

# PRODUCT INFORMATION PACKET



Model No: B199685.00  
Catalog No: B199685.00  
OBSOLETE REPLACED BY 182TTDBD6076

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### Nameplate Specifications

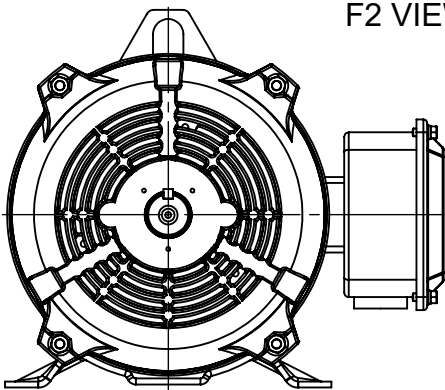
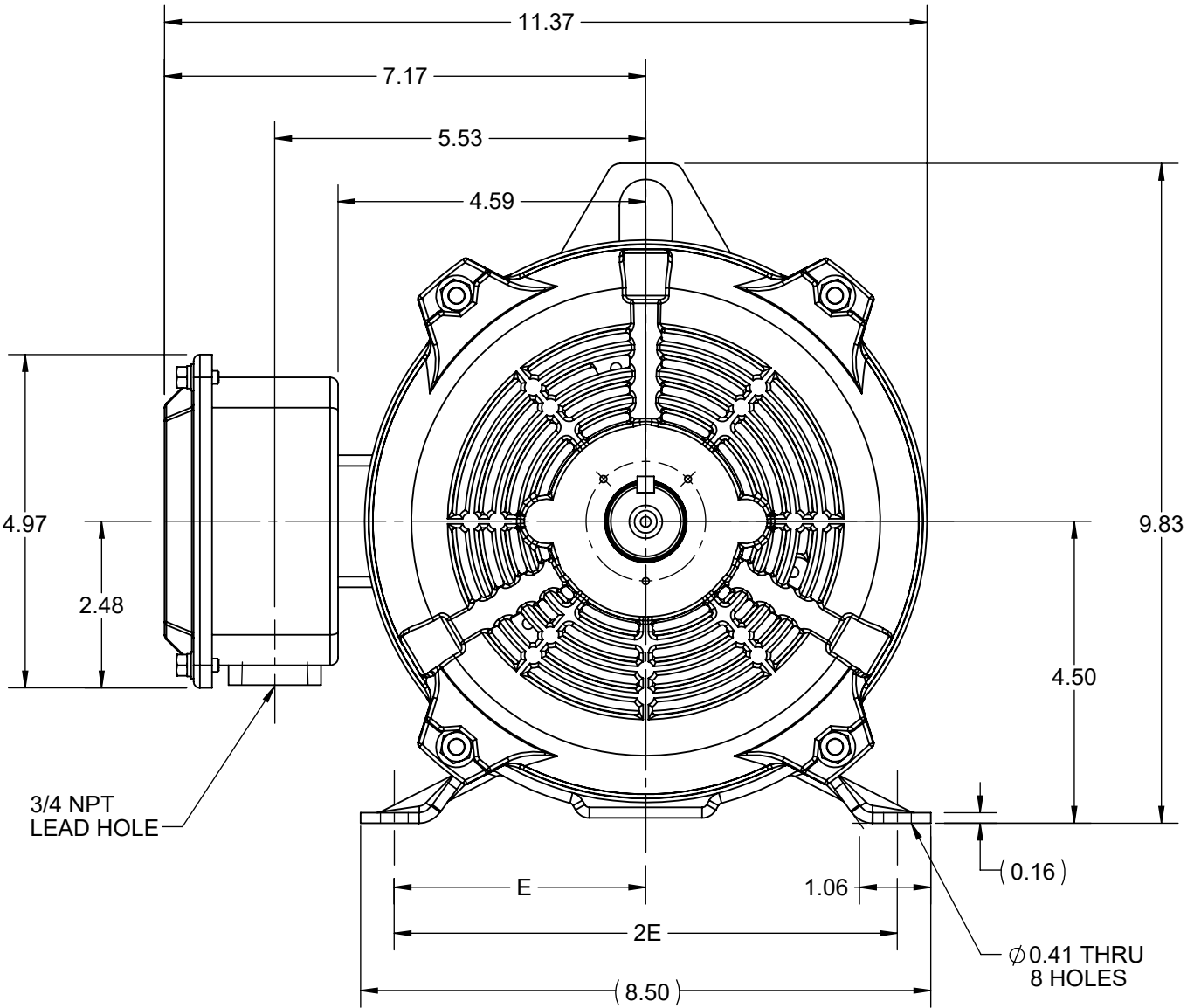
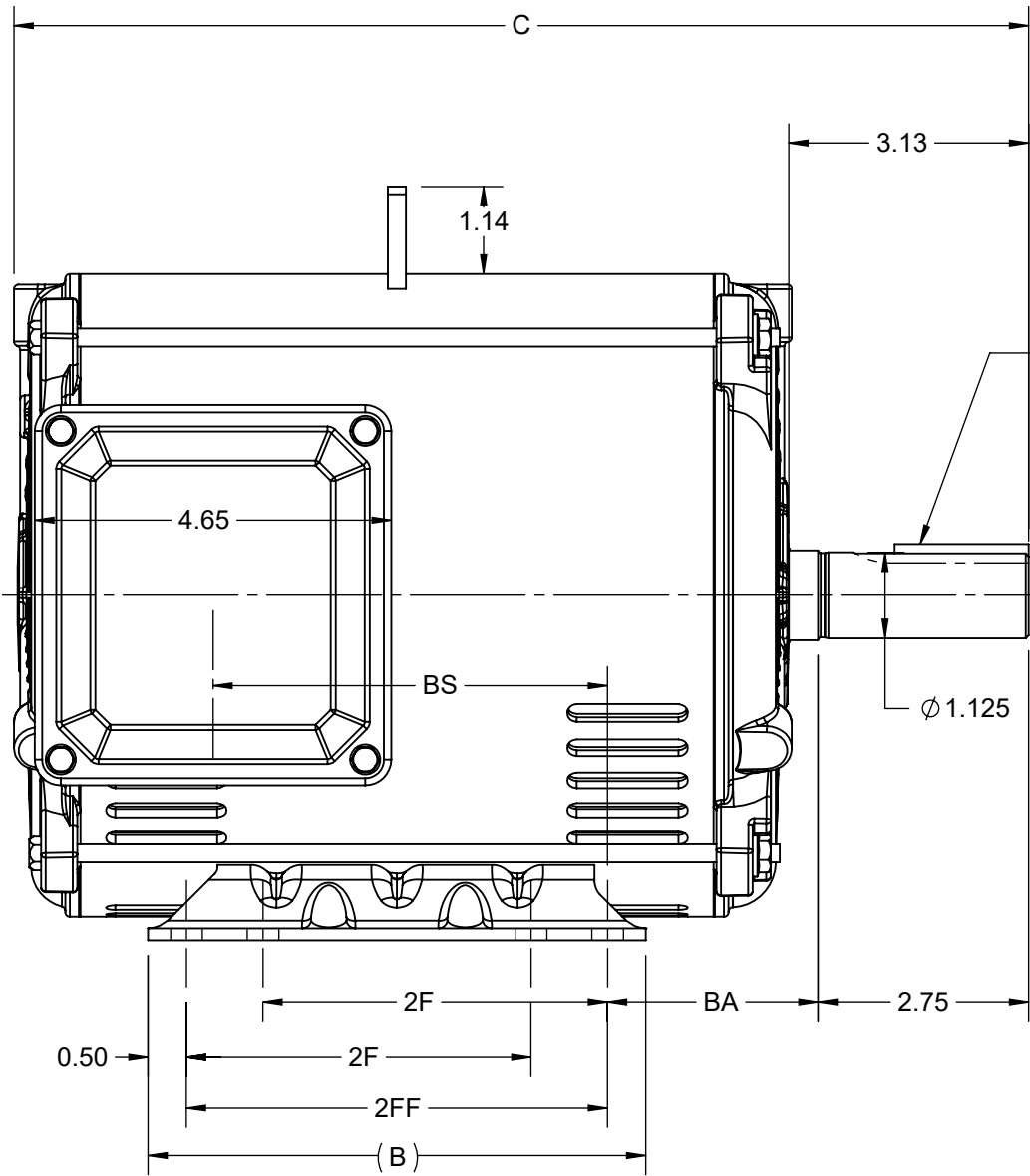
|                        |                     |                            |                     |
|------------------------|---------------------|----------------------------|---------------------|
| Phase                  | 3                   | Output HP                  | 1.50 & 1 Hp         |
| Output KW              | 1.1 & 0.75 kW       | Voltage                    | 230/460 & 190/380 V |
| Speed                  | 1180 & 985 rpm      | Service Factor             | 1.15 & 1.15         |
| Frame                  | 182T                | Enclosure                  | Drip Proof          |
| Thermal Protection     | No Protection       | Efficiency                 | 86.5 & 85.5 %       |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz          |
| Current                | 4.6/2.3 & 4.2/2.1 A | Power Factor               | 69.5                |
| Duty                   | Continuous          | Insulation Class           | F                   |
| Design Code            | B                   | KVA Code                   | M                   |
| Drive End Bearing Size | 6206                | Opp Drive End Bearing Size | 6203                |
| UL                     | Recognized          | CSA                        | Y                   |
| CE                     | Y                   | IP Code                    | 22                  |
| Number of Speeds       | 1                   |                            |                     |


