Uncontrolled Copy 4 REV BY APPD DATE YL 10-21-2010 TZ 10-21-2010 ECO-0014524 12.705 12.595 2.604 _2.536 _ 66.14 64.41 322.71 319.91 1.910 _1.870 _48.52 _47.50 (5.30)(2.44)[(134.6)] [(62.0)] SCREW (45°) SCREW--7/16–50 UNF–2A R.H. THREAD BONDING LUG -(2.27) [(57.7)] (5.50)[(139.7)] 1/2-14 N.P.S.M. W/ CAP 3/8-16 UNC-2B-.75[19.1] ▼ .53 [13.5] NAMEPLATE DATA **EXTERNAL** NOTES B MODEL: 165118 CUST PN: B638 HP: 3/4 ROT: CW RPM: 3450 TYPE: CX DETAIL A SF: 1.50 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE SCALE= 1.5:1 [4.1] WITHIN .004[.10] T.I.R. FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R. LOW VOLTAGE CODE: L FRAME: U 56 J 2.00 FORM: ₽ BROWN →B [50.8] VOLTS: 208-230/115 3. SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R AMPS: MAX AMPS: SF AMPS: 5.4-5.0/10.0 PH: 1 HZ: 60 INS: B AMB: 50 LINE LINE ø.6250 .6245 ø15.874 ø15.861 LINE A 4. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST WHITE LINE 9.45 9.20 9.20 A NON-REVERSIBLE AMB: 50°C DUTY: CONT **ENCLOSURE: ODP** -.50 THERMALLY PROTECTED 1.00 GAUGING POINT [25.4] GEOMETRIC CHARACTERISTICS & SYMBOLS

// FLATNESS

— STRAIGHTNESS ELECTRICAL PRODUCTS UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: PERFORMANCE APPROVED **A**Smith KHR 09-01-2005 DIM. IOLERANCES 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 COMPANY CURVE SAMPLE ∠ ANGULARITY

⊥ PERPENDICULARITY (SQUARENESS) 16380512 ____ EDS DATE 02-22-2008 UL COMPONENT CSA THIRD ANGLE PROJECTION \bigoplus FORMAT REV F OUTLINE FILE# CCN# 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 XEWR2 LR4642 4211-01 E14663 DWG NO ↑ RUNOUT → TRUE POSITION 12676-011 CUSTOMER DISTRIBUTION ASME Y14.5M 1994 SCALE NONE © CONCENTRICITY

SYMMETRY SHEET 1 METRIC DIMS. SHOWN IN [BRACKETS] 4

Uncontrolled Copy 4 APROBADO POR: REVISION: ECO REVISADO POR: FECHA: FECHA: 10-21-2010 TZ 10-21-2010 ECO-0014524 YL 12.705 12.595 2.604 _2.536 _66.14 _64.41 322.71 319.91 (5.30)(2.44)[(134.6)] [(62.0)] TORNILLO (45°) TORNILLO--7/16-50 UNF-2A ROSCA DERECHA UNION-EMPALME-(2.27)[(57.7)](5.50)[(139.7)] 1/2-14 N.P.S.M. CON TAPON 3/8-16 UNC-2B-.75[19.1] \forall .53 [13.5] NAMEPLATE DATA **EXTERNAL** NOTES B MODEL: 165118 CUST PN: B638 HP: 3/4 ROT: CW RPM: 3450 DETAIL A EL DIAMETRO DEL PILOTO ES CONCENTRICO A LA LINEA SF: 1.50 SCALE= 1.5:1 CENTRAL DE LA FLECHA DENTRO DE .004[.10] L.T.I. [4.1] LOW VOLTAGE 2 LA CARA DEL REBORDE ES PERPENDICULAR A LA LINEA TYPE: CX 2.00 FRAME: U 56 J FORM: © BROWN →B CENTRAL DE LA FLECHA DENTRO DE .004[.10] L.T.I. [50.8] VOLTS: 208-230/115 AMPS: MAX AMPS: SF AMPS: 5.4-5.0/10.0 PH: 1 HZ: 60 INS: B AMB: 50 LINE - LINE •L1 ø.6250 6245 3. LA OSCILACION DE LA FLECHA NO DEBE EXCEDER EL LI LINE .002[.05] L.T.I. WHITE -LINE ø.372 _ 0.362 _ 9.45 ø9.20 ø15.874 15.861 AMB: 50°C 4. EL JUEGO AXIAL NO DEBE EXCEDER .010[.25] AL NON-REVERSIBLE DUTY: CONT MEDIRSE SIN CONFIABILIDAD **ENCLOSURE: ODP** - .50 THERMALLY PROTECTED 1.00 PUNTO DE CALIBRACION [25.4] CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE CARACTERISTICAS DE CARACTERISTICAS DE CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE CARACTERISTICAS DE CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS DE CARACTERISTICAS DE CARACT IBUJADO POR KHR ELECTRICAL PRODUCTS PERFORMANCE APPROVED **A**Smith 09-01-2005 COMPANY CURVE SAMPLE APROBADO POR: 16380512 ----ANGULARIDAD

