

# PRODUCT INFORMATION PACKET



Model No: 449TTDN7086

Catalog No: H820

300 HP General Purpose Motor, 3 phase, 1200 RPM, 460 V, 449T Frame, ODP  
General Purpose Motors

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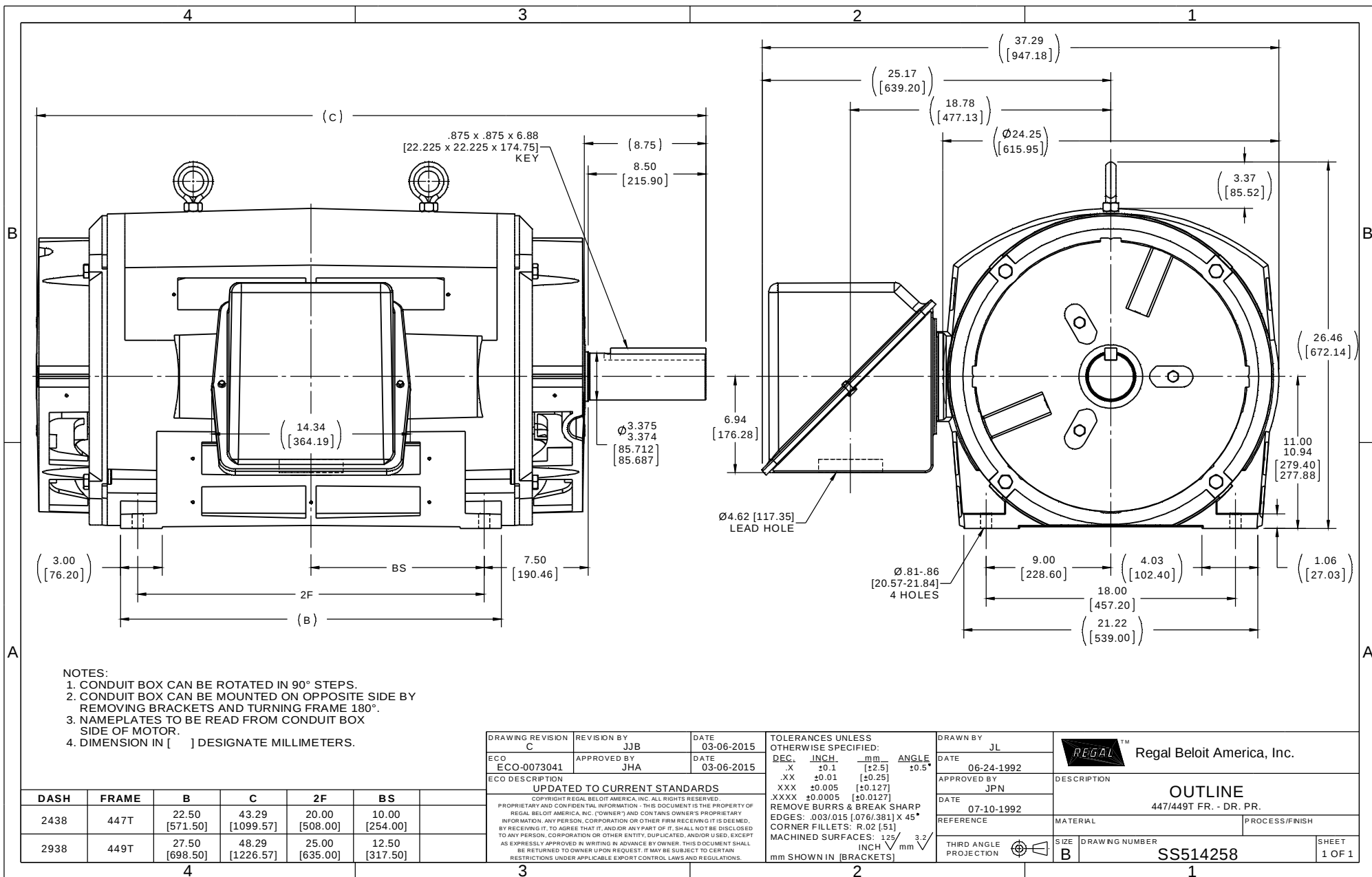
**Nameplate Specifications**

