

# PRODUCT INFORMATION PACKET



Model No: 132363.00

Catalog No: 132363.00

Obsolete in the US,

ced by 132556.00 -.5HP..3600RPM.184TYZ.TEFC.208-230/460VAC.3PH.60HZ.CONT.40C.1.15 SF.2-Bolt SAE B.....

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## Nameplate Specifications

|                        |                     |                            |                             |
|------------------------|---------------------|----------------------------|-----------------------------|
| Phase                  | 3                   | Output HP                  | 5 & 3 Hp                    |
| Output KW              | 3.7 & 2.2 kW        | Voltage                    | 208-230/460 & 190/380 V     |
| Speed                  | 3510 & 2920 rpm     | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 184TZ               | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection       | Efficiency                 | 87.5 %                      |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz                  |
| Current                | 13-12/6 & 8.6/4.3 A | Power Factor               | 89                          |
| 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 Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 2                            | Rotation              | Reversible       |
| Resistance Main       | .5 Ohms                      | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Rolled Steel     |
| Shaft Type            | Single Special Extension     | Assembly/Box Mounting | F1 ONLY          |
| Inverter Load         | CONSTANT 10:1                |                       |                  |
| Outline Drawing       | 608-0007-900                 | Connection Drawing    | 005010.01        |

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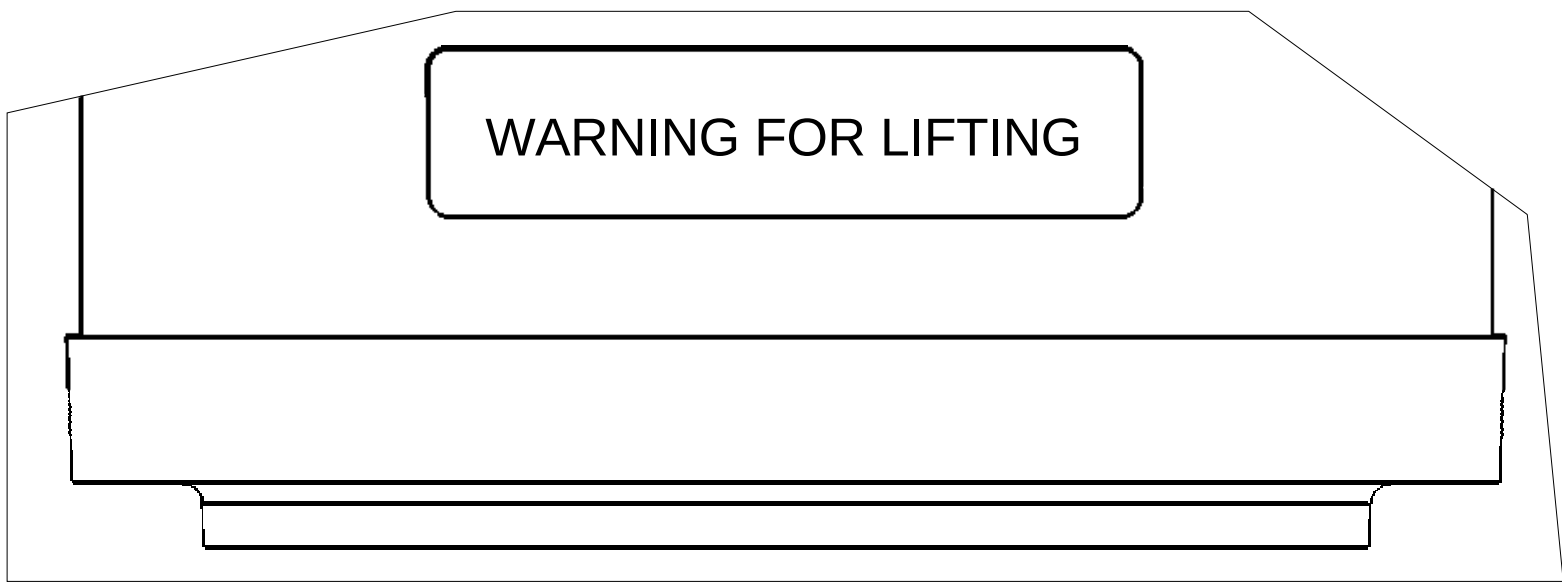
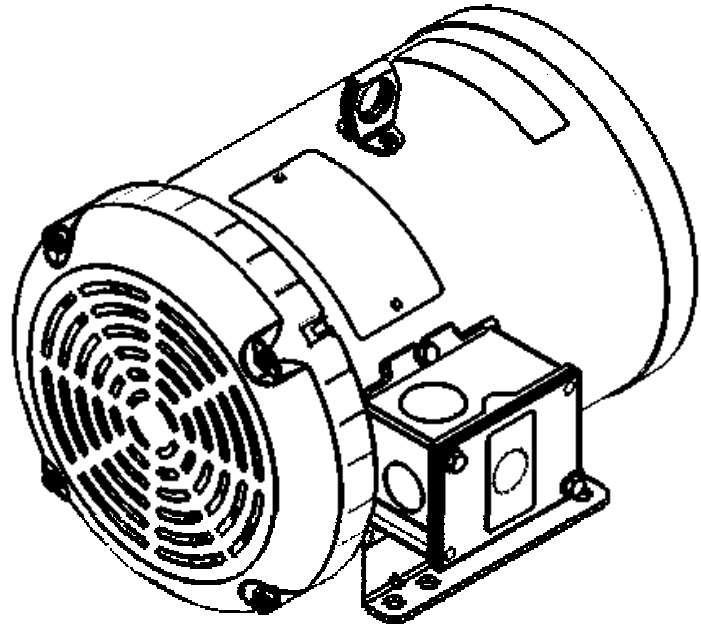
4

