

PRODUCT INFORMATION PACKET



Model No: B699

Catalog No: B699

General Purpose Motor, 1.0 HP, 1 Ph, 60 Hz, 115/230 V, 1200 RPM, 56 Frame, TEFC



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Nameplate Specifications

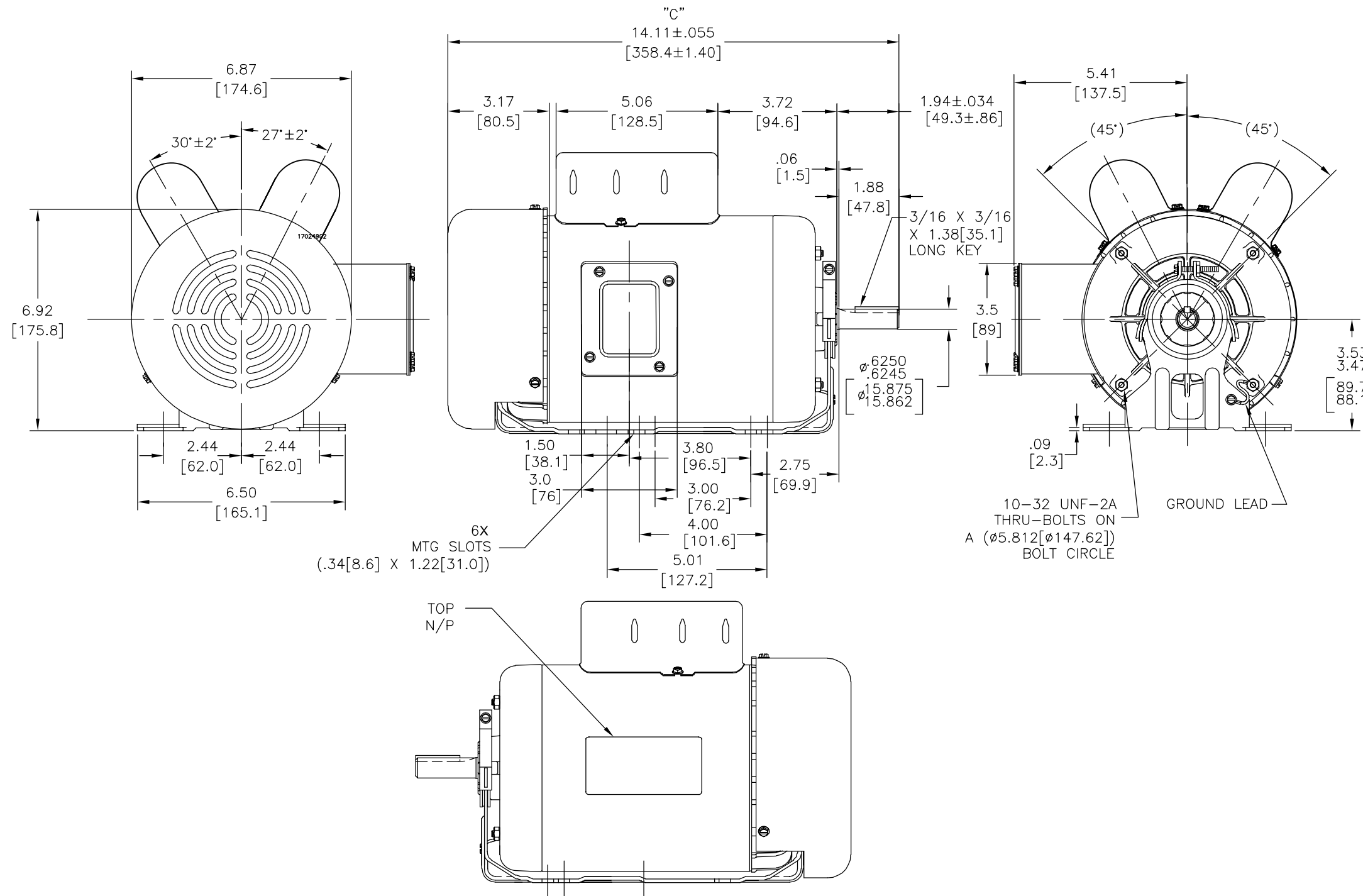
Output HP	1.0 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/230 V
Current	13.6/6.8 A	Speed	1140 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	6	Rotation	Clockwise/Counterclockwise
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.11 in
Frame Length	7.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in		
Connection Drawing	17050307	Outline Drawing	B699-S01

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REV	ECO	REV BY	DATE	APPD	DATE
C	0025367	L.LI	04-17-2012	B.SHEN	04-17-2012



10-32 UNF-2A
THRU-BOLTS ON
A (ø5.812[ø147.62]) B.C.

