

PRODUCT INFORMATION PACKET



Model No: G131489.00

Catalog No: G131489.00

Obsolete,

by 131518.00 -.3HP..1760RPM.182TC.DP.230/460.3PH.60HZ.CONTINUOUS.40C.1.15SF.C FACE.C182T17DC28A..



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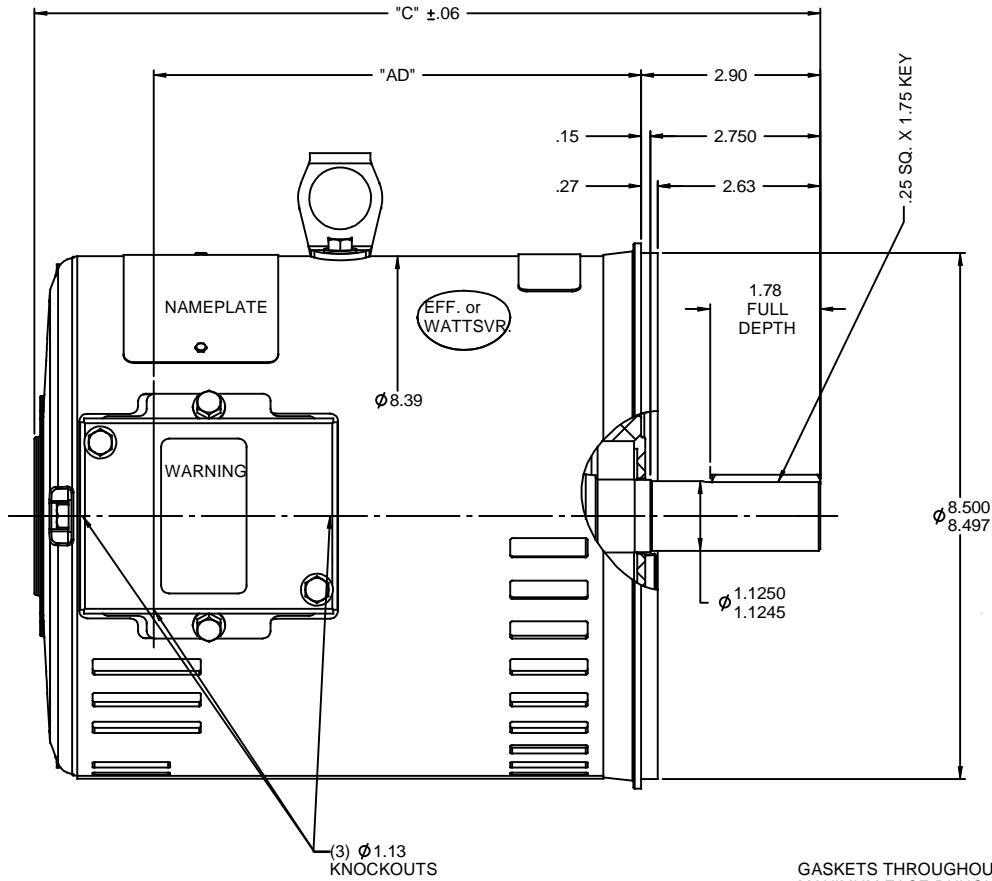
Nameplate Specifications

| | | | |
|------------------------|---------------------|----------------------------|---------------------|
| Phase | 3 | Output HP | 3 & 2 Hp |
| Output KW | 2.2 & 1.5 kW | Voltage | 230/460 & 190/380 V |
| Speed | 1760 & 1475 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 182TC | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Efficiency | 86.5 & 87 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 8.8/4.4 & 7.8/3.9 A | Power Factor | 73 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | K |
| Drive End Bearing Size | 6206 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 22 |
| Number of Speeds | 1 | | |

Technical Specifications

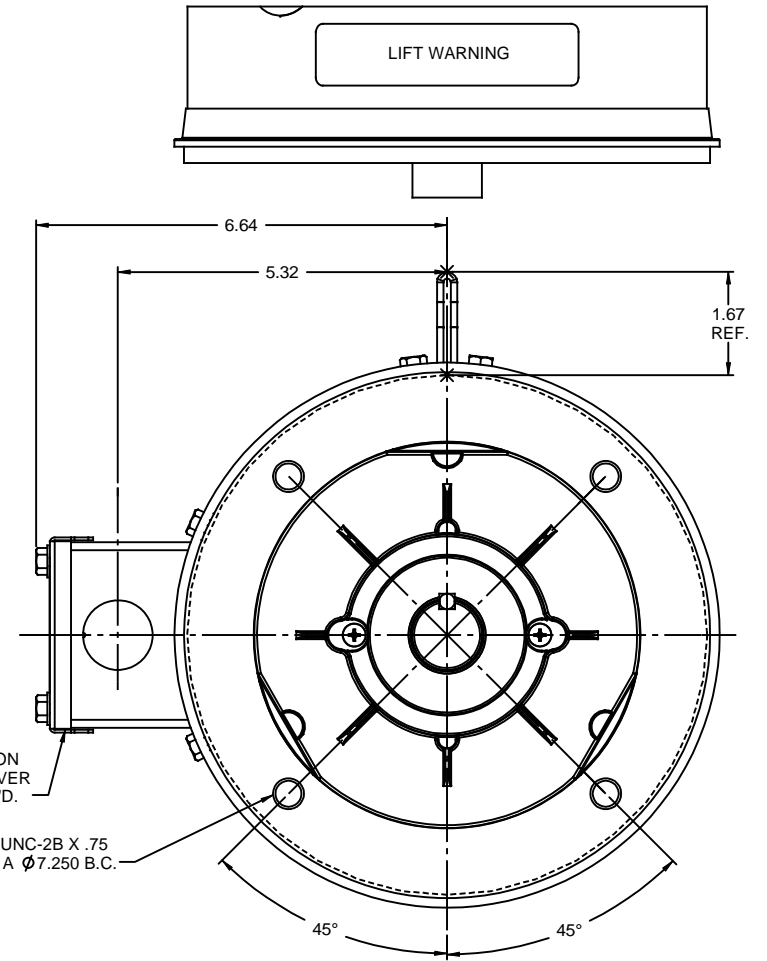
| | | | |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 4.85 Ohms | Mounting | Round |
| Motor Orientation | VERIFY | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | T | Assembly/Box Mounting | VERIFY |
| Outline Drawing | 035344-850 | Connection Drawing | 005010.01 |

