

# PRODUCT INFORMATION PACKET



Model No: B199996.00  
Catalog No: B199996.00  
OBSOLETE REPLACED BY 324TTDBD6012

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### Nameplate Specifications

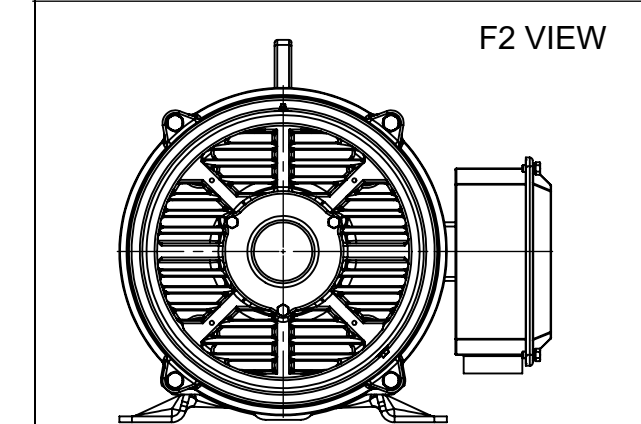
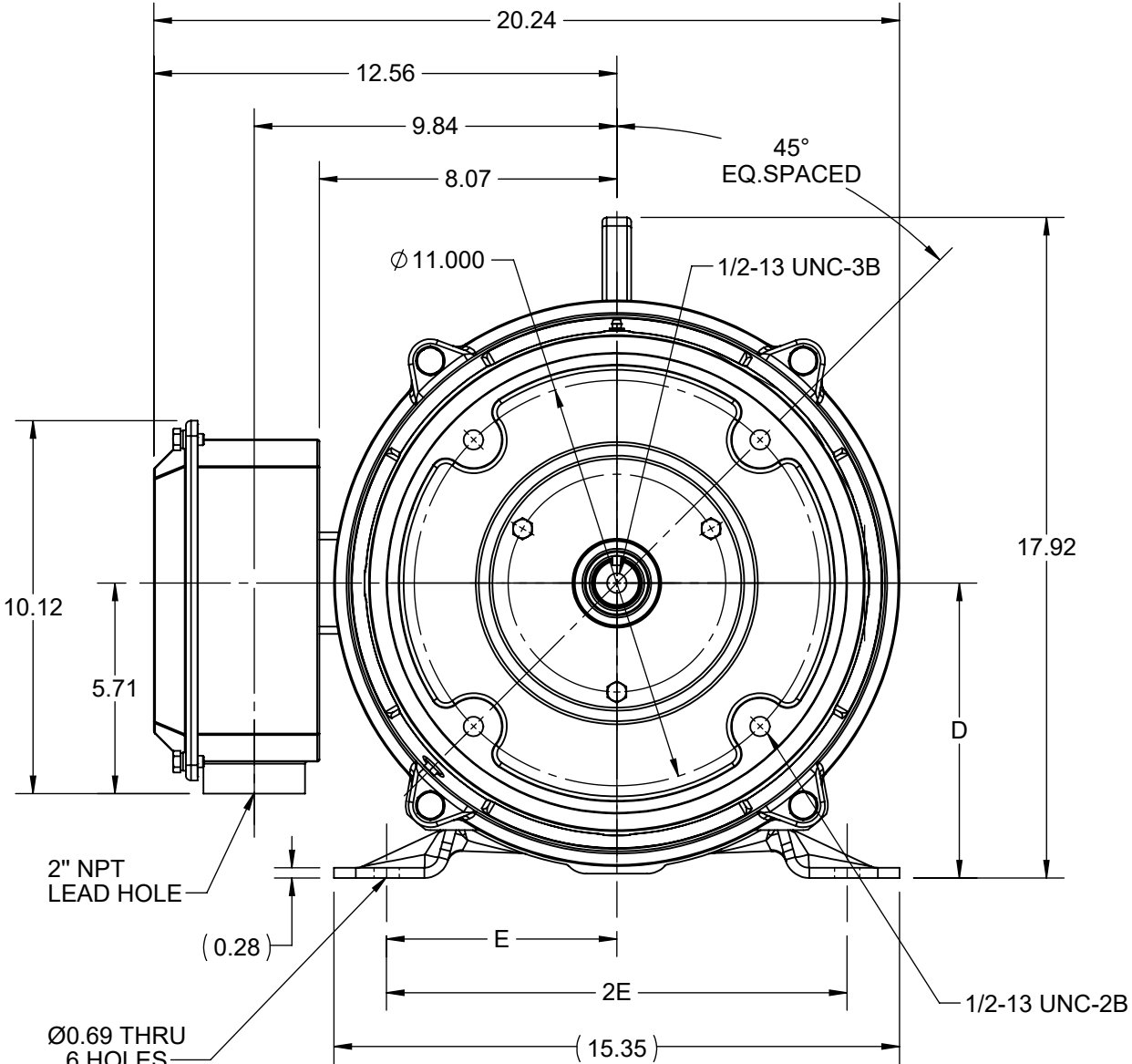
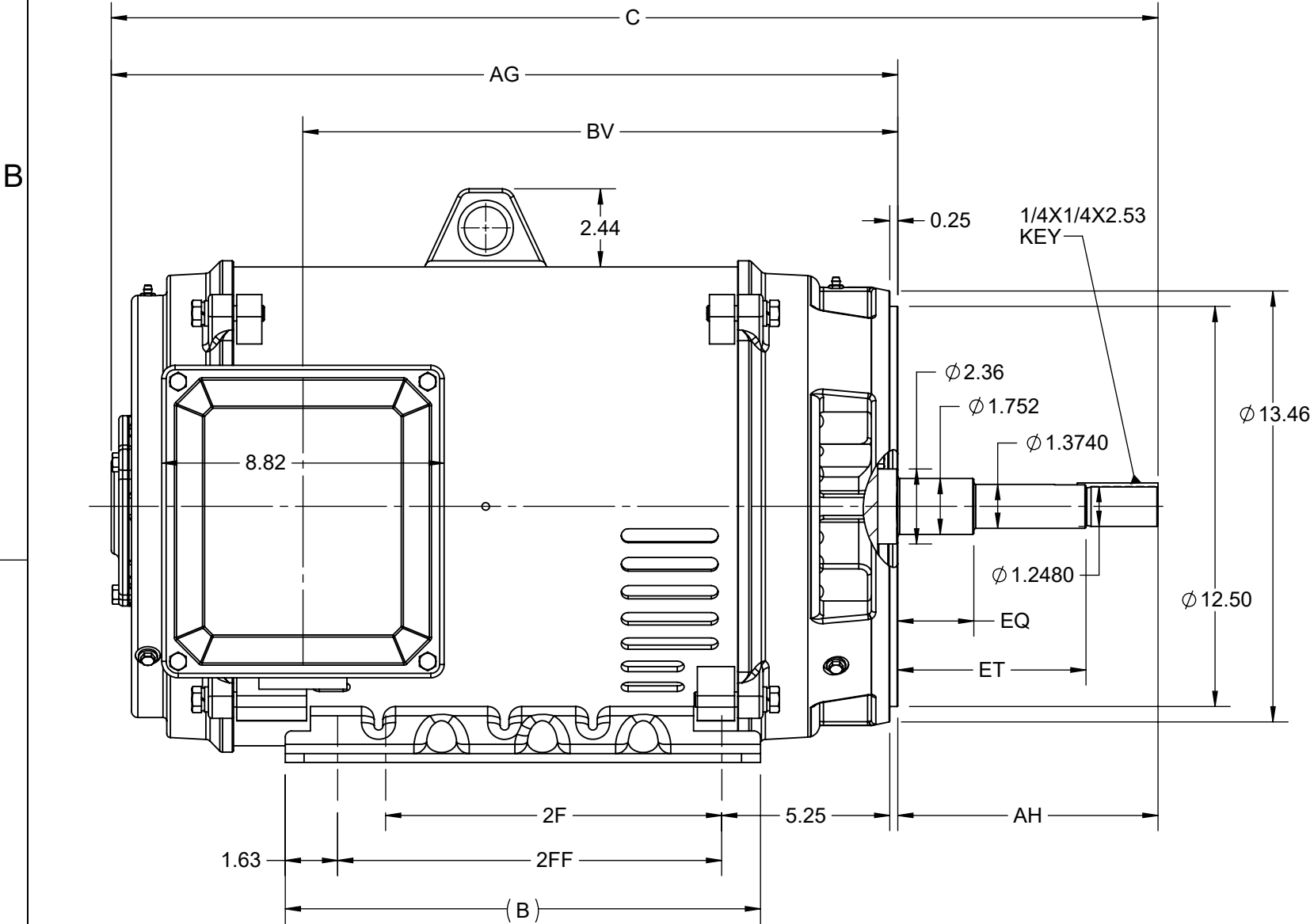
|                        |                     |                            |                     |
|------------------------|---------------------|----------------------------|---------------------|
| Phase                  | 3                   | Output HP                  | 50 & 40 Hp          |
| Output KW              | 37.0 & 30.0 kW      | Voltage                    | 230/460 & 190/380 V |
| Speed                  | 3565 & 2965 rpm     | Service Factor             | 1.15 & 1.15         |
| Frame                  | 324JP               | Enclosure                  | Drip Proof          |
| Thermal Protection     | No Protection       | Efficiency                 | 93 & 92.7 %         |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz          |
| Current                | 115/57.5 & 112/56 A | Power Factor               | 87.5                |
| Duty                   | Continuous          | Insulation Class           | F                   |
| Design Code            | B                   | KVA Code                   | F                   |
| Drive End Bearing Size | 6312                | Opp Drive End Bearing Size | 6212                |
| 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                 | 2                            | Rotation              | Reversible       |
| Resistance Main       | .1708 Ohms                   | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | JP                           | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Inverter Load         | VARIABLE 10:1                |                       |                  |
| Outline Drawing       | SS620812                     | Connection Drawing    | EE7308AA         |

