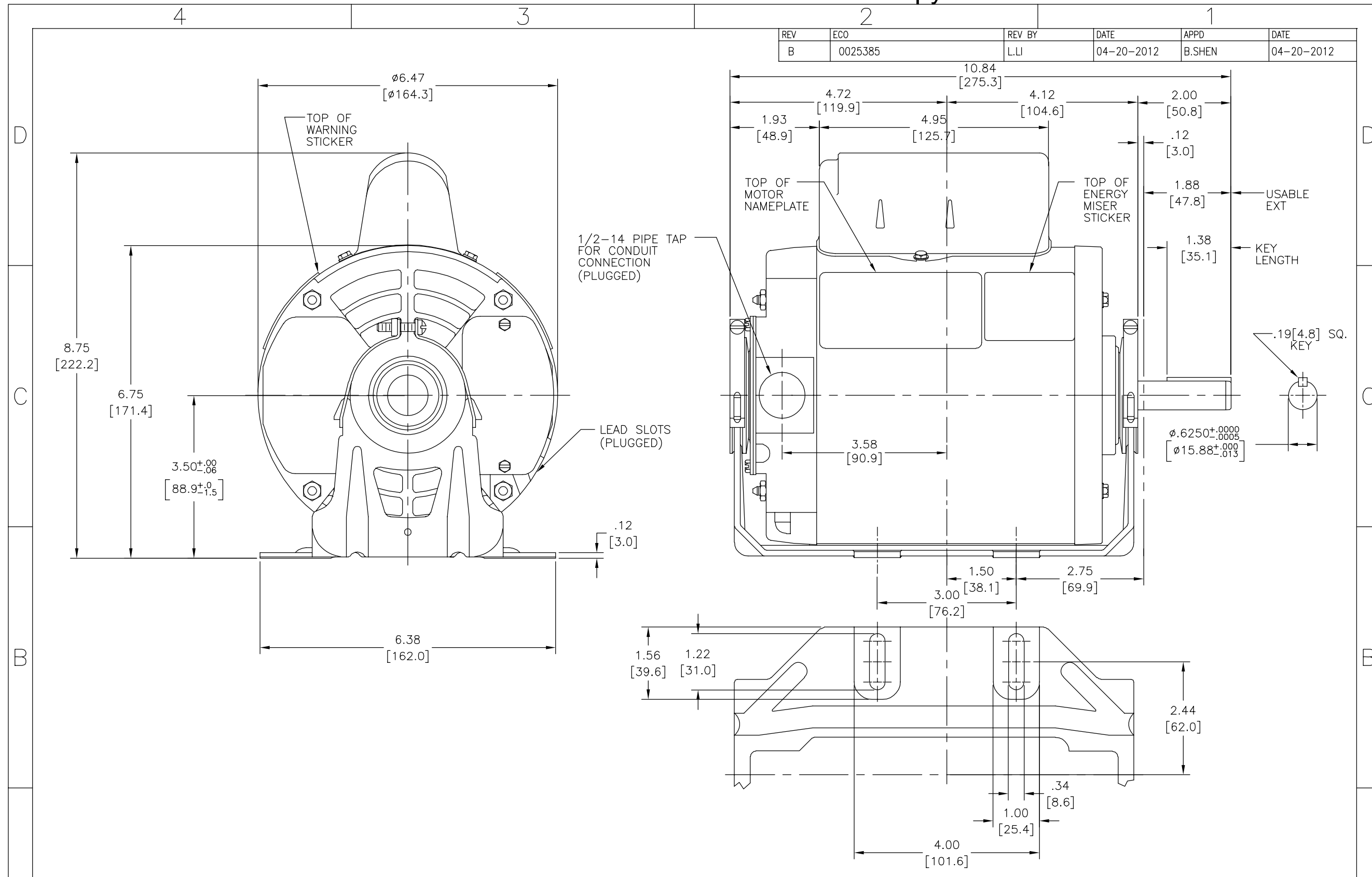
**Nameplate Specifications**

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	115/208-230 V
Speed	1725/1425 rpm	Service Factor	1.30
Frame	56	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	4.8/2.4 A
Duty	Continuous	Insulation Class	B
UL	No	CSA	Y
CE	N	Number of Speeds	1

