Uncontrolled Copy EC0 REV BY DATE APPD DATE PΖ 11-15-2010 CZ 11-15-2010 0014579 #10-32 GROUND SCREW 10.970±.055 1.875±.005 (BINDING HEAD) [278.64±1.40] [47.63±.13] MOUNTING HOLES-3/8-16UNC-2B 9.530±.055 9.550±.55 [242.06±1.40] .13±.03 MAX.  $\forall$  OF SCREW IN CASTING=.63[16.0].  $.687^{+.015}_{-.031}$ [17.45<del>+.3</del>8]  $[3.3 \pm .8]$ [10] -.250[6.35]x.032[.81] MALE QUICK DISCONNECT TOP OF --SHOULDER MUST BE SMOOTH &  $[4.1]^{-}$ **TERMINAL** NAMEPLATE SQUARE WITH SHAFT BONDING-LUG ◎ .004[.10] A Ø6.500 [ø165.10] R.015±.005 [R.38±.13] \_ <sup>ø4.4</sup>97 \_ <sup>ø4.500</sup> \_ ø114.22 ø114.30 ø5.63 [ø143.1] ø9.19 9.45 ø5.875 [ø149.23] -.06[1.5]X45**°** B.C. ø.6245 .6250 √ .0015[.038] A ø15.862 15.875 1/2-14 STRAIGHT PIPE 7/16-20UNF-2A THREAD P.D. FACE & Ø4.497/4.500 THREAD MUST BE LOCATED .3995/.4037[10.147/10.254] [ø11\\4.22/114.30] WITHIN ±2'OF HORIZONTAL TENON MUST BE SQUARE © Ø.003[.08] A NAMEPLATE DATA EXTERNAL CONNECTION DIAGRAM NOTES 1. FINISH PAINT TO BE SATIN BLACK. MODEL: C48K2N143C1C 2. 7/16 WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. CUST PN: UST1102 HP: 1 ROT: CCWPE RPM: 3450 3. STAINLESS STEEL SHAFT EXT. TYPE: UAC 4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED GREEN (GROUND) FORM: FRAME: 56 AT BEARING HOUSING = .001[.03]. VOLTS: 115/230 HIGH VOLTAGE SHOWN. ROTATE DIAL CCW TO 115 FOR LOW VOLTAGE. DUAL VOLTAGE MOTORS ARE TO BE MAX AMPS: 13.4/6.7 USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN. CONNECTED FOR HIGHER VOLTAGE. SF AMPS: -ACCEPTABLE FOR FIELD WIRING QUICK VOLTAGE CHANGE PLUG PH: 1 INCLUDED ON THE TERMINAL INS: B ₩MB: 50 DUTY: CONT SUPPORT PAD TO BE PACKED WITH ENCLOSURE: QDP EACH MOTOR THERM. PROT. CEJ53CY 7. MOTOR ASSY REF: 617158-007 UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: GEOMETRIC CHARACTERISTICS & SYMBOLS

// FLATNESS

— STRAIGHTNESS ELECTRICAL PRODUCTS PERFORMANCE **APPROVED A**Smith Cherry.Z 05-25-2010 CURVE SAMPLE COMPANY APPD: NCH ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANGULARITY
PERPENDICULARITY (SQUARENESS) INCH ±...

mm ±0.5 ±0.13 ±0.015

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 05-25-2010 DESCRIPTION EDS DATE 02-22-2008 PARALLELISM ROUNDNESS (CIRCULARITY) CYLINDRICITY THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION FORMAT REV UL COMPONENT CSA OUTLINE FILE# FILE# GUIDE# CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF A.O. SMITH CORP. AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF A.O. SMITH CORP. —ALL RIGHTS RESERVED. ASME Y14.5M 1994 PROFILE OF ANY SURFACE
PROFILE OF ANY LINE LR43341 4211-01 E25022 XEWR2 DWG NO RUNOUT 12427-005 CUSTOMER DISTRIBUTION SERVICES ASME Y14.5M 1994 SCALE NONE O CONCENTRICITY
SYMMETRY SHEET 1 METRIC DIMS. SHOWN IN [BRACKETS] 4

