Uncontrolled Copy 8 6 ECO-0022852 J. COX 10-06-2011 D. JAMORA 10-06-2011 8.75 -8-HOLES 1/4-20 UNC-2B TAP THRU EQUALLY SPACED ON 7.125 AND 6.250 B.C. DIA. .75 2-HOLES .25Ø-____.030[.76]M NAMEPLATE -.60 .007 MAX+ KWY. OFFSET FROM SHAF CENTERLINE -XV MIN. FOR KEYWAY & BORE DEPTH .562 .552 .398-► .281 .276 4.376 4.375 DIA. 4-HOLES 1.62Ø .015 MAX 3.827 3.825 DIA. 10.68 1.390 1.407 666 FOR TEST FIXTURE .68-TO LEAD MIN. 1.260² 1.263 DIA. \MARKER 6.318 6.268 SEE NOTE#2 .69 WIDE .69 WIDE-SLOT OPEN SLOT -M-.60-**→**1.27**►** .19 10.005 9.995 9.07 LEAD LENGTH FROM FRAME PER CUSTOMER SPECIFICATIONS. -12.28-LEADS TO BE BUNDLED WITH TIE CABLE 401315-02 -AT 15, 30 AND 45 INCHES STARTING AT 2 INCHES FROM NOTES: 1. MOUNTING FOR TRANSAMERICA DELAVAL SERIES MOTOR SHELL. SIC ROTOR SIZE 187 THRU 275 SUBMERSIBLE ALL DIMENSIONS SHOWN IN PARENTHESIS PUMP WITHOUT OPTIONAL MOUNTING FLANGE. REFERENCE ARE REFERENCE DIMENSIONS. ALL XC XS 2. TWO BOTTOM CUSTOMER MOUNTING HOLES ON A BS XVOTHER DIMENSIONS ARE TOLERANCED PER TYPE FRAME FORM 7.125 Ø BOLT CIRCLE TO BE EQUIDISTANT FROM THE FOLLOWING CHART UNLESS SC Y184TY S 13.05 .50 13.80 | 1.998 | 4.31 PLANE FORMED BY BOTTOM OF BASE WITHIN .089. OTHERWISE SPECIFIED. 02 SC Y184TY S 13.55 .50 14.30 1.998 4.31 GEOMETRIC CHARACTERISTICS & SYMBOLS

Z FLATNESS
— STRAIGHTNESS
— STRAIGHTNESS
— ANGULARITY

L PERPENDICULARITY (SQUARENESS)

Z PROFILE SE (CIRCULARITY)

C PROFILE OF ANY SURFACE
— PROFILE OF ANY LINE

RUNOUT

RINGULARITY

RINGULARITY

RINGULARITY

RINGULARITY

RINGULARITY

RINGULARITY

RINGULARITY

RINGULARITY

SYMMETRY "C" DIM. $= \pm .055[1.40]$ UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

X XX XXX XXXX
INCH ±1, ±.03 ±.010 ±.0005
mm ±0.8 ±0.25 ±0.013
ANG. ±2 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH. 0.03-.015 mm 0.1-0.4
CORNER FILLETS TO:
INCH. 0.20 mm 0.5
MACHINE SURFACES:
INCH. 1.25 mm 3.2

METROL DATE: SIGNAL AN INDACEPTED. 03 SC 14.55 .50 15.30 1.998 4.31 Y184TY S **ELECTRICAL PRODUCTS** Smith Innovation has a nar COMPANY
ADIVISION OF A O COMPANY 01-02-1991 **SHAFT EXT.** = $\pm .034[.86]$ 04 SC Y184TY S 15.30 .50 16.05 1.998 4.31 LEAD LENGTHS = $\pm 1.00[25.4]$ 01-02-1991 UNLESS OTHERWISE EXTENDED 05 SC Y184TY 12.80 .50 13.55 1.998 4.31 THIRD ANGLE PROJECTION FORMAT REV F S SPECIFIED

MATERIAL REF. | SURFACE FINISH MODEL-IHP THRU-BOLTS = $\pm .050[1.27]$ 06 SC Y184TY 12.55 S .50 13.30 1.998 4.31 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 OUTLINE ANGULAR DIMS = ± 2 DEGS SC Y184TY 13.80 .50 14.55 1.998 4.31 CLASS S 363720 180 5 1920 SCALE NONE SC M184TY 12.05 .50 12.80 1.998 4.31 SHEET 1 S DO NOT SCALE DRAWING METRIC DIMS. SHOWN IN [BRACKETS] 8 6