**Technical Specifications**

Electrical Type	Induction Start, Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	10.84 in
Frame Length	5.69 in	Shaft Diameter	0.625 in
Shaft Extension	2.00 in		
Connection Drawing	619785-011C	Outline Drawing	PD1050AV1

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REV	ECO	REV BY	DATE	APPD	DATE
B	0025385	L.LI	04-20-2012	B.SHEN	04-20-2012

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 0.1-0.4

CORNER FILLETS TO:  
 INCH .020 mm 0.5

MACHINE SURFACES:  
 INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: YX 10-17-2008

APPD: LH 10-17-2008

THIRD ANGLE PROJECTION

EDS DATE EDS DATE  
 FORMAT REV G

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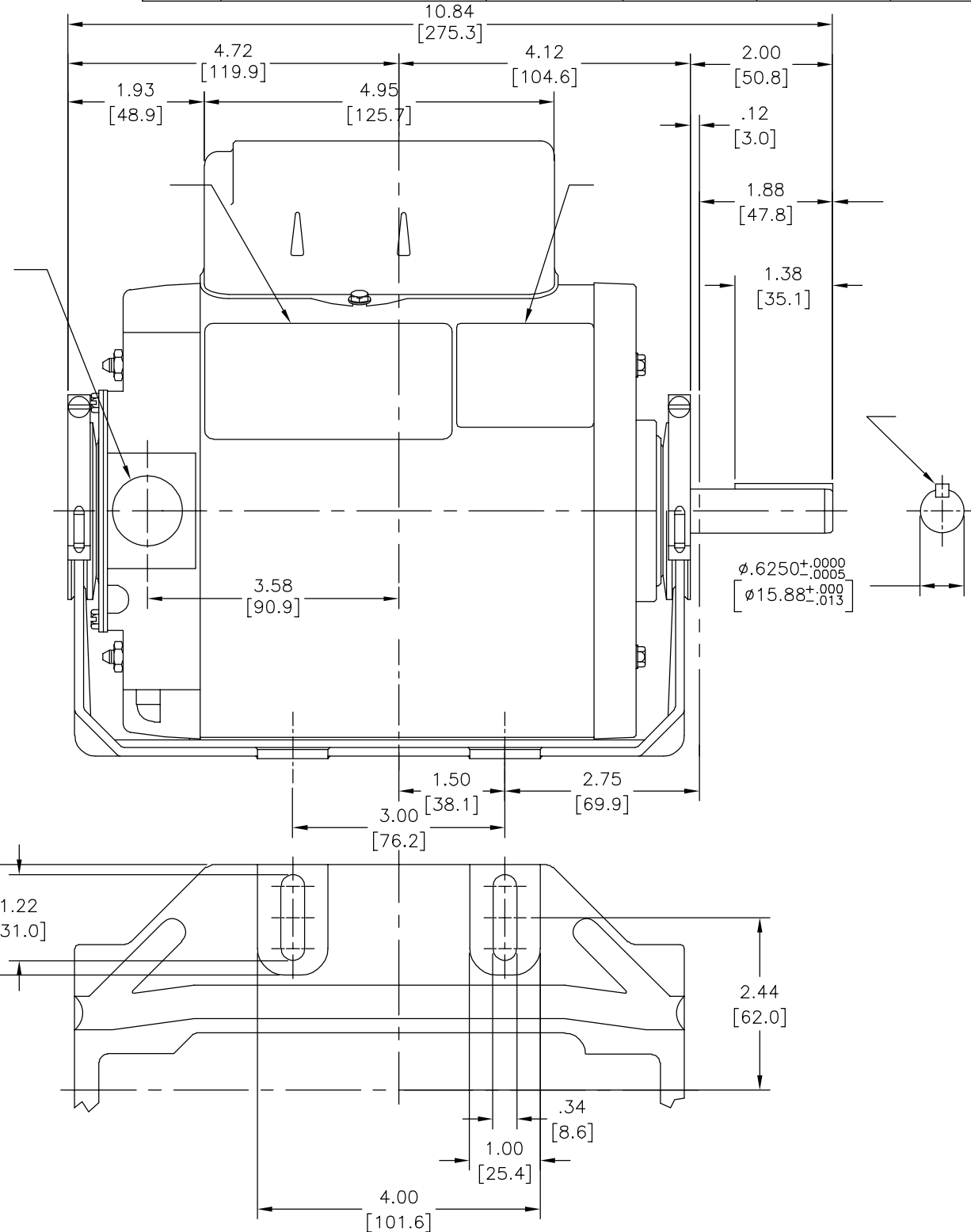
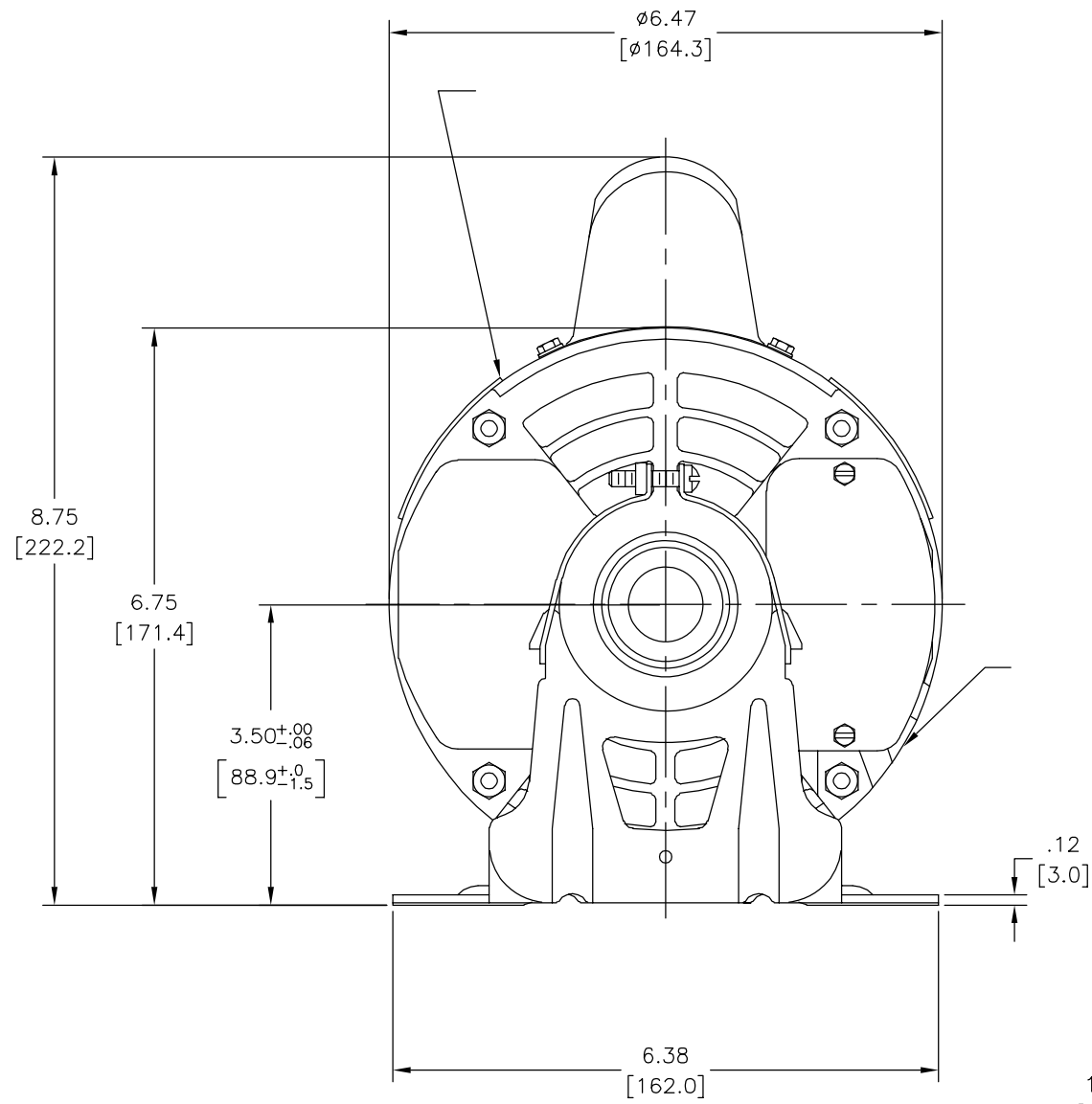
**REGAL-BELOIT CORPORATION**

