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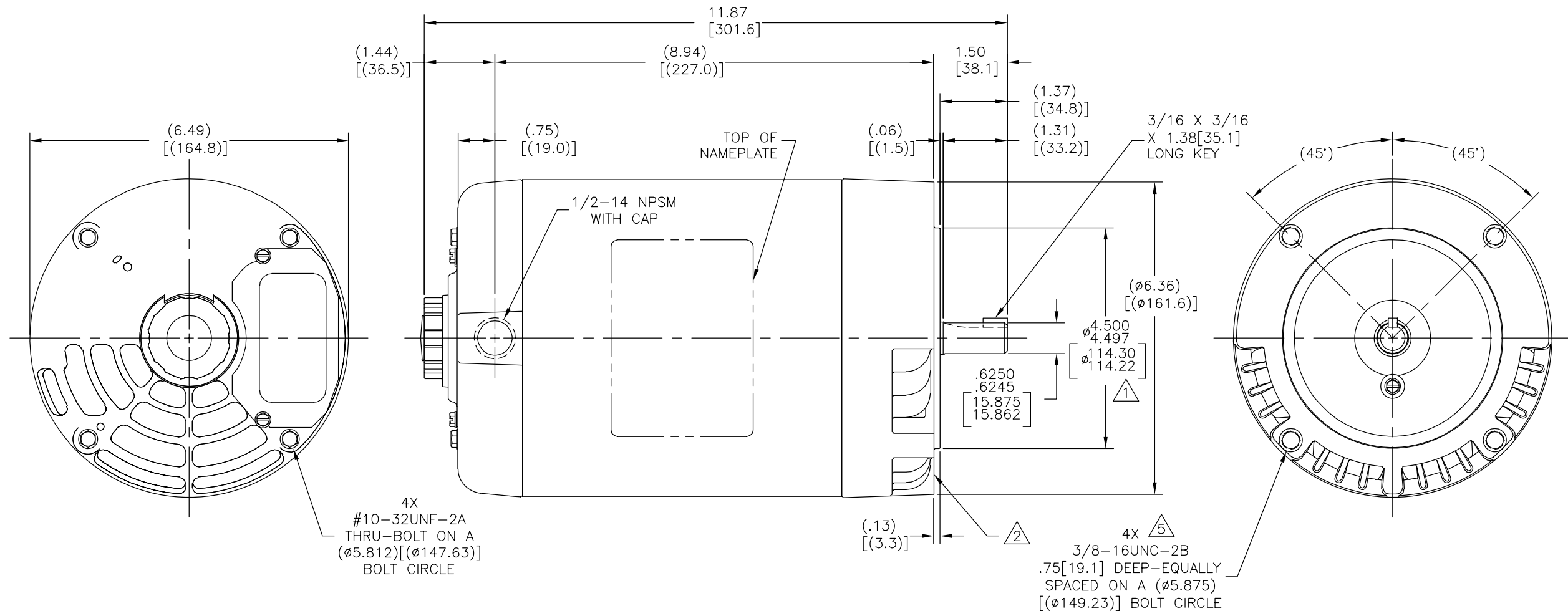
REV	ECO	REV BY	DATE	APPD	DATE
B	0025378	L. BERNAL	04-13-2012	D. BALDERRAMA	04-13-2012

NOTES:

- ① PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
- ② FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
- 3 SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R.
- 4 END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST.
- ⑤ DEPTH OF HOLES IN MOUNTING FLANGE ARE .75[19.1] FOR ALUMINUM, AND .63[16.0] FOR CAST IRON.

ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS. ALL OTHER DIMENSIONS ARE TOLERANCED PER THE FOLLOWING CHART UNLESS OTHERWISE SPECIFIED.

