Uncontrolled Copy 4 REV BY APPD DATE REV ECO FRAME **TYPE** P.ROJAS 0025369 04-16-2012 R.RASCON 04-16-2012 NOTES: CS J56J PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10]T.I.R. 11.58 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO [294.1] SHAFT CENTERLINE WHITIN .004[.10]T.I.R. 2.72 [69.1] SHAFT RUNOUT NOT TO EXCEED .002[.05]T.I.R. 2.57 [65.3] 4.08 END PLAY NOT TO EXCEED .010[.25] MEASURED 1.64 [41.7] [103.6] .13 WITH NO THRUST. [3.3]FOR RIGID BASE ONLY: THE 2 BOTTOM HOLES IN THE .06 MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM [1.4] 6.42 OF THE FEET WITHIN .030[.76] [163.1] DEPTH OF HOLES IN MOUNTING FLANGE ARE .75[19.1] FOR ALUMINUM .63[16.0] FOR CAST IRON. 4.87 ø5.875 [123.7] FOR THREADED SHAFT EXTENSION (56J) MATING PARTS [ø149.22] SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET. CTRS 1 FOR THREADED SHAFT EXTENSION (56J) ECCENTRICITY 4.500 _ 4.497 1.65 OF THREADED PORTION OF SHAFT IS HELD WITHIN 6.50 [165.1] [41.9] .004[.10] TOTAL GAGE READING. WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE 3.500 3.469 GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR. CAUTION: BASE TO BE ATTACHED WITH SCREWS, <u></u> DO NOT WELD!!! 4X 1.910 _1.870 HOLES-[65.3] 3/8-16UNC-2B 48.51 47.50 SLINGER .12 .06 [3.0] 3.00 [1.5] [76.2] .16 2.44 2.44 $[4.1]^{-}$ 1/2-14 NPSM-<u></u> 2.75 [62.0] [62.0] W/CAP [70.0] 4.00 [101.6] 2.00 6.50 MOUNTING SLOTS [50.8] [165.1] [13.5] 5.00 .34[8.6] X 1.22[31.0] [127.1] <u></u> В 7.57 [192.3] .6250 .6245 .372 _.362 _9.45 9.19 15.875 15.862 .50 [12.7] 7/16-20UNF-2A 1.00 [25.4] R.H. THD. GAUGING POINT 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 ADRIAN DE LUNA 03-02-2011 REGAL REGAL-BELOIT CORPORATION ANGULARITY

ANGULARITY

PERPENDICULARITY (SQUARENESS)

PARALLELISM
O ROUNDNESS (CIRCULARITY)
CYLINDRICITY
PROFESSION OF THE PARAMETERS SAMUEL JIMENEZ 03-02-2011 DESCRIPTION THIRD ANGLE PROJECTION FORMAT REV G 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.—ALL RIGHTS RESERVED. A CYLINDRICITY

△ PROFILE OF ANY SURFACE

○ PROFILE OF ANY LINE

1 RUNOUT

1 TRUE POSITION

© CONCENTRICITY INCH 020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 DWG NO C052 SHEET 1 ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS] 4