DESCRIPTION: **OUTLINE**

SIZE: C DWG NO: PD1050AV1

SCALE: NONE SHEET: 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0025385	L.LI	04-20-2012	B.SHEN	04-20-2012

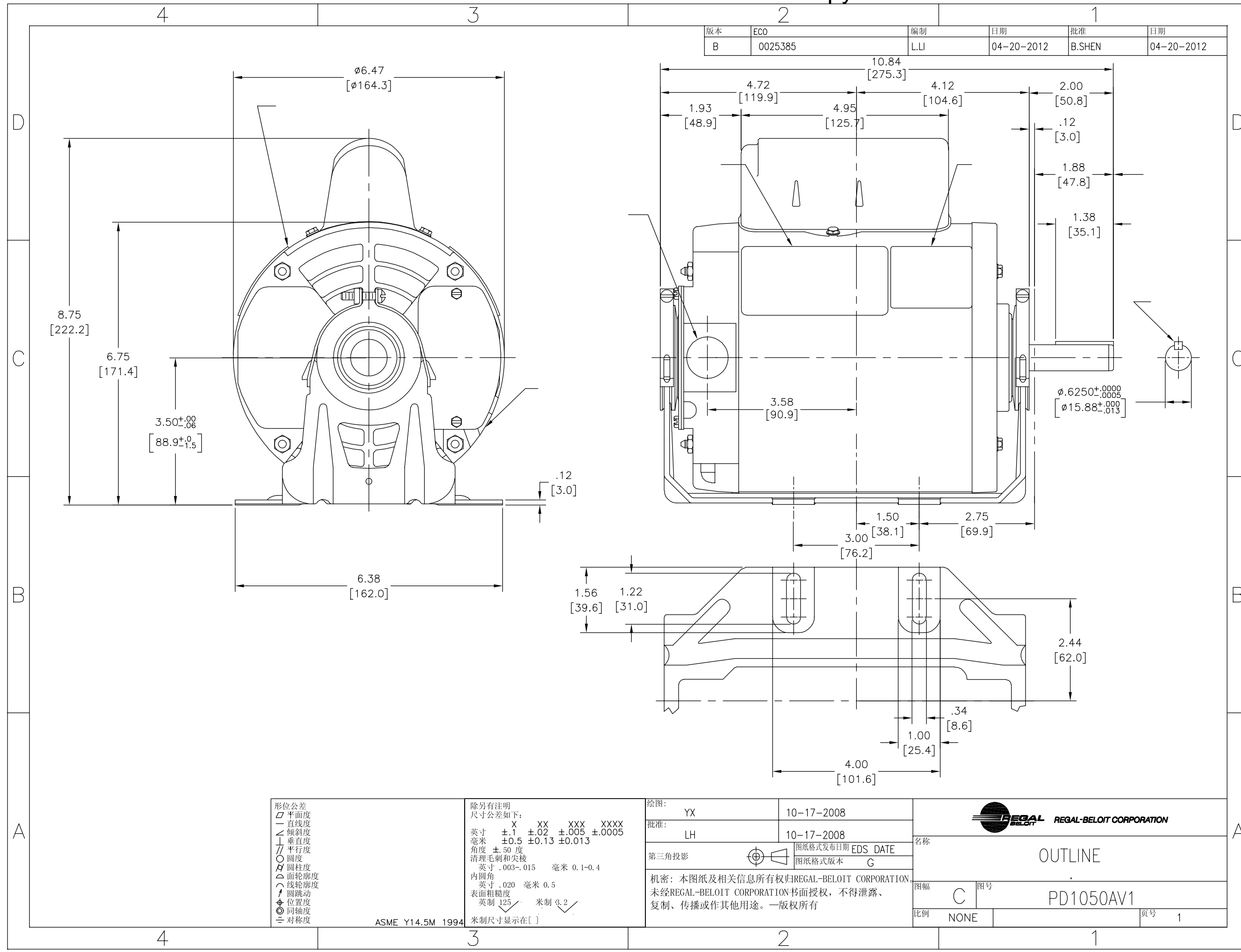


CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS  
 □ PLANICIDAD  
 — RECTITUD  
 < ANGULARIDAD  
 ⊥ PERPENDICULARIDAD (A ESQUADRA)  
 // PARALELISMO  
 ○ REDONDEZ (CIRCULARIDAD)  
 ∅ CILINDRICIDAD  
 △ PERFIL DE CUALQUIER SUPERFICIE  
 ▲ PERFIL DE CUALQUIER LINEA  
 ↗ VARIACION  
 ⊕ POSICION REAL  
 ⊙ CONCENTRICIDAD  
 = SIMETRIA

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:  
 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: YX 10-17-2008  
 APROBADO POR: LH 10-17-2008  
 TERCER ANGULO DE PROYECCION  
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**REGAL-BELOIT CORPORATION**  
 DESCRIPCION: OUTLINE  
 TAMAÑO: C NUMERO DE DIBUJO: PD1050AV1  
 ESCALA: NONE HOJA: 1



版本	ECO	编制	日期	批准	日期
B	0025385	L.LI	04-20-2012	B.SHEN	04-20-2012