A PERPENDICULARIDAD (A ESCUADRA)

PARALELISMO

REDONDEZ (CIRCULARIDAD)

CLINDRICIDAD

PERFIL DE CUALQUIER SUPERFICIE

PERFIL DE CUALQUIER LINEA

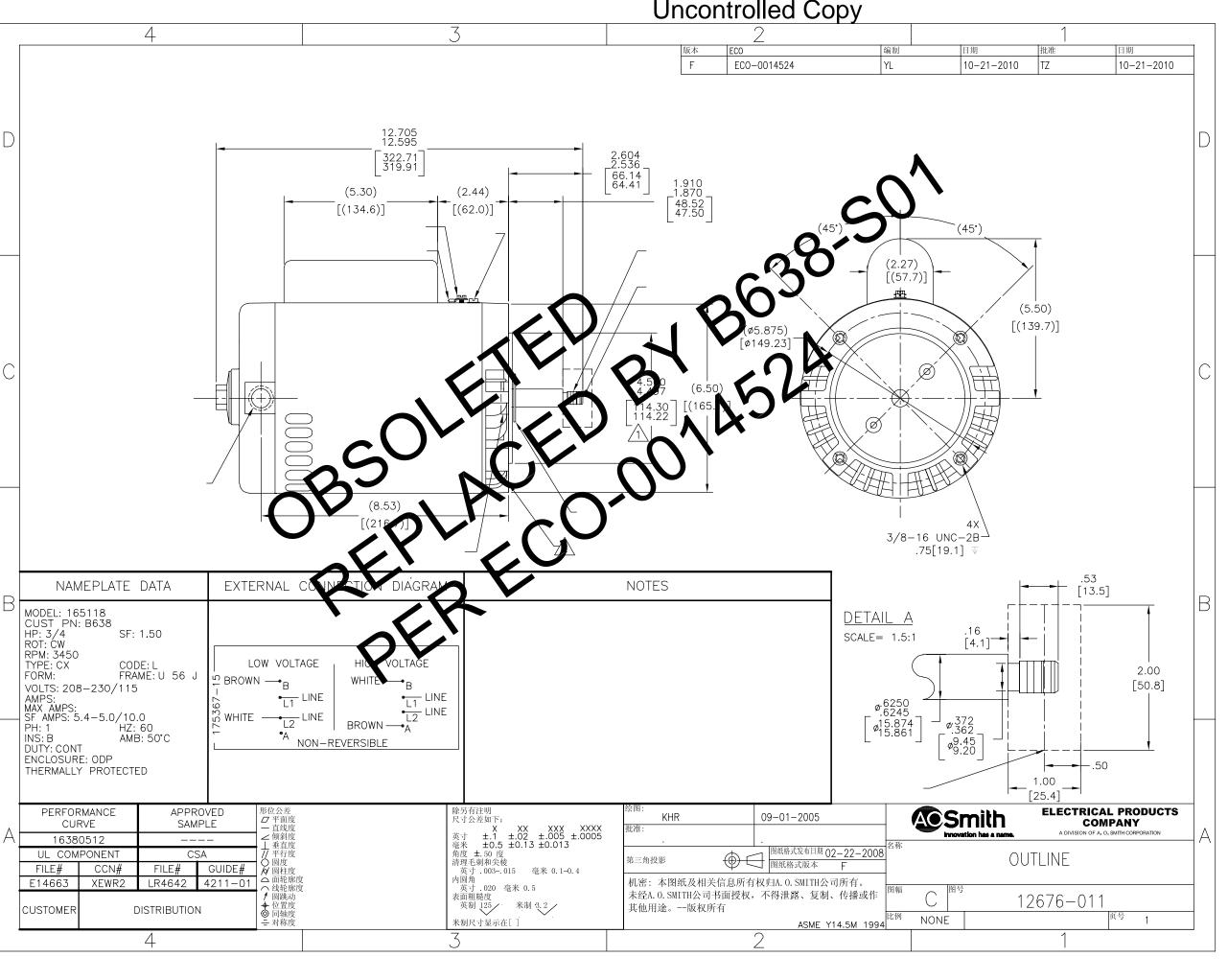
VARIACION DESCRIPCION FECHA EDS: 02-22-2008 UL COMPONENT CSA ERCER ANGULO REV. FORMATO: F OUTLINE E PROYECCION FILE# CCN# FILE# GUIDE# ELIMINAN NEBBAS T UNILLAS TILOSAS SEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 DEL BORDE.

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]

DIMS METRICAS MOSTRADAS [PARENTESIS]

DIMS METRICAS MOSTRADAS [PARENTESIS] XEWR2 LR4642 4211-01 E14663 NUMERO DE DIBUJO: 12676-011 # VARIACION
POSICION REAL
O CONCENTRICIDAD
SIMETRIA CUSTOMER DISTRIBUTION HOJA: 1 4



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