

PRODUCT INFORMATION PACKET



Model No: 132525.00

Catalog No: 132525.00

132525.00..5HP/3HP..3510/2920RPM.184JM.TEFC.208/230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.ROUND

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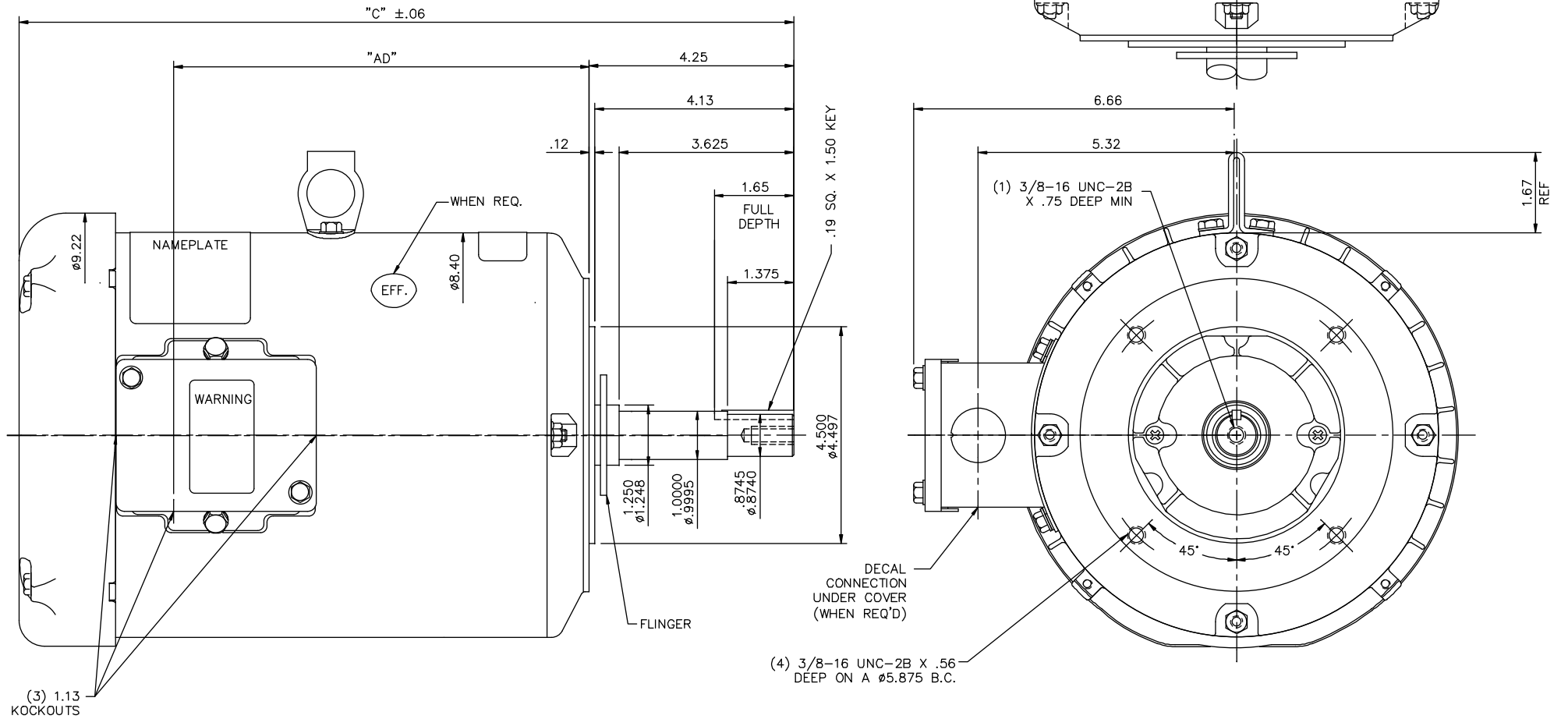
Nameplate Specifications

| | | | |
|------------------------|------------------|----------------------------|-----------------------------|
| Phase | 3 | Output HP | 5 & 3 Hp |
| Output KW | 3.7 & 2.2 kW | Voltage | 230/460 & 190/380 V |
| Speed | 3495 & 2920 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 184JM | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Efficiency | 88.5 & 87.5 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 12/6 & 9.2/4.6 A | Power Factor | 89.5 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | J |
| Drive End Bearing Size | 6207 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 2 | Rotation | Reversible |
| Resistance Main | 2.32 Ohms | Mounting | Round |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | JM | Assembly/Box Mounting | F1 ONLY |
| Outline Drawing | 035943LE-900 | Connection Drawing | 005010.01 |


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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.

