Uncontrolled Copy 4 APPD REV ECO REV BY DATE P.ROJAS R.RASCON 04-26-2012 0025580 04-26-2012 12.56 [319.0]MOUNTING HOLES-3/8-16UNC-2B MAX.-11.13 #10-32- $\nabla$  OF SCREW IN CASTING=.625[15.88]  $[282.7]^{-1}$ GROUND SCREW 6.08 1.88 CAPACITOR HOUSING TO BE LOCATED-TOP OF-BINDING HEAD [154.4][47.8] WITHIN ±2.5° OF VERTICAL 2.25 NON SVRS STICKER [57.2]**\*** & OF END FRAME (P.E.) ON BACK SIDE CONSERVATIONIST -OF MOTOR  $.688^{+.016}_{-.125}$  \_ SHOULDER MUST BE SMOOTH TERMINALS-LABEL (1 REQ'D) 17.48+.41 & SQUARE WITH SHAFT (... .25[6.4] CENTERED ON TOP .13±.03 WIDE BLĀDES TOP OF - $[3.3 \pm .8]$ SERIAL LABEL BONDING LUG ON BACK SIDE R.015±.005 OF MOTOR [R.38±.13] -.031[.79] X 45° [4.1] 5.05 CHAMFER [128.3] ø.6250 .6245 ø15.875 15.862 ø<mark>4.500</mark> **4.49**7 ø5.63 USE COPPER CONDUCTORS ONLY ø114.30 114.22 [ø143.0] LATE TOP 1.50 \_ø.372 \_<sup>ø.</sup>362 ø9.45 9.19 ø5.875 ø6.500 [ø149.23] [ø165.11] BETWEEN 1/2-14 STRAIGHT PIPE THREAD 7/16-20UNF-2A THREAD-CENTERS MUST BE LOCATED WITHIN ±2° P.D..3995/.4037[10.147/10.254] OF HORIZONTAL & /\_ NAMEPLATE MUST BE CONCENTRIC TO SHAFT & WITHIN .003[.08] T.I.R. FIELD WIRING STICKER FACE & Ø4.497/4.500 — TOTAL HP STICKER [\$\psi 114.22 / 114.30] TENON MAX. RUNOUT OF SHAFT NOT MUST BE SQUARE & CONCENTRIC TO EXCEED .0015[.038] T.I.R. ATTACH SUPPORT PAD-WITH SHAFT WITHIN .004[.10] T.I.R. AT END OF SHAFT. 624365 TO MOTOR. NAMEPLATE DATA EXTERNAL CONNECTION DIAGRAM NOTES MODEL: K48A74A01 CUST PN: STS1102RV1 HP: 1.0/0.13 SF: 1. 1. FINISH PAINT TO BE PRIME COAT. SF: 1.5 ROT: CCWPE RPM: 3450/1725 .44[11.2] WRENCH FLATS ON SHAFT -FÖR ACCESS TO THIS WRENCH TYPE: F/C GREEN (GROUND) FLAT REMOVE END COVER. FRAME: 56J FORM: VOLTS: 230 STAINLESS STEEL SHAFT EXT. AMPS: MAX AMPS: 7.0/2.3 USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. SF AMPS: -LIMITS ON AMPLITUDE OF ACCEPTABLE FOR FIELD WIRING PH: 1 HZ: 60 VIBRATION MEASURED AT INS: B AMB: 50°C BEARING HOUSING=.001[.03]. DUTY: CONT **ENCLOSURE: ODP** 1.50 SF HP THERMALLY PROTECTED UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: PERFORMANCE GEOMETRIC CHARACTERISTICS & SYMBOLS APPROVED 09-25-2008 Keyun Gong. REGAL REGAL-BELOIT CORPORATION CURVE SAMPLE - STRAIGHTNESS NCH ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 DEG ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) 0345591 K48L2W9 J.Reynolds. 09-25-2008 DESCRIPTION THIRD ANGLE PROJECTION FORMAT REV G CSA UL COMPONENT MODEL-PFHP-48FR O ROUNDNESS (CIRCULARITY) REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: FILE# FILE# GUIDE# CCN# OUTLINE A PROFILE OF ANY SURFACE
OF ANY LINE
RUNOUT CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE E25022 XEWR2 LR43341 4211-01 THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL—BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL—BELOIT CORPORATION.

-ALL RIGHTS RESERVED. INCH .020 mm 0.5 MACHINE SURFACES: DWG NO STS1102RV1 # TRUE POSITION
OCONCENTRICITY INCH 125/ mm 3.2/ CUSTOMER DISTRIBUTION SERVICES SHEET 1 ASME Y14.5M 1994 METRIC DIMS. SHOWN IN [BRACKETS] 4