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: DZ 11-01-2010

APPD: KX 11-01-2010

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV G

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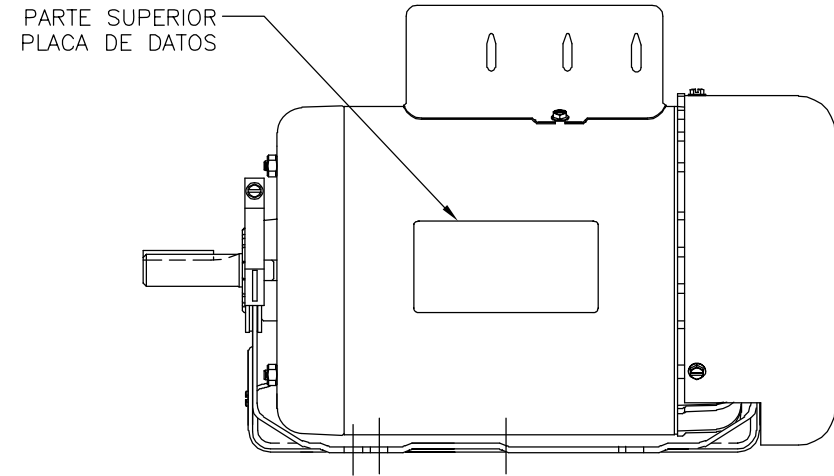
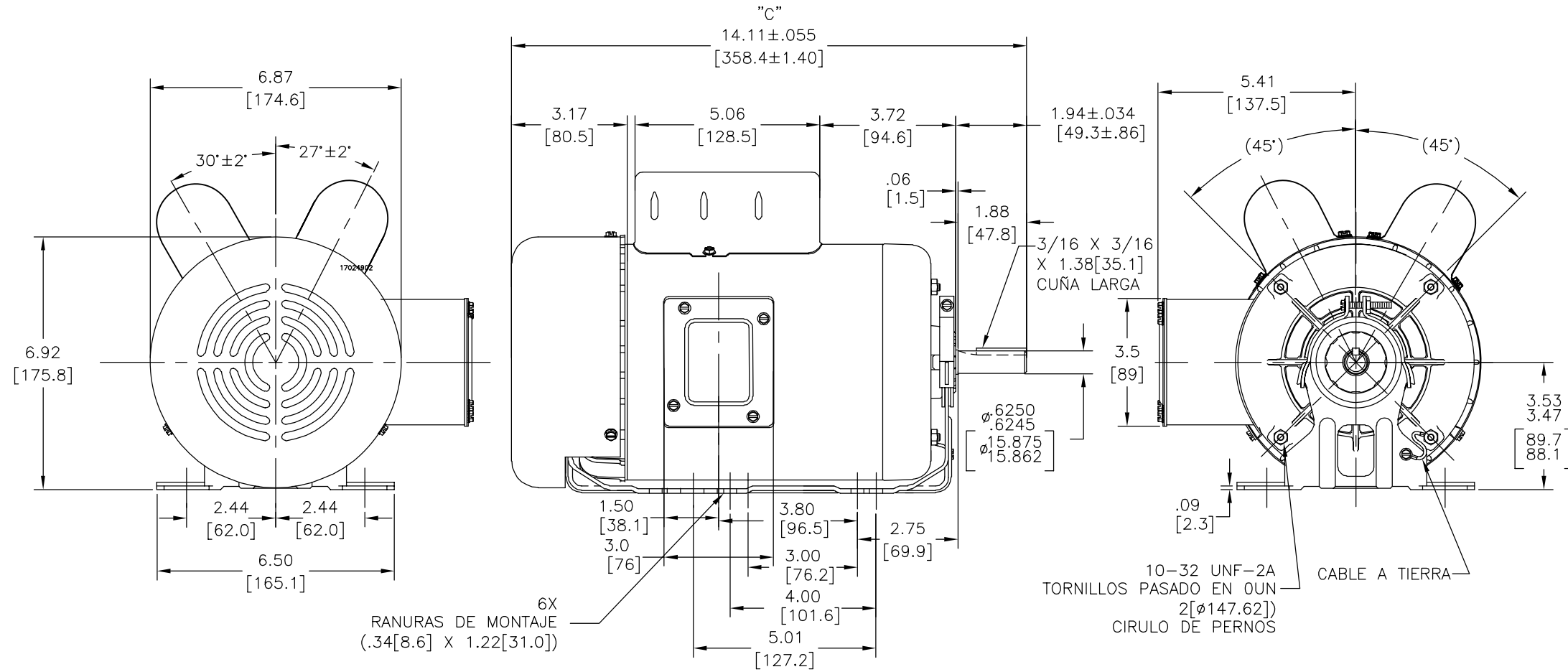
REGAL-BELOIT CORPORATION