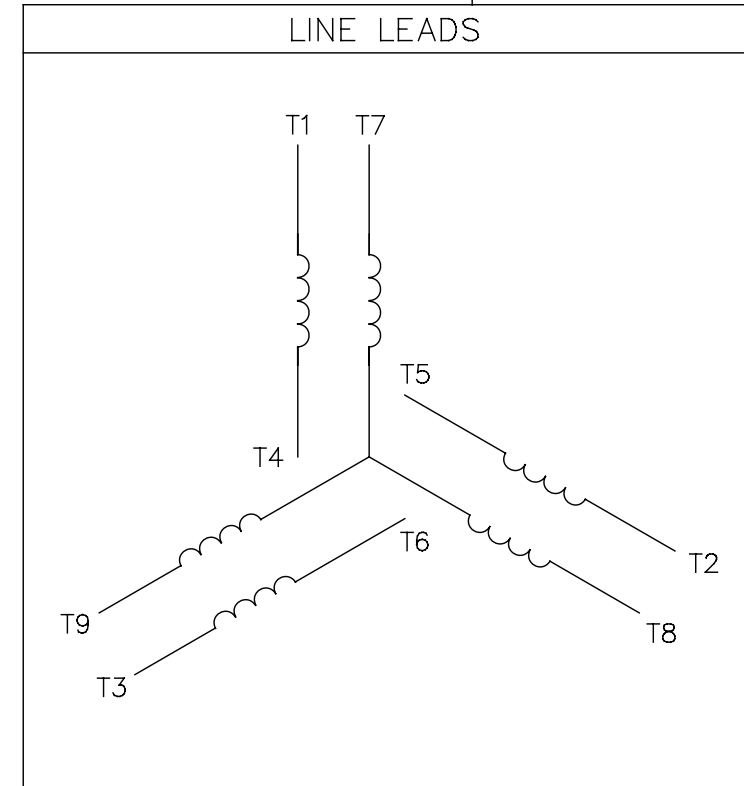
| DASH NO. | "C" | "AD" |
|----------|-------|-------|
| 800 | 15.09 | 7.63 |
| 850 | 15.59 | 8.13 |
| 900 | 16.09 | 8.63 |
| 950 | 16.59 | 9.13 |
| 1000 | 17.09 | 9.63 |
| 1050 | 17.59 | 10.13 |
| 1100 | 18.09 | 10.63 |
| 1150 | 18.59 | 11.13 |

GASKETS THROUGHOUT


| | | TOLERANCES UNLESS SPECIFIED | |  | ELECTRIC MOTORS GEARMOTORS AND DRIVES | DRAWN UD 01/08/14 | |
|---|----------|-----------------------------|--------|---|---|-------------------|-------------|
| | | DEC. | INCHES | | | CHK | SR 01/08/14 |
| | | .X | ±.1 | | | APPD | |
| | | .XX | ±.03 | | | SCALE | 1=2 |
| | | .XXX | ±.005 | TITLE | OUTLINE - 180JM FRAME TEFC - ROUND "C" - JM PUMP | REF | 035943 |
| | | .XXXX | ±.0005 | | | FMF | |
| NO. | REVISION | BY & DATE | CHK | ANG | 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 | ANG | CAD FILE | 035943LE | SIZE |
| | | | DIST | ANG | | | DRAWING NO. |
| | | | | | | | 035943LE |
| | | | | | | | 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 | | |
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| | | | DIST BRF-NLV | | | | A | 005010-01 | A |