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DECAL-
CONNECTION
UNDER COVER
WHEN REQ'D.

(4) 1/2-13 UNC-2B X .75
DEEP ON A Ø7.250 B.C.



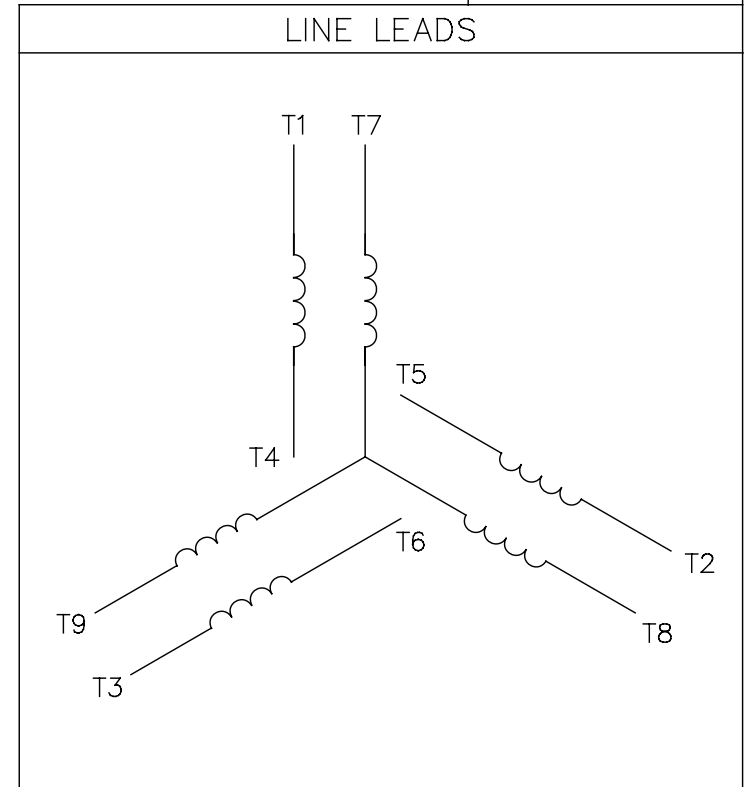
GASKETS THROUGHOUT
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

| DASH NO. | "C" | "AD" |
|----------|-------|-------|
| 850 | 12.70 | 7.88 |
| 900 | 13.20 | 8.38 |
| 950 | 13.70 | 8.88 |
| 1000 | 14.20 | 9.38 |
| 1050 | 14.70 | 9.88 |
| 1100 | 15.20 | 10.38 |
| 1150 | 15.70 | 10.88 |


| | | | | | | |
|----|---------------------------------|----------------|--------------------------------|--------|-----------------------------|-------------------|
| | | | TOLERANCES UNLESS SPECIFIED | | | DRAWN RDW 7/22/97 |
| | | | DEC INCHES | | | CHK PG 7/28/97 |
| | | | X ±.1 | | | APPR |
| | | | .XX ±.03 | | TITLE OUTLINE - 180TC FRAME | SCALE 1:2 |
| | | | .XXX ±.005 | | DRIP PROOF - "C" FACE | REF 035326 |
| - | UPDATED & REDRAWN TO SOLIDWORKS | LST 12/17/2009 | XX .XXX ±.0005 | | MATL | FMF |
| NO | REVISION | BY & DATE | CHK ANG ±1/2° | FINISH | | PAGE OF |
| | THIRD ANGLE PROJECTION | | RFP | PREV | SIZE B | DRAWING NO 035344 |
| | | | NETWORK FILE NAME | | | REV - |

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



| VOLTAGE | L1 | L2 | L3 | JOIN & INSULATE |
|---------|-------|-------|-------|-------------------------------|
| HIGH | T1 | T2 | T3 | (T4,T7) (T5,T8) (T6,T9) |
| LOW | T1,T7 | T2,T8 | T3,T9 | T4,T5,T6 |

| | | | | | | | | | | | | | | |
|--|-----------------------|--------------|------|--------------------------------|----------|---|----------|--|----------------------|--|------|-------------|--|------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | | | DRAWN RDW 04/12/02 | | | | | |
| | | | | DEC. | INCHES | | | | CHK | | | | | |
| | | | | .X | ±.1 | | | | APPD | | | | | |
| | | | | .XX | ±.01 | | | | SCALE 1=1 | | | | | |
| | | | | .XXX | ±.005 | TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR | | | REF FIG.2-51 | | | | | |
| A | UPDATED TO REGAL LOGO | SAJ 06/26/15 | AJY | .XXXX | ±.0005 | | | | MAT'L DECAL - 004014 | | | FMF | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | | | PREV | | | | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | RFP | | 04/12/02 | | CAD FILE | | 00501001 | | SIZE | DRAWING NO. | | REV. |
| | | | DIST | | BRF-NLV | | | | | | A | 005010-01 | | A |