DESCRIPTION: **OUTLINE**

SIZE: C DWG NO: B699

SCALE: NONE SHEET: 1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0025367	L.LI	04-17-2012	B.SHEN	04-17-2012



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

ASME Y14.5M 1994

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:

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 .32

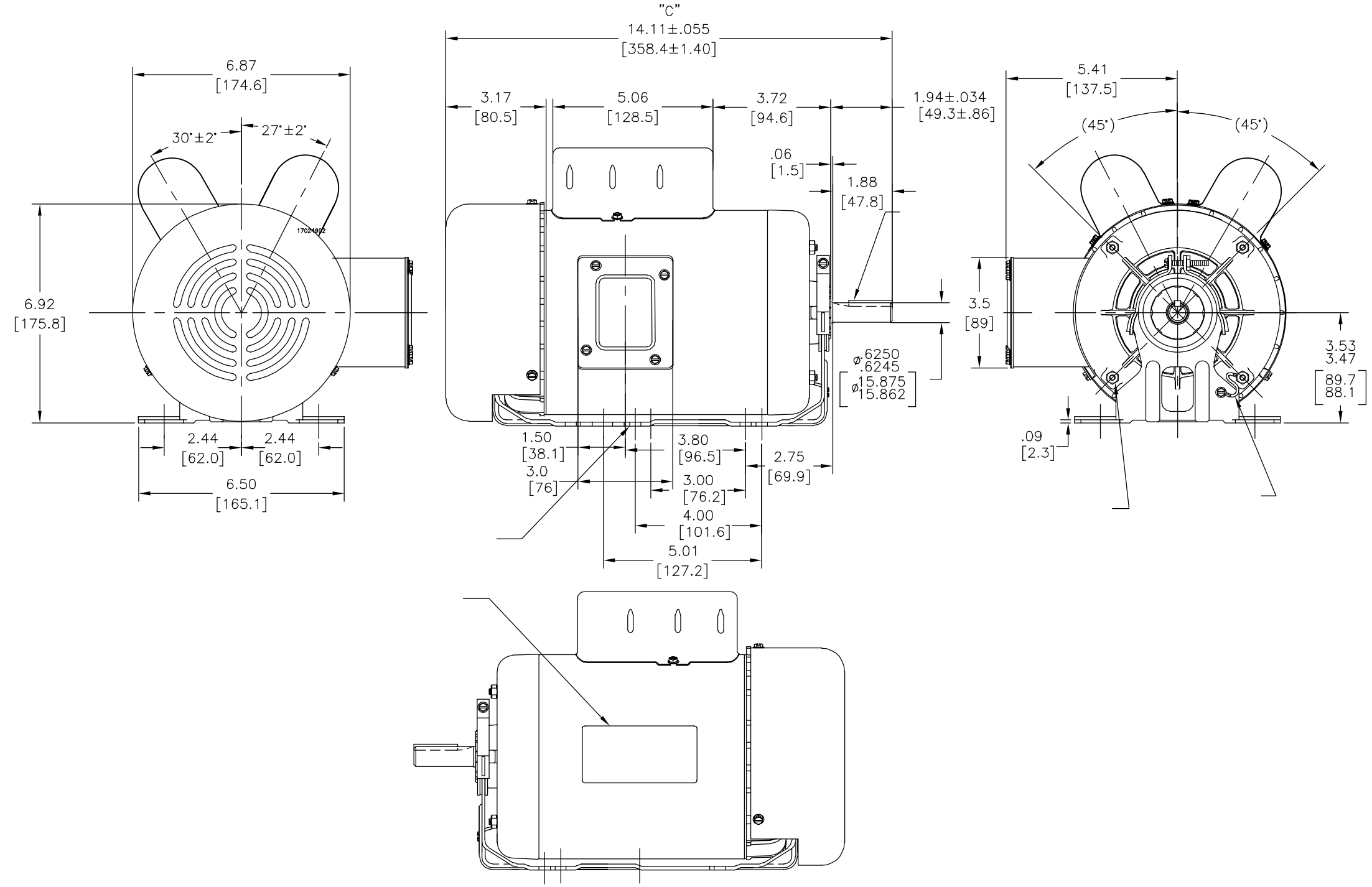
DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	DZ	11-01-2010
APROBADO POR:	KX	11-01-2010
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011 REV. FORMATO: G
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DESCRIPCION: OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: B699
ESCALA: NONE	HOJA: 1

4 3 2 1

版本	ECO	编制	日期	批准	日期
C	0025367	L.LI	04-17-2012	B.SHEN	04-17-2012



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 米制 3.2
◎ 同轴度	米制尺寸显示在 []
≡ 对称度	

ASME Y14.5M 1994

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名称	OUTLINE	
图幅	C	图号 B699
比例	NONE	页号 1

4 3 2 1