Uncontrolled Copy APROBADO POR: REVISION: ECO REVISADO POR: FECHA: FECHA: PΖ 11-15-2010 CZ 0014579 11-15-2010 TORNILLO PARA TIERRA 10.970±.055 1.875±.005 #10-32 [278.64±1.40] [47.63±.13] (CABEZA ANCLANTE) BARRENOS PARA MONTAJE-3/8-16UNC-2B 9.530±.055 [242.06±1.40] MAXIMA DEL TORNILLO EN EL MOLDE .687+.015 .13±.03 =.63[16.0][17.45<del>+.3</del>8]  $[3.3 \pm .8]$ [10] TERMINALES DE ESPADA PARTE EL HOMBRO DEBERA ESTAR ANCHA .25[6.4] [4.1] SUPERIOR LISO Y A ESCUADRA TERMINAL-DE LA CON LA L DE LA FLECHA/ PLACA DE DATOS ◎ .004[.10] A ø6.500 [ø165.10] R.015±.005 [R.38±.13] \_ <sup>ø4.4</sup>97 \_ <sup>ø4.500</sup> \_ ø114.22 ø114.30 ø5.63 [ø143.1] ø9.19 9.45 ø5.875 [ø149.23] -.06[1.5]X45**°** ENTRE ø.6245 .6250 **ENTROS** √ .0015[.038] A ø15.862 15.875 ROSCAS P.D. 7/16-20UNF-2A ROSCA 1/2-14 DE TUBERIA RECTA SARA Y Ø4.497/4.500 DEBERA ESTAR UBICADA ±2° DE LA © ÿ114.22/114.30] .3995/.4037[10.147/10.254] HORIZONTAL MAQUINADO DEBERAN DE ESTAR À © Ø.003[.08] A **ESCUADRA** NAMEPLATE DATA EXTERNAL CONNECTION DIAGRAM **NOTES** 1. LA PINTURA DEL ACABADO DEBERA MODEL: C48K2N143C1C COLOR NEGRO SATINADO. CUST PN: UST1102 2. PLANOS DE .44[11.2] PARA LLAVE EN LA FLECHA PARA TENER ACCESO A ESTE PLANO DE LLAVE HP: 1 ROT: CCWPE RPM: 3450 RETIRAR LA CUBIERTA. TYPE: UAC GREEN (GROUND) 3. EXTENSION DE LA FLECHA DE ACERO INOXIDABLE FORM: FRAME: 56J 4. LIMITES EN LA AMPLITUD MEDIDA DE LA VIBRACION VOLTS: 115/230 HIGH VOLTAGE SHOWN. ROTATE DIAL CCW TO 115 FOR LOW VOLTAGE. **AMPS** EN LA CAVIDAD DEL BALERO = .001[.03]MAX AMPS: 13.4/6.7 USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN. 5. LOS MOTORES PARA VOLTAJE DOBLE DEBERAN DE SF AMPS: -PARA ALTO VOLTAJE, CLAVIJA PARA ACCEPTABLE FOR FIELD WIRING CONECTARSE PH: 1 CAMBIO RAPIDO DE VOLTAJE INCLUIDA EN LA TABLILLA DE INS: B XMB: 50 DUTY: CONT 6. EL ATENUADOR DE SOPORTE DEBERA DE SER ENCLOSURE: QDP EMPACADO CON CADA MOTOR. THERM. PROT. CEJ53CY 7. ENSABLE DE REFERENCIA DEL MOTOR: 617158-007 CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:

ANGULARIDAD VICENTIA VI BUJADO POR: Cherry.Z **ELECTRICAL PRODUCTS** PERFORMANCE **APPROVED A**Smith 05-25-2010 CURVE SAMPLE COMPANY PROBADO POR: KG 05-25-2010 ANOULARIDAD

L PERPENDICULARIDAD (A ESCUADRA)

// PARALELISMO

O REDONDEZ (CIRCULARIDAD)

// CILINDRICIDAD DESCRIPCION FECHA EDS: 02-22-2008 UL COMPONENT CSA ERCER ANGULO ANG. ±.50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS REV. FORMATO: F OUTLINE E PROYECCION FILE# FILE# GUIDE# DEL BORDE.

PULG .003-.015 mm 0.1-0.4

FILETEAR ESQUINA: PULG .020 mm 0.5

MAQUINAR SUPERFICIES

PULG 125 mm 3.2

DIMS METRICAS MOSTRADAS [PARENTESIS]

CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION
SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE TAMAÑO: NI CORP. Y NO DEBERAN SER REVELADOS, DUPLICADOS, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP.