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| 4        |       |       |      |      | 3     |       |       |       |       | 2     |      |      |          |       | 1 |  |  |  |  |
|----------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|----------|-------|---|--|--|--|--|
| DASH NO. | B     | C     | D    | E    | 2E    | 2F    | 2FF   | AG    | AH    | BV    | EQ   | ET   | MOUNTING | FRAME |   |  |  |  |  |
| 100      | 14.85 | 31.47 | 8.00 | 6.25 | 12.50 | 10.50 | 12.00 | 23.35 | 8.126 | 17.40 | 2.37 | 5.87 | F1 OR F2 | 324JP |   |  |  |  |  |
| 200      |       | 32.69 |      |      |       |       |       | 24.57 |       | 18.58 |      |      |          | 326JP |   |  |  |  |  |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|
| DRAWING REVISION<br>C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | REVISION BY<br>BS  | REV DATE/© DATE<br>27/01/2022 |
| REQUEST NUMBER<br>CR-0006568                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | APPROVED BY<br>SBD | DATE<br>27/01/2022            |
| REQUEST NUMBER DESCRIPTION<br>VIEWS UPDATED AS PER 3D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                               |
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|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------|
| DRAWN BY<br>XZ                                                                                               |  Regal Beloit America, Inc. |                            |
| DATE<br>25/02/2016                                                                                           |                                                                                                                  |                            |
| APPROVED BY<br>YW                                                                                            | DESCRIPTION<br>OUTLINE                                                                                           |                            |
| DATE<br>25/02/2016                                                                                           | 324/326JP FR NEMA ODP RS                                                                                         |                            |
| REFERENCE                                                                                                    | MATERIAL                                                                                                         | PROCESS/FINISH             |
| THIRD ANGLE PROJECTION  | SIZE<br>B                                                                                                        | DRAWING NUMBER<br>SS620812 |
|                                                                                                              |                                                                                                                  | SHEET<br>1 OF 1            |



## LOW VOLTAGE



## HIGH VOLTAGE



## VIEW OF TERMINAL END

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|
| DRAWING REVISION<br>K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REVISION BY<br>AJW    | DATE<br>07-17-2015 |
| ECO<br>ECO-0081632                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | APPROVED BY<br>T. VUE | DATE<br>07-17-2015 |
| ECO DESCRIPTION<br>REV'D IEC MARKINGS PER IEC 60034-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                    |
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|                           |                    |
|---------------------------|--------------------|
| DRAWN BY<br>LZ            | DATE<br>01-12-1994 |
| APPROVED BY<br>GK         | DATE<br>01-14-1994 |
| REFERENCE                 |                    |
| THIRD ANGLE<br>PROJECTION |                    |



Regal Beloit America, Inc.

DESCRIPTION  
**CONN DIAGRAM-EXTERNAL**  
 3Ø-2/1 DELTA-12 LEADS

|           |                            |
|-----------|----------------------------|
| MATERIAL  | PROCESS/FINISH             |
| SIZE<br>A | DRAWING NUMBER<br>EE7308AA |
|           | SHEET<br>1 OF 1            |