Uncontrolled Copy 4 REV BY APPD DATE REV ECO FRAME **TYPE** P.ROJAS 0025369 04-16-2012 R.RASCON 04-16-2012 NOTES: CS H56J PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10]T.I.R. 10.58 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO [268.7] SHAFT CENTERLINE WHITIN .004[.10]T.I.R. 1.72 [43.7] 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 \triangle FOR THREADED SHAFT EXTENSION (56J) ECCENTRICITY 4.500 _ 4.497 1.65 OF THREADED PORTION OF SHAFT IS HELD WITHIN 6.50 114.30 114.22 [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 _ 88.90 88.11 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] 4.00 .34[8.6] X 1.22[31.0] [101.7] <u></u> В 6.57 [166.9] .6250 .6245 .372 _.362 _9.45 9.19 15.875 15.862 .50 [12.7] 7/16-20UNF-2A R.H. THD. [25.4] 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 03-01-2011 REGAL REGAL-BELOIT CORPORATION ANGULARITY

ANGULARITY

PERPENDICULARITY (SQUARENESS)

PARALLELISM
O ROUNDNESS (CIRCULARITY)
CYLINDRICITY
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△ 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 C051 SHEET 1 ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS] 4

Uncontrolled Copy 4 REVISION: ECO REVISADO POR: FECHA: APROBADO POR: FECHA: CARCAZA TIPO P.ROJAS 0025369 04-16-2012 R.RASCON 04-16-2012 CS H56J NOTAS: DIAMETRO PILOTO ES CONCENTRICO CON LA LINEA DE CENTRO DE LA FLECHA DENTRO DE .004[.10]T.I.R. 10.58 CARA DEL BORDE DE MONTAJE ES PERPENDICULAR CON [268.7] LINEA DE CENTRO DE FLECHA DENTRO DE .004[.10]L.T.I. OSCILACION DE FLECHA NO DEBE EXCEDER .002[.05]L.T.I [43.7] 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] 4.00 .34[8.6] X 1.22[31.0] [101.7] <u></u> В 6.57 [166.9] .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

/*P PLANICIDAD

RECTITUD

ANGULARIDAD

| PERPENDICULARIDAD (A ESCUADRA)
| PARALELISMO

O REDONDEZ (CIRCULARIDAD)

| CILINDRICIDAD

PERFIL DE CUALQUIER SUPERFICIE
| PERFIL DE CUALQUIER LINEA | VARIACION

POSICION REAL

| MENOS QUE SE ESPECIFIQUE DE

OTRA MANERA, LAS TOLERANCIAS DE

LAS DIMS; SON LAS SIGUIENTES;

X X XXX XXXX

PULG ±.1 ±.0.2 ±.00.5 ±.0005

mm ±0.5 ±0.13 ±0.013

ANG. ±.50 GRADOS

ELIMINAR REBABAS Y ORILLAS FILOSAS

DEL BORDE.

PULG .033-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG .020 mm 0.5

MAQUINAR SUPERFICIES

PULG 1.25 mm · 3.2/ DIBUJADO POR: ADRIAN DE LUNA 03-01-2011 REGAL REGAL-BELOIT CORPORATION APROBADO POR: SAMUEL JIMENEZ 03-01-2011 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.
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Uncontrolled Copy 4 批准 ECO P.ROJAS 04-16-2012 R.RASCON 0025369 04-16-2012 CS H56J 10.58 [268.7] 1.72 [43.7] 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] 4.00 [101.7] <u></u> В 6.57 [166.9]⁻ .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 03-01-2011 REGAL REGAL-BELOIT CORPORATION SAMUEL JIMENEZ 03-01-2011 图纸格式发布日期 11-11-2011 图纸格式版本 G 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、 \mathbb{C} C051 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