"C" DIMENSION = ±.055[1.40]  
 SHAFT EXTENSION = ±.034[.86]  
 LEAD LENGTHS = ±1.00[25.4]  
 EXTENDED THRU-BOLTS = ±.050[1.27]  
 ANGULAR DIMENSIONS = ±2'



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	±.1	±.02	±.005	±.0005
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:	DHOLT	07-16-2009
APPD:	SWALLACE	07-16-2009
THIRD ANGLE PROJECTION		EDS DATE 11-11-2011 FORMAT REV G

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DESCRIPTION	OUTLINE
SIZE C	DWG NO H1049V1
SCALE NONE	SHEET 1

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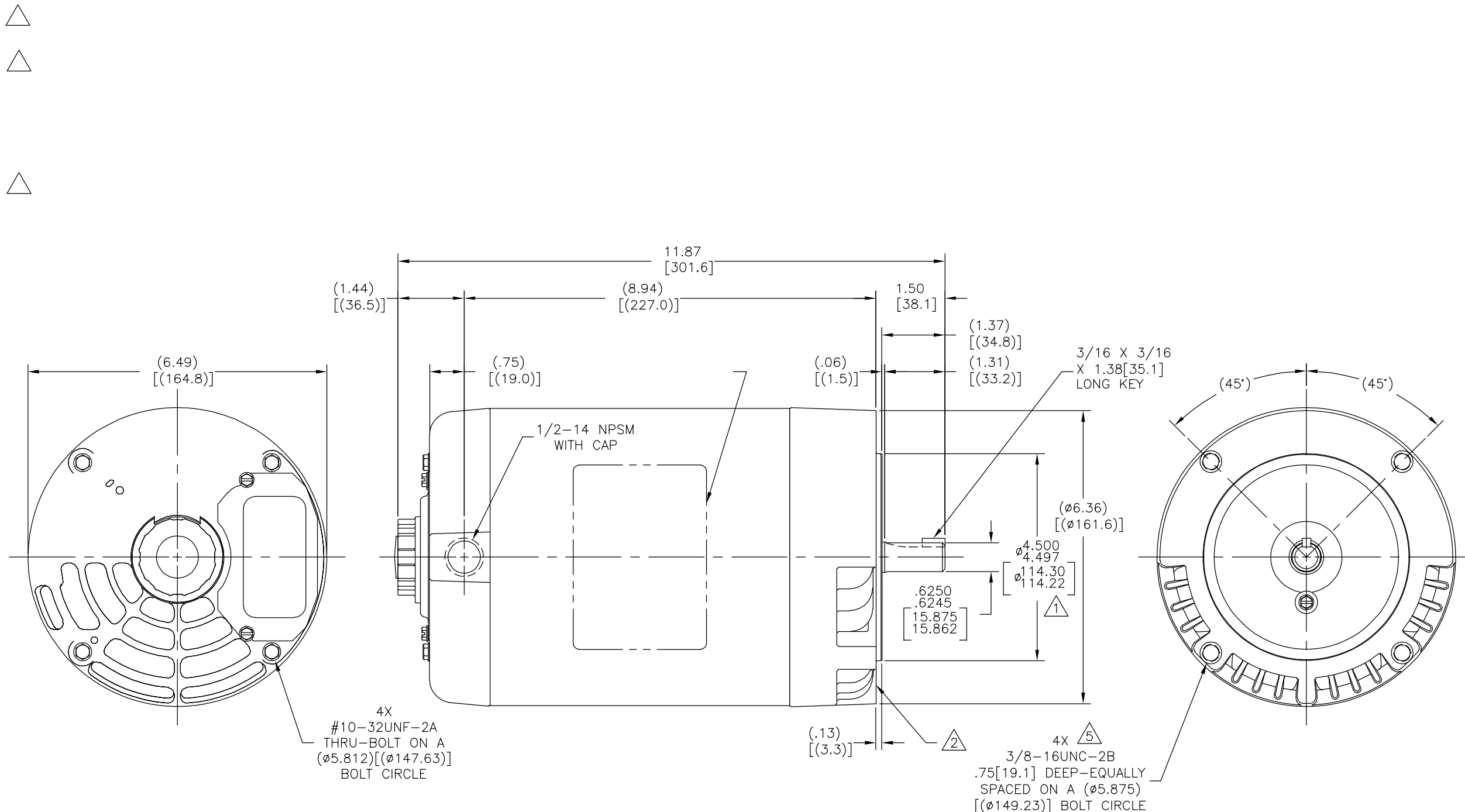
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0025378	L. BERNAL	04-13-2012	D. BALDERRAMA	04-13-2012



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
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FILETEAR ESQUINA: PULG .020 mm 0.5