-TODOS LOS DERECHOS RESERVADOS.ASME Y14.5M 1994 ELIMINAN NEBBAS T UNILLAS TILOSAS SEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 PERFIL DE CUALQUIER SUPERFICIE LR43341 4211-01 E25022 XEWR2 NUMERO DE DIBUJO: 12427-005 1 VARIACION → POSICION REAL CUSTOMER DISTRIBUTION SERVICES O CONCENTRICIDAD HOJA: 1 - SIMETRIA 4

Uncontrolled Copy 4 EC0 编制 批准 日期 0014579 PΖ 11-15-2010 CZ 11-15-2010 - #10-32 接地螺钉 10.970±.055 1.875±.005 [278.64±1.40] (止滑头) (4) 安装孔-3/8-16UNC-2B [47.63±.13] 在铸件中螺钉最大旋入深度为.63[16.0] 9.530±.055 9.530±.002 [242.06±1.40] .13±.03 .687+.015 [17.45<del>+.3</del>8]  $[3.3 \pm .8]$ [10] -. 250[6. 35]X. 032[. 81] 快速分离插片 .16 [4.1] 轴肩必须平滑且与轴中心线垂直 -铭牌顶部 接线片一 ◎ .004[.10] A Ø6.500 [ø165.10] R.015±.005 [R.38±.13] \_ <sup>ø4.4</sup>97 \_ <sup>ø4.500</sup> \_ ø114.22 ø114.30 ø5.63 [ø143.1] \_<sup>ø.362</sup> \_<sup>ø.372</sup> \_ ø9.19 ø9.45 ø5.875 [ø149.23] -.06[1.5]X45° ø.6245 .6250 ø15.862 15.875 M .0015[.038] 1/2-14 直管螺纹,它的中 · 7/16-20UNF-2A螺纹中径  $\Box 4.497/4.500$ 心在水平中心±2°范围内 . 3995/. 4037[10. 147/10. 254] [Ø114. 22/114. 30]面 ◎ Ø.003[.08] A 与此面垂直 NAMEPLATE DATA EXTERNAL CONNECTION DIAGRAM NOTES MODEL: C48K2N143C1C CUST PN: UST1102 HP: 1 SF: 1.1 ROT: CCWPE RPM: 3450 TYPE: UAC CODE: 1. 表面处理喷黑漆。 2. 移去后盖可见. 44[11.2]的扁身。 CODE: K GREEN (GROUND) FRAME: 56 FORM: 3. 不锈钢轴伸。 VOLTS: 115/230 4. 在轴承室测量的振动值最大震幅=.001[.03]。 HIGH VOLTAGE SHOWN. ROTATE DIAL CCW TO 115 FOR LOW VOLTAGE. AMPS: MAX AMPS: 13.4/6.7/ SF AMPS: -PH: 1 INS: B 5. 电机接高电压。 USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN. 端子板上包括快速改变电压的插销。 ACCEPTABLE FOR FIELD WIRING HZ: 60 MB: 50 6. 支撑衬垫需和电机一起包装 7. 电机组件参考: 617158-007 DUTY: CONT ENCLOSURE: ODP THERM. PROT. CEJ53CY ELECTRICAL PRODUCTS 形位公差 口 平面度 一 直线度 PERFORMANCE APPROVED 除另有注明 尺寸公差如下: **Smith** Cherry.Z 05-25-2010 COMPANY SAMPLE X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 ±0.5 ±0.13 ±0.013 ∠ 倾斜度 KG 05-25-2010 图纸格式版布 回期 02-22-2008 图纸格式版本 → 垂直度 川平行度 回度 角度 ±.50 度 清理毛刺和尖棱 UL COMPONENT CSA OUTLINE 第三角投影 FILE# FILE# GUIDE# 外形图 △ 面轮廓度 ○ 线轮廓度 E25022 XEWR2 LR43341 4211-01 机密:本图纸及相关信息所有权归A.O.SMITH公司所有。 未经A. O. SMITH公司书面授权,不得泄露、复制、传播或作 / 圆跳动 12427-005 → 位置度 ● 同轴度 - 对称度 其他用途。--版权所有 CUSTOMER DISTRIBUTION SERVICES ASME Y14.5M 1994 比例 NONE 1 米制尺寸显示在[] 4