3

2

1

| PART NUMBER | ORACLE PART REV. | EDGE PART REV. |
|-------------|------------------|----------------|
| 608-0007    | 01               | B              |



B

B

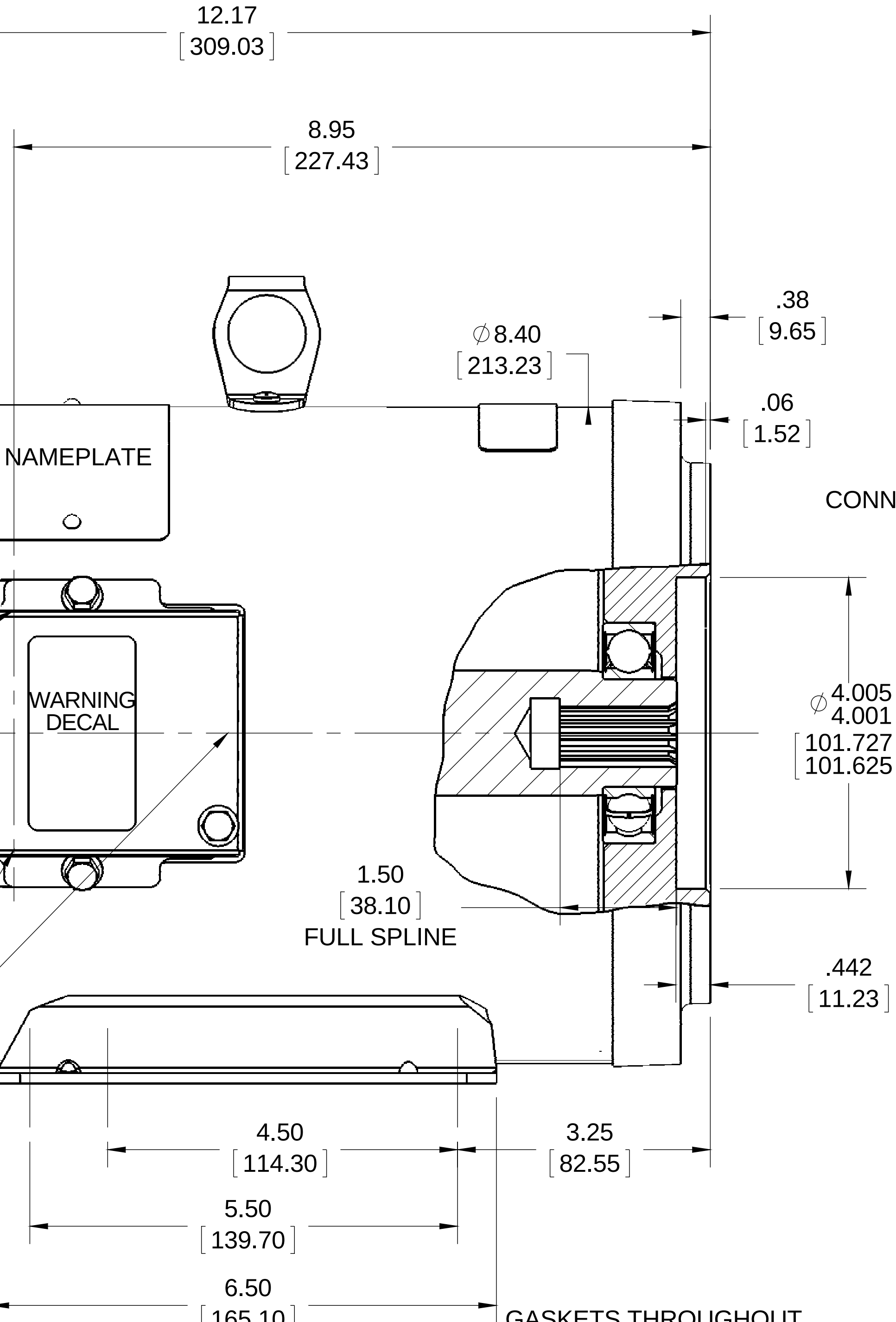
A

A

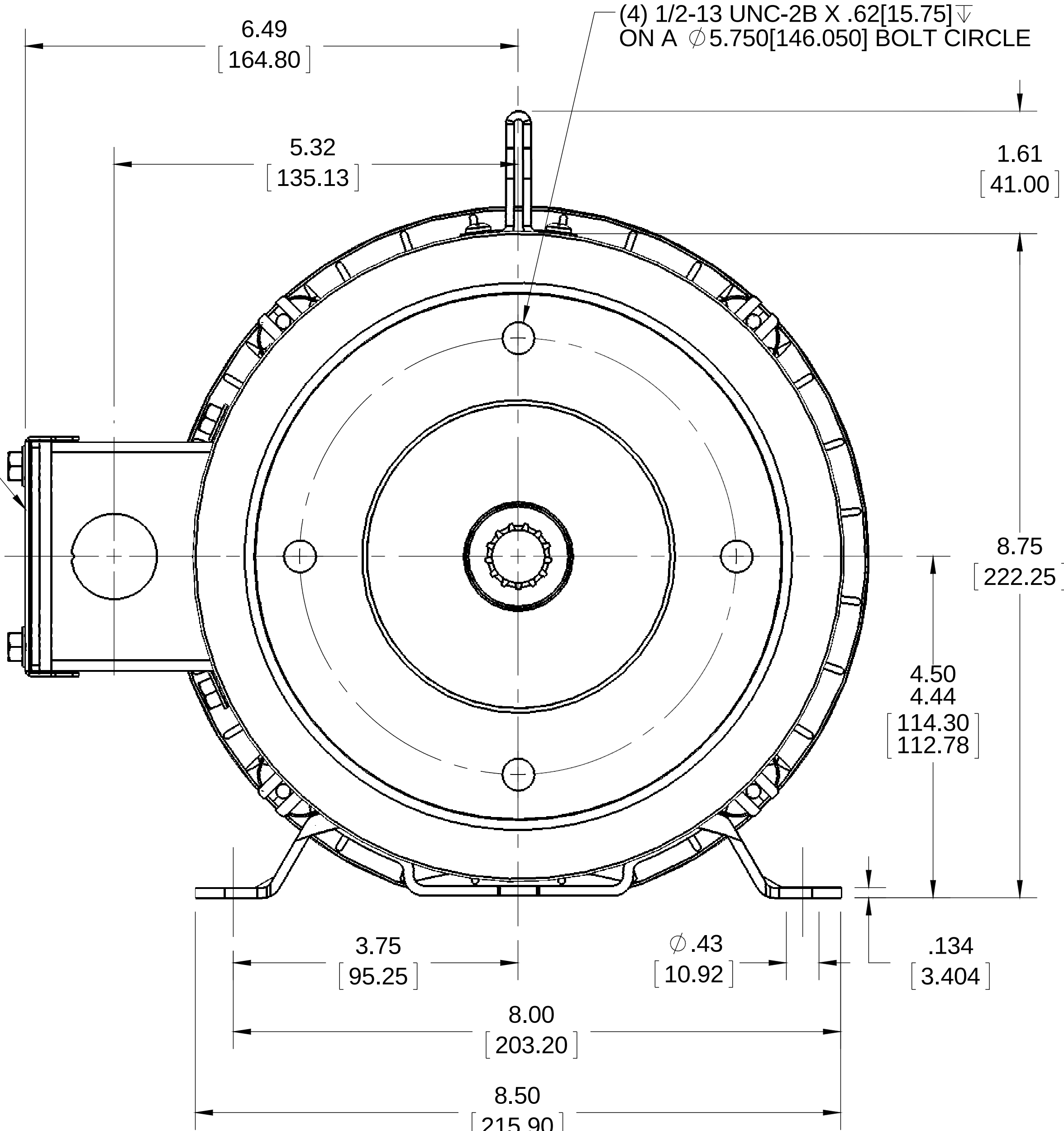
| INTERNAL INVOLUTE SPLINE FLAT ROOT SIDE FIT - CLASS 5 FIT |                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------|
| NO. OF TEETH                                              | 13                                                             |
| SPLINE PITCH                                              | 16/32                                                          |
| PRESSURE ANGLE                                            | 30°                                                            |
| BASE DIAMETER                                             | .7036 [17.8714] REF.                                           |
| PITCH DIAMETER                                            | .8125 [20.6375]                                                |
| MAJOR DIAMETER                                            | .897 [22.784] MAX                                              |
| FORM DIAMETER                                             | .879 [22.327]                                                  |
| MINOR DIAMETER                                            | .755/.750 [19.177/19.050]                                      |
| CIRCULAR SPACE WIDTH                                      |                                                                |
| MAXIMUM ACTUAL                                            | .1008 [2.5603]                                                 |
| MINIMUM EFFECTIVE                                         | .0982 [2.4943]                                                 |
| SIZE BETWEEN $\phi$ .108[2.743] PINS                      | BHT .654/.656 [16.612/16.662]<br>AHT .652/.654 [16.561/16.612] |
| ANSI B92.1-1996 PROVISIONS APPLY                          |                                                                |