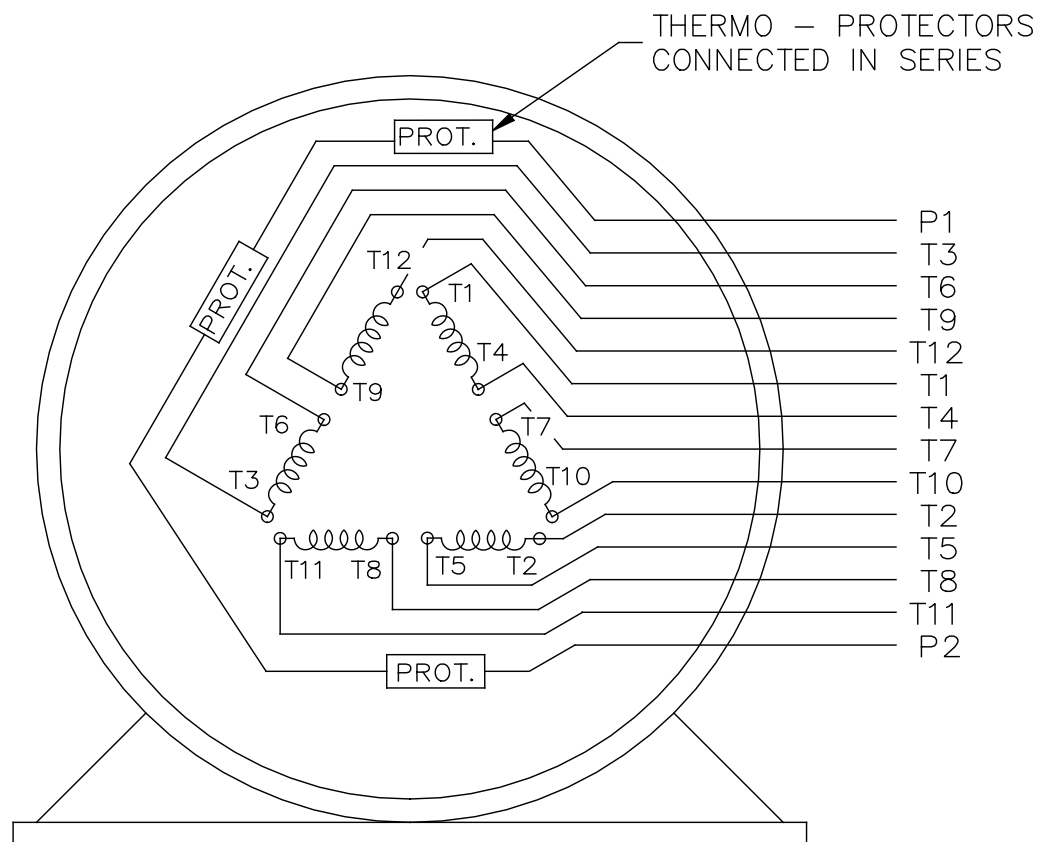
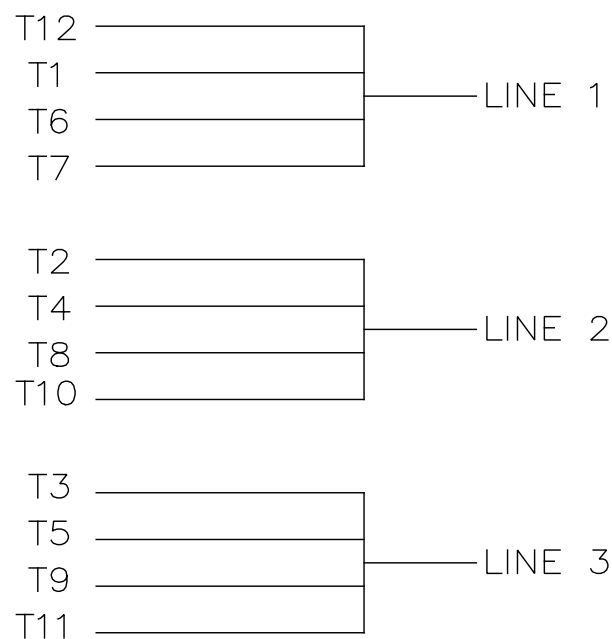
|                        |            |                            |            |
|------------------------|------------|----------------------------|------------|
| Output HP              | 300 Hp     | Output KW                  | 224.0 kW   |
| Frequency              | 60 Hz      | Voltage                    | 460 V      |
| Current                | 357.0 A    | Speed                      | 1185 rpm   |
| Service Factor         | 1.15       | Phase                      | 3          |
| Efficiency             | 95.4 %     | Power Factor               | 82.5       |
| Duty                   | Continuous | Insulation Class           | F          |
| Design Code            | B          | KVA Code                   | F          |
| Frame                  | 449T       | Enclosure                  | Drip Proof |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C      |
| Drive End Bearing Size | 6319       | Opp Drive End Bearing Size | 6318       |
| UL                     | Recognized | CSA                        | Y          |
| CE                     | Y          | IP Code                    | 12         |
| Number of Speeds       | 1          |                            |            |

