

# PRODUCT INFORMATION PACKET



Model No: 199748.00

Catalog No: 199748.00

Obsolete Replaced by B199748.00..30HP..3600RPM.284TSC.ODP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C  
FACE.....GEN PURPOSE.....

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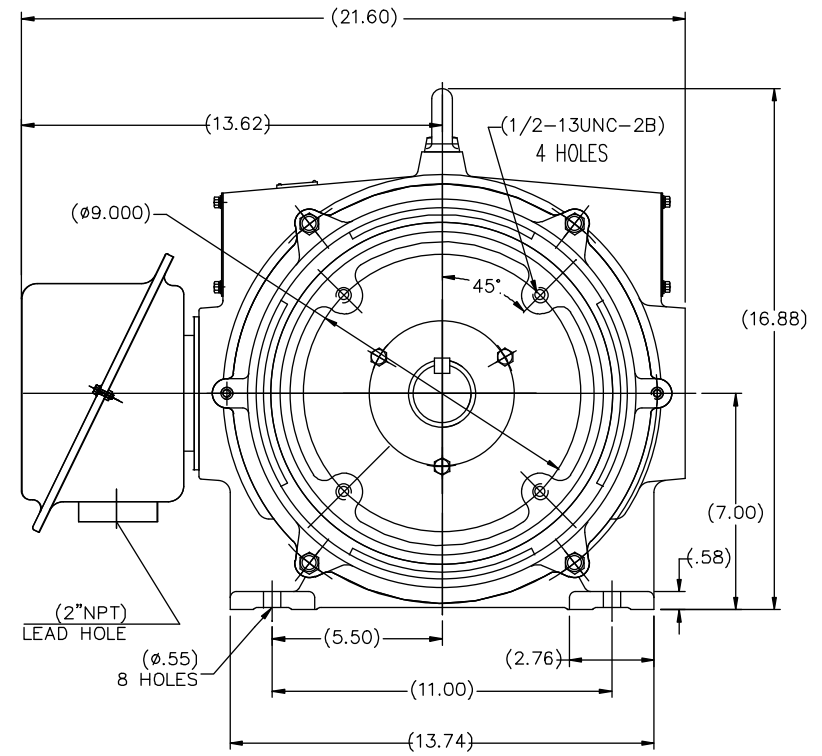
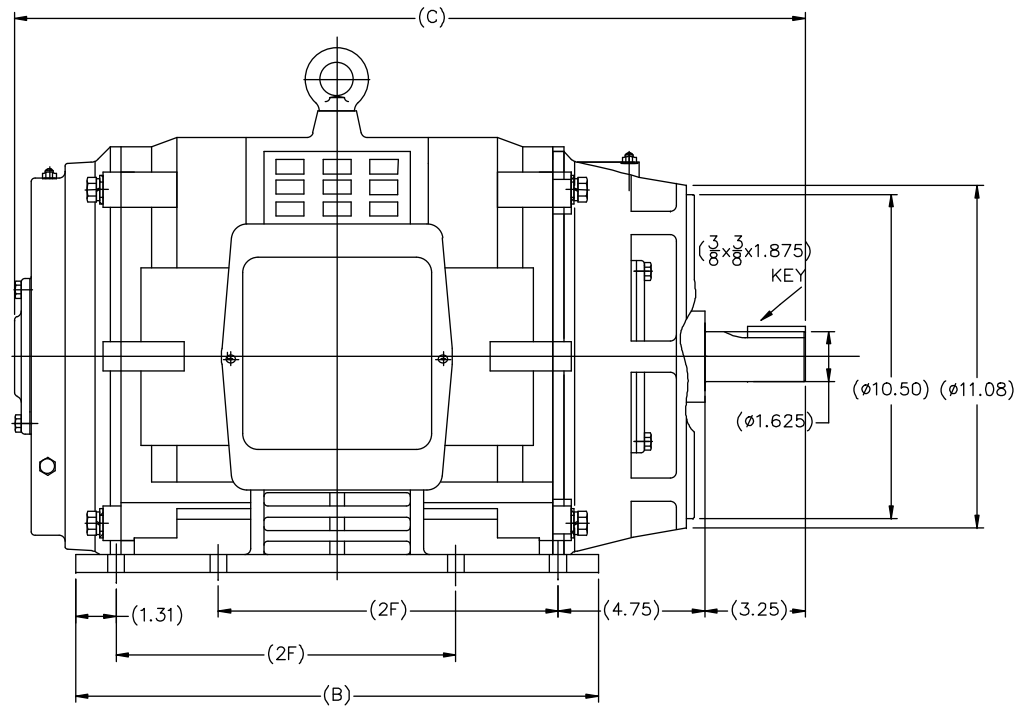
### Nameplate Specifications

