

REV	ECO	REV BY	DATE	APPD	DATE
D	0030713	A.NAJERA	02-06-2013	J. DE LUNA	02-06-2013

TOP OF NON SVRS STICKER
ON BACK SIDE OF MOTOR

TOP OF SERIAL
LABEL ON BACK
SIDE OF MOTOR

RED
TO "LO"

WHITE
TO "COM"

BLACK
TO "HI"

1/2-14 N.P.T.

14.740±.055
[374.40±1.40]

(12.40)
[(314.9)]

(5.34)
[(135.5)]

.91
[23.0]

.411
[10.44]
10.19

(.19)
[(4.8)]

(.50)
[(12.7)]

(6.53)
[(165.9)]

90°

45°

(5.65)
[(143.4)]

φ.6250
.6245
φ15.874
φ15.861
[.002[.05]

◎ φ.004[φ.10] C

SLINGER

⊥ .004[.10] C

5.753
φ5.750
φ146.11
φ146.04

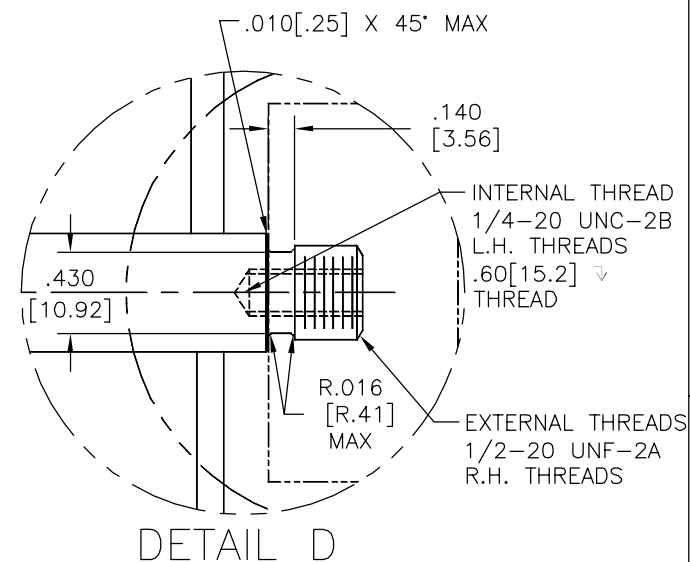
◎ φ.006[φ.15] C

-A-

4X
φ.425
[φ10.80]
HOLES

φ7.125
[φ180.98]
BORE
CIRCLE

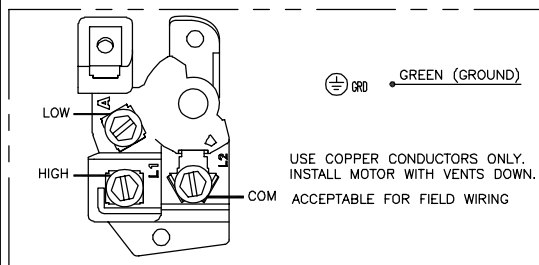
⊕ φ.020[φ.51] M A B



NAMEPLATE DATA

MODEL: 196446
CUST PN: B2987
HP: 3.0/0.38 SF: 1.15
ROT: CW
RPM: 3450
TYPE: CXCP CODE: C
FORM: KJM FRAME: Y56Y
VOLTS: 230
AMPS: 12.0/2.5
MAX AMPS:
SF AMPS: 15.0/2.6
PH: 1 HZ: 60
INS: F AMB: 50°C
DUTY: CONT
ENCLOSURE: ODP
THERMALLY PROTECTED

EXTERNAL CONNECTION DIAGRAM



NOTES

- FOR THREADED SHAFT EXT. ECCENTRICITY OF THREADED PORTION OF FOR THREADED SHAFT EXT. ECCENTRICITY OF THREADED PORTION OF ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.
- END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST.
- ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.
- FINISH PAINT TO BE BLACK.
- GREEN GROUND SCREW LOCATED UNDER COVER TO BE INSTALLED WITH A .09[2.3] MIN. GAP FOR EASY CONNECTION.
- 2.7 SF HP

PERFORMANCE CURVE

0116755

APPROVED SAMPLE

0701617

UL COMPONENT

CSA

FILE#

CCN#

FILE#

GUIDE#

E25022

PRGY2

LR4642

4211-01

CUSTOMER

DISTRIBUTION

GEOMETRIC CHARACTERISTICS & SYMBOLS

□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⊙ CYLINDRICITY
△ PROFILE OF ANY SURFACE
∩ PROFILE OF ANY LINE
/ RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:

INCH X XX XXX XXXX
±.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

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

J.ZHU

08-02-2011

APPD:

C.ZHOU

08-02-2011

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011
FORMAT REV H

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REGAL

REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-PFHP-56FR
OUTLINE

SIZE

C

DWG NO

B2987

SCALE

NONE

SHEET

1

BA