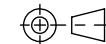
### Technical Specifications

|                       |                              |                       |                  |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
| Poles                 | 6                            | Rotation              | Reversible       |
| Resistance Main       | 8.55 Ohms                    | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Rolled Steel     |
| Shaft Type            | T                            | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Inverter Load         | CONSTANT 2:1/VARIABLE 10:1   |                       |                  |
| Outline Drawing       | SS600198                     | Connection Drawing    | EE7308           |

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| 4        |      |       |      | 3    |      |      |      | 2    |          |       | 1 |
|----------|------|-------|------|------|------|------|------|------|----------|-------|---|
| DASH NO. | B    | C     | E    | 2E   | 2F   | 2FF  | BA   | BS   | MOUNTING | FRAME |   |
| 100      | 6.50 | 12.25 | 3.75 | 7.50 | 4.50 | 5.50 | 2.75 | 4.15 | F1 OR F2 | 182T  |   |
| 200      |      | 13.25 |      |      |      |      |      | 5.15 |          | 184T  |   |



|   |                    |                               |  |   |  |                            |                 |
|---|--------------------|-------------------------------|--|---|--|----------------------------|-----------------|
| DRAWING REVISION<br>F   | REVISION BY<br>VS  | REV DATE/© DATE<br>24-06-2021 | PRIMARY DIMENSIONS ARE INCH<br>mm DIMENSIONS IN [BRACKETS]<br>ARE FOR REFERENCE ONLY | DRAWN BY<br>PRIYA   |  Regal Beloit America, Inc. |                            |                 |
| ECO<br>CR-0003090   | APPROVED BY<br>GNK | DATE<br>24-06-2021            |  | DATE<br>12/03/2018  |  |                            |                 |
| ECO DESCRIPTION   |                    |                               |  | APPROVED BY<br>SBD  | DESCRIPTION<br><br><b>OUTLINE</b><br>182/184T FR -NEMA-ODP RS  |                            |                 |
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|   |                    |                               |  | REFERENCE   | MATERIAL   | PROCESS/FINISH             |                 |
|   |                    |                               |  | THIRD ANGLE<br>PROJECTION  | SIZE<br>B  | DRAWING NUMBER<br>SS600198 | SHEET<br>1 OF 1 |



| NO.  | REVISION                                       | BY & DATE      | CHK | ANG   | TOLERANCES<br>UNLESS SPECIFIED |                 | DRAWN RM  | ML                 | OF     | REV. |
|--|--|----------------|-----|-------|--------------------------------|-----------------|---|--------------------|--------|------|
|  |  |                |     |       | DEC.                           | INCHES          |   |                    |        |      |
| 5  | CHG TO REGAL LOGO                              | SL 09/10/2015  | AB  |       |                                |                 |  <b>Regal Beloit America, Inc.</b> |                    |        |      |
| 4  | REVISED IEC NOTATIONS                          | MSG 11/15/2011 | CMN | .X    | ±.1                            |                 |   |                    |        |      |
| 3  | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010  | MJS | .XX   | ±.02                           |                 |   |                    |        |      |
| 2  | ADDED THE OPTIONAL CORD CONNECTION MU46318     | RDH 04/24/2003 | DRS | .XXX  | ±.005                          |                 |   |                    |        |      |
| 1  | REDRAWN  | RM 11/20/1990  |     | .XXXX | ±.0005                         |                 |   |                    |        |      |
|  |  |                |     |       | ±7'30"                         |                 | FINISH  |                    |        |      |
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|  |  |                |     |       | DIST WP                        |                 |   |                    |        |      |