|                        |                       |                            |                     |
|------------------------|-----------------------|----------------------------|---------------------|
| Phase                  | 3                     | Output HP                  | 30 & 25 Hp          |
| Output KW              | 22.4 & 18.7 kW        | Voltage                    | 230/460 & 190/380 V |
| Speed                  | 3553 & 2950 rpm       | Service Factor             | 1.15 & 1.15         |
| Frame                  | 284TSC                | Enclosure                  | Drip Proof          |
| Thermal Protection     | No Protection         | Efficiency                 | 91.7 & 91 %         |
| Ambient Temperature    | 40 °C                 | Frequency                  | 60 & 50 Hz          |
| Current                | 66.5/33.5 & 67.5/34 A | Power Factor               | 90                  |
| Duty                   | Continuous            | Insulation Class           | F                   |
| Design Code            | B                     | KVA Code                   | G                   |
| Drive End Bearing Size | 6211                  | Opp Drive End Bearing Size | 6211                |
| UL                     | Recognized            | CSA                        | N                   |
| CE                     | Y                     | IP Code                    | 12                  |
| Number of Speeds       | 1                     |                            |                     |

### Technical Specifications

|                       |                              |                       |                                 |
|-----------------------|------------------------------|-----------------------|---------------------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Wye Start Delta Run Or Inverter |
| Poles                 | 2                            | Rotation              | Reversible                      |
| Resistance Main       | .335 Ohms                    | Mounting              | Rigid Base                      |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball                            |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron                       |
| Shaft Type            | TS                           | Assembly/Box Mounting | F1/F2 CAPABLE                   |
| Inverter Load         | VARIABLE 10:1                |                       |                                 |
| Outline Drawing       | SS620659                     | Connection Drawing    | EE7308AA-LE                     |

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|        |       |       |     |
|--------|-------|-------|-----|
| 284TSC | 24.41 | 15.55 | 9.5 |
| 286TSC | 25.79 | 16.93 | 11  |
| FRAME  | C     | B     | 2F  |

|                                                                                                                                                                                                                                  |          |           | TOLERANCES<br>UNLESS SPECIFIED |        | REGAL Regal-Beloit Corporation            | DRAWN ZYH 11-05-2013 |       |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|--------------------------------|--------|-------------------------------------------|----------------------|-------|--------------------------|
|                                                                                                                                                                                                                                  |          |           | DEC.                           | INCHES |                                           | CHK                  |       |                          |
|                                                                                                                                                                                                                                  |          |           | .X                             | ±.1    | TITLE<br>284/286TSC FR. - ODP - CAST IRON | APPD                 |       |                          |
|                                                                                                                                                                                                                                  |          |           | .XX                            | ±.03   |                                           | SCALE                | 5=18  |                          |
|                                                                                                                                                                                                                                  |          |           | .XXX                           | ±.005  |                                           | REF                  |       |                          |
|                                                                                                                                                                                                                                  |          |           | .XXXX                          | ±.0005 |                                           | FMF                  | HWADA |                          |
| NO.                                                                                                                                                                                                                              | REVISION | BY & DATE | CHK                            | ANG    | FINISH                                    | PREV                 |       |                          |
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|                                                                                                                                                                                                                                  |          |           |                                |        | DIST                                      |                      | B     | SS620659                 |