(3)  $\phi$ 1.13 [28.70]  
KNOCKOUTS

| DASH NO | "C"   | "AD" |
|---------|-------|------|
| 900     | 12.17 | 8.95 |
| 1000    | 13.17 | 9.95 |



DECAL  
CONNECTION  
UNDER  
COVER  
WHEN  
REQ'D



| DRAWING REVISION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | REVISION BY | DATE     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SS          | 03/22/16 |
| ECO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | APPROVED BY | DATE     |
| ECO-0098710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SS          | 03/22/16 |
| ECO DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |          |
| TABLE ADDED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |          |
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| TOLERANCES UNLESS OTHERWISE SPECIFIED:                  |              |                 |            |
|---------------------------------------------------------|--------------|-----------------|------------|
| DEC.                                                    | INCH         | mm              | ANGLE      |
| .X                                                      | $\pm$ 0.1    | [ $\pm$ 2.5]    | $\pm$ 0.5° |
| .XX                                                     | $\pm$ 0.03   | [ $\pm$ 0.76]   |            |
| .XXX                                                    | $\pm$ 0.005  | [ $\pm$ 0.127]  |            |
| .XXXX                                                   | $\pm$ 0.0005 | [ $\pm$ 0.0127] |            |
| REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] |              |                 |            |
| CORNER FILLETS: .02 [.51]                               |              |                 |            |
| MACHINED SURFACES: 125 INCH 3.2 mm                      |              |                 |            |
| mm SHOWN IN [BRACKETS]                                  |              |                 |            |

| DRAWN BY               | MITCH VERBICK |
|------------------------|---------------|
| DATE                   | 2/4/2014      |
| APPROVED BY            |               |
| DATE                   |               |
| PROCESS/FINISH         |               |
| THIRD ANGLE PROJECTION |               |



Regal Beloit America, Inc.

