Uncontrolled Copy 4 APPD REV BY 0025384 H.ZHANG 04-17-2012 B.SHEN 04-17-2012 ALL DIMENSION SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS. ALL OTHER DIMENSIONS ARE TOLERANCED PER THE FOLLOWING CHART UNLESS OTHERWISE SPECIFIED. "C" DIM.  $= \pm .055[\pm 1.40]$  $= \pm .034[\pm .86]$ SHAFT EXT.  $= \pm 1.00[\pm 25.4]$ LEAD LENGTHS EXTENDED THRU-BOLTS  $= \pm .050[\pm 1.27]$ (6.59)12.56 #10-32 UNF-2A-[319.0] THRU BOLT ON [(167.4)](ø5.812)([ø147.62]) B.C. 2.31 TOP OF NAMEPLATE-[58.7] (.06)\_3/16 SQ. X1.38[35.0] 2X LÓNG KEY  $[(1.6)]^{-}$ (1.94)45° [(49.3)] 1/2 -14 N.P.S.M-PIPE TAP W/CAP (6.75) $\bigoplus$ [(171.5)] \_<sup>ø.</sup>8745 \_<sup>ø.</sup>8750 <sub>-</sub> <sup>ø</sup>22.21 <sup>°</sup>22.22 3.469 3.500 6.62 [168.1] 88.10 88.89 (.12)(2.75)(4.00) $[(3.2)]^{-}$ [(69.9)][(69.9)] [(101.6)](2.25)В [(57.2)](6.50)4X (5.00)[(165.1)] ø.34[(8.70)] [(127.0)] (6.50) [(165.1)] UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

X XX XXX XXXX
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 GEOMETRIC CHARACTERISTICS & SYMBOLS

### FLATNESS

- STRAIGHTNESS 01-16-1997 BEGAL REGAL-BELOIT CORPORATION — STRAIGHTNESS

∠ ANGULARITY

1. PERPENDICULARITY (SQUARENESS)

// PARALLELISM
O ROUNDNESS (CIRCULARITY)
// CYLINDRICITY

△ PROFILE OF ANY SURFACE
○ PROFILE OF ANY LINE
// RUNOUT

◆ TRUE POSITION
⑥ CONCENTRICITY

= SYMMETRY

ASME Y14.5M PAT 01-16-1997 THIRD ANGLE PROJECTION FORMAT REV G DESCRIPTION OUTLINE 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.

SCALE NONE DWG NO M109V1 SHEET 1 ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS] 4

Uncontrolled Copy 4 REVISION: ECO APROBADO POR: FECHA: REVISADO POR: FECHA: 0025384 H.ZHANG 04-17-2012 B.SHEN 04-17-2012 TODAS LAS DIMENSIONES MOSTRADAS ENTRE PARENTESIS SON DIMENSIONES DE RERERENCE. TODAS LAS DEMAS DIMENSIONES MANEJAN UNA TOLERANCIA QUE SE MUESTRA EN LA SIGUIENTE TABLA A MENOS DE QUE SE ESPECIFIQUE LO CONTRARIO. DIMENSION DE "C"  $=\pm.055[\pm1.40]$ EXTENSION DE FLECHA  $=\pm.034[\pm.86]$ LARGO DE CABLES  $=\pm 1.00[\pm 25.4]$  $=\pm .050[\pm 1.27]$ EXTENDIDOS PERNO PASADO (6.59)12.56 10-32UNF-2A-TORNILLO PASADO EN [319.0] [(167.4)](\$5.812)[(\$147.63)] ENTRE CENTROS 2.31 [58.7] (.06)-3/16 SQ. X 1.38[35.1] 2X  $[(1.6)]^{-}$ LONGITUD DE LA CUÑA (1.94)45° [(49.3)] 1/2-14 NPSM-CÓN CAPACITOR (6.75) $\bigoplus$ [(171.5)] \_<sup>ø.</sup>8745 \_<sup>ø.</sup>8750 <sub>-</sub> <sup>ø</sup>22.21 <sup>°</sup>22.22 3.469 3.500 6.62 [168.1] -88.10 88.89 (.12)(2.75)(4.00) $[(3.2)]^{-}$ [(69.9)][(69.9)] [(101.6)](2.25)В [(57.2)](6.50)4X (5.00)[(165.1)] ø.34[(8.70)] [(127.0)] (6.50) [(165.1)] CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

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

ANGULARIDAD

PERPENDICULARIDAD (A ESCUADRA)

// PARALELISMO
O REDONDEZ (CIRCULARIDAD)
A CILINDRICIDAD

PERFIL DE CUALQUIER SUPERFICIE

PILO 003-015 mm 0.1-0.4 DIBUJADO POR: SVR 01-16-1997 REGAL REGAL-BELOIT CORPORATION APROBADO POR: PAT 01-16-1997 DESCRIPCION: FECHA EDS: 11-11-2011
REV. FORMATO: G TERCER ANGULO // PARALELISMO
O REDONDEZ (CIRCULARIDAD)
A/ CILINDRICIDAD
PERFIL DE CUALQUIER SUPERFICIE
PERFIL DE CUALQUIER LINEA
/ VARIACION
POSICION REAL
CONCENTRICIDAD
SIMETRIA
ASME Y14.5M 19 OUTLINE DE PROYECCION NUMERO DE DIBUJO: M109V1 DEL BORDE.
PULG .003-.015 mm 0.1-0.4
FILETEAR ESQUINA: PULG .020 mm 0.5
MAQUINAR SUPERFICIE
PULG 125 mm 3.2

ASME Y14.5M 1994 DIMS METRICAS MOSTRADAS [PARENTESIS]

DEL BORDE.
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SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT
CORPORATION. -TODOS LOS DERECHOS RESERVADOS. ESCALA:NONE HOJA: 1 4

Uncontrolled Copy 4 批准 H.ZHANG 0025384 04-17-2012 B.SHEN 04-17-2012 (6.59)12.56 . [319.0] [(167.4)] 2.31 \_ [58.7] (.06) [(1.6)] 2X 45° (1.94) [(49.3)] (6.75) [(171.5)] \_<sup>ø.</sup>8745 \_<sup>ø.</sup>8750 \_ <sup>ø</sup>22.21 -3.469 3.500 6.62 [168.1] 88.10 88.89 (.12) [(3.2)] (2.75)(2.75)(4.00)-[(69.9)]<sup>--|--</sup>[(69.9)] \_ [(101.6)] (2.25) [(57.2)] B (6.50)4X ø.34[(8.70)] (5.00) [(127.0)] [(165.1)] (6.50) [(165.1)] SVR 01-16-1997 REGAL REGAL-BELOIT CORPORATION PAT 01-16-1997 图纸格式版本 G OUTLINE 第三角投影 机密:本图纸及相关信息所有权归REGAL-BELOIT CORPORATION。 未经REGAL-BELOIT CORPORATION书面授权,不得泄露、  $\mathbb{C}$ M109V1 复制、传播或作其他用途。—版权所有 NONE ASME Y14.5M 1994 米制尺寸显示在[] 4