**Technical Specifications**

|                       |                             |                       |                                      |
|-----------------------|-----------------------------|-----------------------|--------------------------------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Part Wdg Start & Wye Start Delta Run |
| Poles                 | 6                           | Rotation              | Reversible                           |
| Resistance Main       | .015 Ohms                   | Mounting              | Rigid Base                           |
| Motor Orientation     | Horizontal                  | Drive End Bearing     | Ball                                 |
| Opp Drive End Bearing | Ball                        | Frame Material        | Cast Iron                            |
| Shaft Type            | T                           | Overall Length        | 48.29 in                             |
| Frame Length          | 29.38 in                    | Shaft Diameter        | 3.375 in                             |
| Shaft Extension       | 8.75 in                     | Assembly/Box Mounting | F1/F2 Capable                        |
| Connection Drawing    | A-EE7300CB                  | Outline Drawing       | B-SS514258-2938                      |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|----------------|--------------------------------|--------|------------------------------------------------------------------------------------------------------------------|---------------------|------|-------------|---------|------|
|                                                                                                                                                                                                                                        |                             |             |                | TOLERANCES<br>UNLESS SPECIFIED |        |  REGAL - BELOIT CORPORATION | DRAWN KL 02-27-2003 |      |             |         |      |
|                                                                                                                                                                                                                                        |                             |             |                | DEC.                           | INCHES |                                                                                                                  | CHK GFH 03-03-2003  |      |             |         |      |
|                                                                                                                                                                                                                                        |                             |             |                | .X                             | ± -    |                                                                                                                  | APPD JES 03-03-2003 |      |             |         |      |
|                                                                                                                                                                                                                                        |                             |             |                | .XX                            | ± -    |                                                                                                                  | SCALE 1=1           |      |             |         |      |
|                                                                                                                                                                                                                                        |                             |             |                | .XXX                           | ± -    | TITLE CONNECTION DIAGRAM — EXTERNAL<br>12 LEAD SINGLE VOLTAGE                                                    | REF                 |      |             |         |      |
| A                                                                                                                                                                                                                                      | CHANGED TO REGAL TITLEBLOCK | ECO-0108299 | WGJ 08-18-2016 | EMH                            | .XXXX  | ± -                                                                                                              | MAT'L.              |      |             |         |      |
| NO.                                                                                                                                                                                                                                    | REVISION                    |             | BY & DATE      | CHK                            | ANG    | ± -                                                                                                              | FINISH              |      |             |         |      |
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|                                                                                                                                                                                                                                        |                             |             |                | DIST                           |        |                                                                                                                  |                     | A    | EE7300CB    |         |      |