Uncontrolled Copy 4 REV BY DATE APPD REV EC0 I.LOPEZ 09-08-2009 H.SANCHEZ 09-08-2009 0008802 12.364±.055 $[314.05 \pm 1.40]$ 2.57±.034 [65.28±.86] (5.06)(2.44)[(128.5)](62.0)[(17.3)] $(\emptyset 6.49)$ SCREW-(.13)[(ø164.9)] SCREW [(3.3)]1.91 _1.87 BONDING LUG- (45°) (45°) .19 X .09 X 1.15 48.5 47.5 [4.8 X 2.3 X 29.2] (2.01)(.06)KEYWAY [(51.1)][(1.5)](5.20)ø5.875 [ø1(49.23]) [(132.2)]O) **(III)** ø4.500 - ø4.497 ø114.30 114.22 ø.6250 .6245 ø15.875 15.862 (\$\phi 6.50) [(ø165.0)] (8.28) -SLINGÉR WHEN 1/2-14 N.P.S.M. [(210.4)] REQUIRED $4X \ 3/8-16 \ UNC-2B \ge$ GASKET UNDER. W/ CAP .75 [19.1] DEEP TYP. COVER (WHEN REQ'D.) 2.57 1.910 _1.870 _48.51 _47.50 [65.3] .53 [13.5] .16 [4.0] NAMEPLATE DATA EXTERNAL COMNECTION DIÀGRAM NOTES .372 _.362 7/16-20 UNF-2A R.H. THREAD MODEL: 177058 9.45 9.19 CUST PN: B973 HP: 3/4-.10 SF: 1.50 THE PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R. ROT: CW RPM: 3450/1725 A FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R. 2.00 SHAFT EXT. TYPE: CXPM MOTOR CONNECTION WITH TOGGLE SWITCH [50.8] (JET PUMP) TOGGLE SWITCH ø.6250 .6245 FORM: FRAME: M 56 J 3. SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R COMMON VOLTS: 115 ø15.874 15.861 4. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST OHIGH SPEED LINE 2 AMPS: AMPS: MAX AMPS: SF AMPS: 11.2/5.0 HZ: 60 ____O 3 OR 4 LOW SPEED 3 OR 4 5. FINISH PAINT TO BE BLACK - GAUGING POINT INS: B AMB: 40°C 6. FOR THREADED SHAFT EXT. MATING PARTS SHOULD BE RELIEVED ON THREAD TO CLEAR FILLET. .50 DUTY: CONT **ENCLOSURE: ODP** [12.7] INTERNAL EXCLUDER THERMALLY PROTECTED 1.00 SEAL [25.4] 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 PERFORMANCE APPROVED **ELECTRICAL PRODUCTS A**Smith **TREYES** 06-12-2006 COMPANY SAMPLE CURVE APPD: A DIVISION OF A. O. SMITH CORPORATION ANGULARITYPERPENDICULARITY (SQUARENESS)PARALLELISM 16331913 EDS DATE 01-21-2007 UL COMPONENT CSA THIRD ANGLE PROJECTION FORMAT REV F OUTLINE O ROUNDNESS (CIRCULARITY) FILE# FILE# CCN# 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.

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ASME Y14.5M 1994 PROFILE OF ANY SURFACE
PROFILE OF ANY LINE
RUNOUT E14663 XZWR2 LR4642 4211-01 DWG NO SIZE 12743-001 CUSTOMER DISTRIBUTION SHEET 1 SCALE NONE METRIC DIMS. SHOWN IN [BRACKETS] ASME Y14.5M 1994 4

Uncontrolled Copy 4 APROBADO POR: REVISION: ECO FECHA: REVISADO POR: FECHA: I.LOPEZ 09-08-2009 H.SANCHEZ 09-08-2009 0008802 12.364±.055 $[314.05 \pm 1.40]$ 2.57±.034 [65.28±.86] (5.06)(2.44)[(128.5)](62.0)[(17.3)] $(\emptyset 6.49)$ (.13)[(ø164.9)] [(3.3)]1.91 _1.87 (45°) (45°) .19 X .09 X 1.15 48.5 47.5 -[4.8 X 2.3 X 29.2] (2.01)(.06) [(51.1)][(1.5)](5.20)ø5.875 [ø1(49.23]) [(132.2)](O) **(III)** ø4.500 4.497 ø114.30 ø114.22 ø.6250 .6245 ø15.875 15.862 (ø6.50) [(ø165.0)] (8.28) [(210.4)] 2.57 1.910 _1.870 _48.51 _47.50 [65.3] .53 [13.5] .16 EXTERNAL CONNECTION DIAGRAM [4.0] NAMEPLATE DATA NOTES .372 -.362 -9.45 9.19 7/16-20 UNF-2A MODEL: 177058 CUST PN: B973 HP: 3/4-.10 SF: 1.50 ROT: CW RPM: 3450/1725 \triangle 56J 2.00 \triangle MOTOR CONNECTION WITH TOGGLE SWITCH TYPE: CXPM CODE: H [50.8] ø.6250 .6245 FORM: FRAME: M 56 J VOLTS: 115 ø15.874 15.861 OHIGH SPEED LINE 2 AMPS: MAX AMPS: SF AMPS: 11.2/5.0 LOW SPEED 3 OR 4 PH: 1 HZ: 60 INS: B AMB: 40°C .50 DUTY: CONT **ENCLOSURE: ODP** [12.7] THERMALLY PROTECTED 1.00 [25.4] CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