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
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绘图:	YX	10-17-2008
批准:	LH	10-17-2008
第三角投影		图纸格式发布日期 EDS DATE 图纸格式版本 G
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名称	OUTLINE
图幅	C
图号	PD1050AV1
比例	NONE
页号	1

ASME Y14.5M 1994

米制尺寸显示在 [ ]

REVISIONS							SUPERSEDED BY		LIMITS UNLESS NOTED
SYM.	REQ. CHGS.	DESCRIPTION	E.C. NO.	BY	DATE	CHKD.	SUPERSEDES		

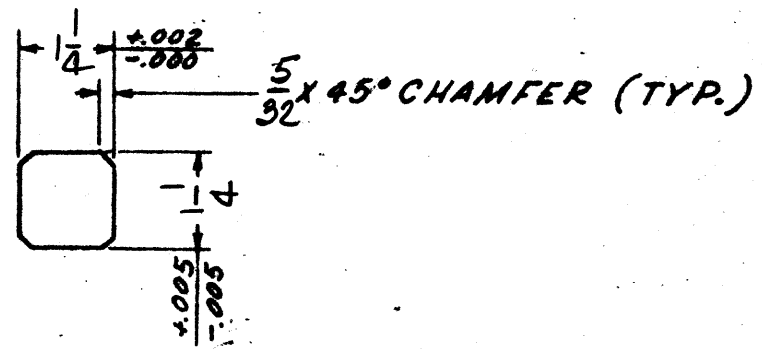
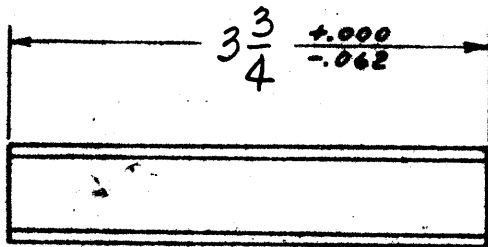
FRACTIONAL DIMENSIONS

BETWEEN FINISHED SURFACES ± .015

BETWEEN UNFINISHED SURFACES ± .060

BETWEEN FINISHED AND UNFINISHED SURFACES ± .060

BREAK ALL SHARP EDGES .015 MAX. ANGLES ± 1/2°



MAT'L = KEYSTOCK

SCANNED  
"A-SIZE DRAWING"

SCALE <i>NONE</i>	DATE	GEAR PRODUCTS OPERATIONS <b>HEWITT-ROBINS</b> <small>INCORPORATED</small> A DIVISION OF LITTON INDUSTRIES	KEY-SPECIAL CHAMFERED INT.	DWG. SIZE	795619785	REV.
DRAWN BY <i>D</i>	<i>9-5-69</i>			<i>A</i>		
CHECKED BY						
APPROVED BY						