MAQUINAR SUPERFICIES

PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR:	DHOLT	07-16-2009
APROBADO POR:	SWALLACE	07-16-2009
TERCER ANGULO DE PROYECCION	⊕	FECHA EDS: 11-11-2011
		REV. FORMATO: G

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DESCRIPCION: OUTLINE	
TAMAÑO: C	NUMERO DE DIBUJO: H1049V1
ESCALA: NONE	HOJA: 1

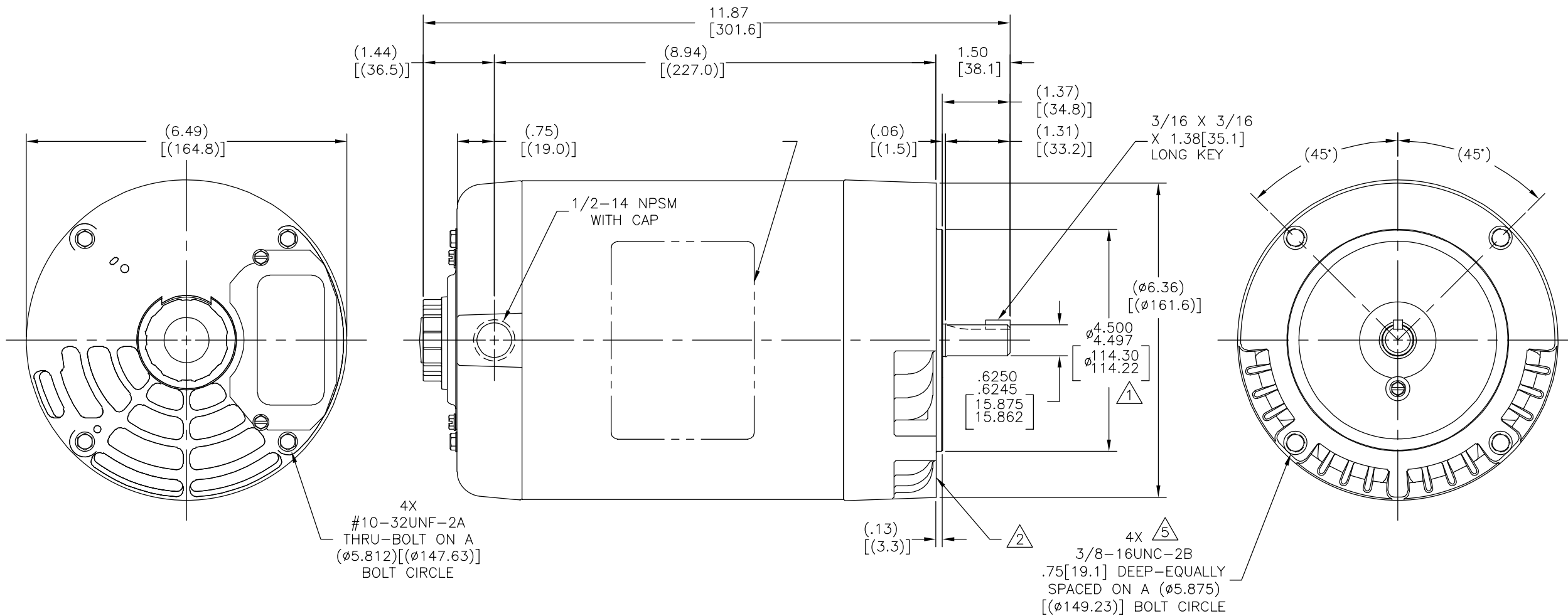
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版本	ECO	编制	日期	批准	日期
B	0025378	L. BERNAL	04-13-2012	D. BALDERRAMA	04-13-2012



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
⊖ 内圆角	内圆角
△ 面轮廓度	英寸 .020 毫米 0.5
⌒ 线轮廓度	表面粗糙度
⤴ 圆跳动	英制 125 米制 3.2
⊕ 位置度	米制尺寸显示在 [ ]
⊙ 同轴度	

ASME Y14.5M 1994

绘图:	DHOLT	07-16-2009
批准:	SWALLACE	07-16-2009
第三角投影		图纸格式发布日期 11-11-2011 图纸格式版本 G
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名称 OUTLINE	
图幅 C	图号 H1049V1
比例 NONE	页号 1