// PLANICIDAD

RECTITUD

ANGULARIDAD

I PERPENDICULLARIDAD (A ESCUADRA)

// PARALELISMO

O REDONDEZ (CIRCULARIDAD)

// CILINDRICIDAD

A PERFIL DE CUALQUIER SUPERFICIE

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

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 BORD.

PURC 1003-015 mm 0.1-04 PERFORMANCE APPROVED BUJADO POR: TREYES **ELECTRICAL PRODUCTS A**Smith 06-12-2006 COMPANY CURVE SAMPLE APROBADO POR: A DIVISION OF A. O. SMITH CORPORATION 16331913 DESCRIPCION: FECHA EDS: 01-21-2007 UL COMPONENT CSA REV. FORMATO: F TERCER ANGULO GUIDE# // PARALELISMO
O REDONDEZ (CIRCULARIDAD)
// CILINDRICIDAD
O PERFIL DE CUALQUIER SUPERFICIE
O PERFIL DE CUALQUIER LINEA
/ VARIACION
O POSICION REAL
O CONCENTRICIDAD
- SIMETRIA OUTLINE DE PROYECCION FILE# CCN# FILE# 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]

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SIN EL CONSENTIMIENTO ESCRITO DE A.O. SMITH CORP.
-TODOS LOS DERECHOS RESERVADOS. ASME Y14.5M 1994 NUMERO DE DIBUJO: 12743-001 E14663 XZWR2 LR4642 CUSTOMER DISTRIBUTION ESCALA:NONE HOJA: 1 4

Uncontrolled Copy 4 编制 I.LOPEZ 0008802 09-08-2009 H.SANCHEZ 09-08-2009 12.364±.055 [314.05±1.40] 2.57±.034 [65.28±.86] (5.06) [(128.5)] (2.44)(.68) [(17.3)] [(62.0)] (Ø6.49)(.13) [(3.3)] [(ø164.9)] 1.91 _1.87 (45°) (45°) .19 X .09 X 1.15 48.5 47.5 -[4.8 X 2.3 X 29.2] (2.01)(.06)[(51.1)] [(1.5)](5.20)ø5.875 [ø1(49.23]) [(132.2)] 0 **(III)** ø4.500 4.497 ø114.30 114.22 ø.6250 6245 ø15.875 15.862 (ø6.50) [(ø165.0)] (8.28) [(210.4)] 2.57 1.910 _1.870 _ 48.51 47.50 [65.3] .53 [13.5] .16 EXTERNAL CONNECTION DIAGRAM [4.0] NOTES NAMEPLATE DATA .372 _.362 _9.45 _9.19 7/16-20 UNF-2A MODEL: 177058 CUST PN: B973 HP: 3/4-.10 ROT: CW RPM: 3450/1725 TYPE: CXPM SF: 1.50 \triangle 56J \triangle 2.00 MOTOR CONNECTION WITH TOGGLE SWITCH [50.8] ø.6250 _ 6245 _ ø15.874 ø15.861 FORM: FRAME: M 56 J VOLTS: 115 MAX AMPS:

SF AMPS: 11.2/5.0

HZ: 60 HIGH SPEED LINE 2 LOW SPEED 3 OR 4 INS: B AMB: 40°C .50 DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED [12.7] 1.00 [25.4] APPROVED SAMPLE PERFORMANCE 形位公差 口 平面度 除另有注明 尺寸公差如下: Smith Innovation has a name **ELECTRICAL PRODUCTS** 06-12-2006 **TREYES** COMPANY CURVE __ 直线度 A DIVISION OF A. O. SMITH CORPORATION ∠ 倾斜度 16331913 图纸格式发布日期 01-21-2007 UL COMPONENT CSA 图纸格式版本 OUTLINE FILE# FILE# CCN# 英寸 .003 .015 毫米 0. 內國角 英寸 .020 毫米 0. 5 表面粗糙度 英制 125 米制 3. 2 机密:本图纸及相关信息所有权归A.O.SMITH公司所有。 E14663 XZWR2 LR4642 未经A.O. SMITH公司书面授权,不得泄露、复制、传播或作 12743-001 ◆ 位置度 ◎ 同轴度 二 对称度 其他用途。--版权所有 DISTRIBUTION CUSTOMER NONE 米制尺寸显示在[] ASME Y14.5M 1994 4