Uncontrolled Copy 8 6 REVISION: ECO REVISADO POR: APROBADO POR: ECO-0022852 J. COX 10-06-2011 D. JAMORA 10-06-2011 8.75 -8-HOLES 1/4-20 UNC-2B TAP THRU EQUALLY SPACED ON 7.125 AND 6.250 B.C. DIA. .75 2-HOLES .25Ø-____.030[.76]M NAMEPLATE -.60 .007 MAX-KWY. OFFSET FROM SHAF CENTERLINE -XV MIN. FOR KEYWAY & BORE DEPTH .562 .552 .398-► .281 .276 4.376 4.375 DIA. 4-HOLES 1.62Ø .015 MAX 3.827 3.825 DIA. 10.68 1.390 1.407 666 FOR TEST FIXTURE .68-TO LEAD MIN. 1.260² 1.263 DIA. \MARKER 6.318 6.268 SEE NOTE#2 .69 WIDE .69 WIDE-SLOT OPEN SLOT -M-.60-**→**1.27**►** .19 10.005 9.995 9.07 LEAD LENGTH FROM FRAME PER CUSTOMER SPECIFICATIONS. -12.28-LEADS TO BE BUNDLED WITH TIE CABLE 401315-02 -AT 15, 30 AND 45 INCHES STARTING AT 2 INCHES FROM NOTES: 1. MOUNTING FOR TRANSAMERICA DELAVAL SERIES MOTOR SHELL. SIC ROTOR SIZE 187 THRU 275 SUBMERSIBLE ALL DIMENSIONS SHOWN IN PARENTHESIS PUMP WITHOUT OPTIONAL MOUNTING FLANGE. REFERENCE ARE REFERENCE DIMENSIONS. ALL XS 2. TWO BOTTOM CUSTOMER MOUNTING HOLES ON A BS XC XVOTHER DIMENSIONS ARE TOLERANCED PER TYPE FRAME FORM 7.125 Ø BOLT CIRCLE TO BE EQUIDISTANT FROM THE FOLLOWING CHART UNLESS SC Y184TY S 13.05 .50 13.80 | 1.998 | 4.31 PLANE FORMED BY BOTTOM OF BASE WITHIN .089. OTHERWISE SPECIFIED. 02 SC Y184TY S 13.55 .50 14.30 1.998 4.31 CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES XXX PARACTERISTICAS DE LAS DIMS; SON LAS SIGUIENTES XXX PULG 12 ± 2.3 ± 0.70 ± 0.005 mm ± 0.8 ± 0.25 ± 0.013 mm ± 0.8 ± 0.013 mm ± 0.8 ± 0.25 ± 0.013 mm ± 0.8 ± 0. "C" DIM. $= \pm .055[1.40]$ 03 SC 14.55 .50 15.30 1.998 4.31 Y184TY S **ELECTRICAL PRODUCTS** Smith Innovation has a nar 01-02-1991 **SHAFT EXT.** = $\pm .034[.86]$ APROBADO POR RDP 04 SC Y184TY 15.30 .50 16.05 | 1.998 | 4.31 S UNLESS OTHERWISE

SPECIFIED

MATERIAL REF. SURFACE FINISH

FRAME CC CLASS

180 5 1920

D NOT SCALE DRAWING

- RECTITUD

ANGULARIDAD (A ESCUADRA)

PARALELISMO
O REDONDEZ (CIRCULARIDAD)

C CILILDRICIDAD
PERFIL DE CUALQUIER SUPERFICIE
PERFIL DE CUALQUIER LINEA

VARIACION
POSICION REA

© CONCENTRICIDAD

SIMETRIA LEAD LENGTHS = $\pm 1.00[25.4]$ 01-02-1991 05 EXTENDED SC Y184TY 12.80 .50 13.55 1.998 4.31 FECHA EDS: 02-22-2008
REV. FORMATO: F S TERCER ANGULO MODEL-IHP THRU-BOLTS = $\pm .050[1.27]$ DE PROYECCION DILIS BORDE.

PULG JOOJ — 0.15 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] 06 SC Y184TY NUMERO DE DIBUJO: 363720 S 12.55 .50 13.30 1.998 4.31 OUTLINE ANGULAR DIMS = ± 2 DEGS SC Y184TY 13.80 .50 14.55 1.998 4.31 S ESCALA:NONE SC M184TY 12.05 .50 12.80 1.998 4.31 S 8 6

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A DIVISION OF A. O. SMITH CORPO 04 SC Y184TY S 15.30 .50 16.05 1.998 4.31 LEAD LENGTHS = $\pm 1.00[25.4]$ RDP UNLESS OTHERWISE 05 SC Y184TY 12.80 .50 13.55 1.998 4.31 SPECIFIED / 平行度 / 個度 / 個柱度 S MODEL-IHP OUTLINE THRU-BOLTS = $\pm .050[1.27]$ 06 SC Y184TY 12.55 13.30 1.998 S .50 4.31 ANGULAR DIMS = ± 2 DEGS 机密:本图纸及相关信息所有权归A.O.SMITH公司所有。 SC Y184TY S 13.80 .50 14.55 1.998 4.31 CLASS 未经A.O. SMITH公司书面授权,不得泄露、复制、传播或作 D 363720 180 5 1920 其他用途。--版权所有 SC M184TY S 12.05 .50 12.80 1.998 DO NOT SCALE DRAWING NONE 米制尺寸显示在[] ASME Y14.5M 1994 8 6 4