Uncontrolled Copy 4 REVISION: ECO REVISADO POR: FECHA: APROBADO POR: FECHA: TIPO CARCAZA P.ROJAS 0025369 04-16-2012 R.RASCON 04-16-2012 CS J56J NOTAS: DIAMETRO PILOTO ES CONCENTRICO CON LA LINEA DE CENTRO DE LA FLECHA DENTRO DE .004[.10]T.I.R. 11.58 CARA DEL BORDE DE MONTAJE ES PERPENDICULAR CON [294.1] LINEA DE CENTRO DE FLECHA DENTRO DE .004[.10]L.T.I. 2.72 OSCILACION DE FLECHA NO DEBE EXCEDER .002[.05]L.T.I [69.1] JUEGO AXIAL NO DEBE EXCEDER .010[.25] MEDIDO 2.57 SIN EMPUJE. [65.3] 4.08 SOLO PARA BASE RIGIDA: LOS 2 BARRENOS INFERIORES 1.64 [41.7] [103.6] EN EL BORDE DE MONTAJE SON PARALELOS DESDE .13 EL FONDO DEL PIE DENTRO DE .030[.76] [3.3]PROFUNDIDAD DEL BARRENO EN EL BORDE DE MOTAJE .06 ES .75[19.1] PARA ALUMINIO Y .63[16.0] PARA [1.4] MOLDE DE HIERRO. 6.42 PARA ROSCADO DE EXTENSION DE FLECHA (56J) LAS PARTES ENSAMBLADAS TIENEN QUE SER RELEVADAS [163.1] 7. PARA QUITAR EL FILETE. 4.87 PARA ROSCADO DE EXTENSION DE FLECHA (56J) ø5.875 [123.7] EXCENTRICIDAD DE ROSCADO EN FLECHA ES SOSTENIDO [ø149.22] DENTRO DE .004[.10] CALIBRACON TOTAL LEIDA. CON EL INDICADOR EN DIAMETRO EXTERIOR DE ANILLO CALIBRADOR **CENTROS** \triangle A TIERRA COMO SE MUESTRA. EL CALIBRADOR ES ESTACIONARIO CON RESPECTO DEL ROTOR. 4.497 1.65 6.50 114.30 114.22 PRECAUCION: LA BASE DEBE SER FIJADA CON TORNILLO. [165.1] [41.9] NO SOLDADURA 3.500 3.469 ◬ 4X 1.910 _1.870 BARRENOS-[65.3] 3/8-16UNC-2B 48.51 47.50 ARANDELA .12 .06 [3.0] 3.00 [1.5] [76.2] .16 2.44 2.44 ROSCA- $[4.1]^{-}$ 2.75 <u>/</u> [62.0] [62.0] 1/2-14 NPSM [70.0] 4.00 CON TAPON [101.6] 2.00 6.50 RANURAS DE MOTAJE [50.8] [165.1] [13.5] 5.00 .34[8.6] X 1.22[31.0] [127.1] <u></u> В 7.57 [192.3] .6250 .6245 .372 _.362 _9.45 9.19 15.875 15.862 .50 [12.7] 7/16-20UNF-2A **ROSCA DERECHA** [25.4] <u> 3\8</u> CALIBRACION CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

// PLANICIDAD

RECTITUD

ANGULARIDAD

I PERPENDICULARIDAD (A ESCUADRA)

// PARALLELISMO

O REDONDEZ (CIRCULARIDAD)

CILINDRICIDAD

PERFIL DE CUALQUIER SUPERFICIE

PERFIL DE CUALQUIER LINEA

VARIACION

POSICION REAL

CONCENTRICIDAD

ACMEDIA ACMEDIA A AND DIMS METRICAS MOSTRADAS [PARENTESIS]

A MENOS QUE SE ESPECIFIQUE DE

OTRA MANDRA, LAS TOLERANCIAS DE

LAS DIMS; SON LAS SICUIENTES;

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/

PARENTESIS] DIBUJADO POR: ADRIAN DE LUNA 03-02-2011 REGAL REGAL-BELOIT CORPORATION APROBADO POR: SAMUEL JIMENEZ 03-02-2011 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
SME Y14.5M 15 OUTLINE DE PROYECCION UIER SUPERFICIE
UIER LINEA

DEL BORDE.
PULG .003-.015 mm 0.1-0.4
FILETEAR ESQUINA: PULG .020 mm 0.5
MAQUINAR SUPERFICIES
PULG 125 mm 3.2

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

DEL BORDE.
CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION
SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE TAMAÑO:
CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION
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CORPORATION. -TODOS LOS DERECHOS RESERVADOS. NUMERO DE DIBUJO: C052 HOJA: 1 ESCALA:NONE 4

Uncontrolled Copy 4 批准 ECO P.ROJAS 04-16-2012 R.RASCON 04-16-2012 0025369 CS J56J 11.58 [294.1] 2.72 [69.1] 2.57 [65.3] 4.08 [103.6] 1.64 [41.7] .13 [3.3] .06 [1.4] 6.42 [163.1] 4.87 [123.7] ø5.875 [ø149.22] \triangle 4.500 1.65 4.497 [41.9] 114.30 114.22 6.50 [165.1] 3.500 3.469 88.90 88.11 <u></u> 2.57 [65.3] 1.910 1.870 48.51 47.50 .12 [3.0] .06 [1.5] 23.00 [76.2] .16 [4.1] 2.44 [62.0] 2.44 [62.0] 2.75 [70.0] <u></u> 4.00 [101.6] .53 [13.5][—] 2.00 [50.8] 6.50 [165.1] 5.00 [127.1] <u></u> В 7.57 [192.3]⁻ .6250 .6245 15.875 15.862 .372 .362 _9.45 _9.19 .50 [12.7] 1.00 [25.4] <u></u> 3\8 ADRIAN DE LUNA 03-02-2011 REGAL REGAL-BELOIT CORPORATION SAMUEL JIMENEZ OUTLINE 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、 C052 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