OUTLINE  
180 FR TEFC SAE B 2-BOLT

SIZE  
B

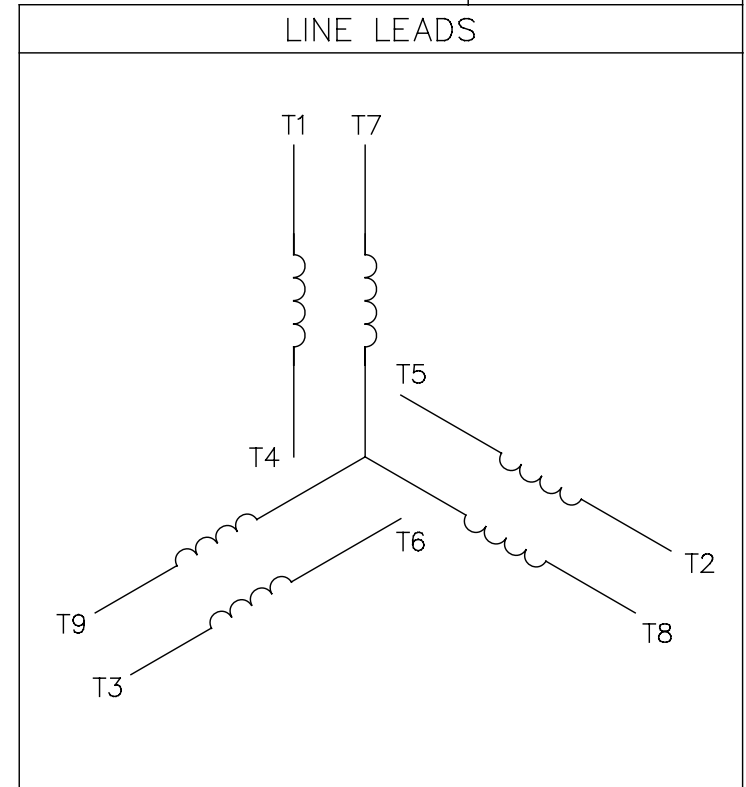
DRAWING NUMBER

608-0007

SHEET  
1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

|                                                                                                                                                                                                                                  |                       |              |     |                                |          |                                                                                                                         |                    |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------|-----|--------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------|--------------------|------|
|                                                                                                                                                                                                                                  |                       |              |     | TOLERANCES<br>UNLESS SPECIFIED |          |  <b>Regal Beloit America, Inc.</b> | DRAWN RDW 04/12/02 |      |
|                                                                                                                                                                                                                                  |                       |              |     | DEC.                           | INCHES   |                                                                                                                         | CHK                |      |
|                                                                                                                                                                                                                                  |                       |              |     | .X                             | ±.1      |                                                                                                                         | APPD               |      |
|                                                                                                                                                                                                                                  |                       |              |     | .XX                            | ±.01     |                                                                                                                         | SCALE 1=1          |      |
|                                                                                                                                                                                                                                  |                       |              |     | .XXX                           | ±.005    | <b>EXTERNAL WIRING DIAGRAM<br/>3 PHASE W/O PROTECTOR</b>                                                                | REF FIG.2-51       |      |
| A                                                                                                                                                                                                                                | UPDATED TO REGAL LOGO | SAJ 06/26/15 | AJY | .XXXX                          | ±.0005   |                                                                                                                         | FMF                |      |
| NO.                                                                                                                                                                                                                              | REVISION              | BY & DATE    | CHK | ANG                            | ±1/2"    | FINISH                                                                                                                  | PREV               |      |
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|                                                                                                                                                                                                                                  |                       |              |     | DIST                           | BRF-NLV  |                                                                                                                         |                    | A    |
|                                                                                                                                                                                                                                  |                       |              |     |                                |          |                                                                                                                         | DRAWING NO.        |      |
|                                                                                                                                                                                                                                  |                       |              |     |                                |          |                                                                                                                         | 005010-01          |      |
|                                                                                                                                                                                                                                  |                       |              |     |                                |          |                                                                                                                         | REV.               |      |
|                                                                                                                                                                                                                                  |                       |              |     |                                |          |                                                                                                                         | A                  |      |