

# PRODUCT INFORMATION PACKET



Model No: TO195

Catalog No: TO195

200 HP General Purpose Low Voltage NEMA Motor, 3 phase, 1800 RPM, 575 V, 445T Frame, ODP  
General Purpose Motors



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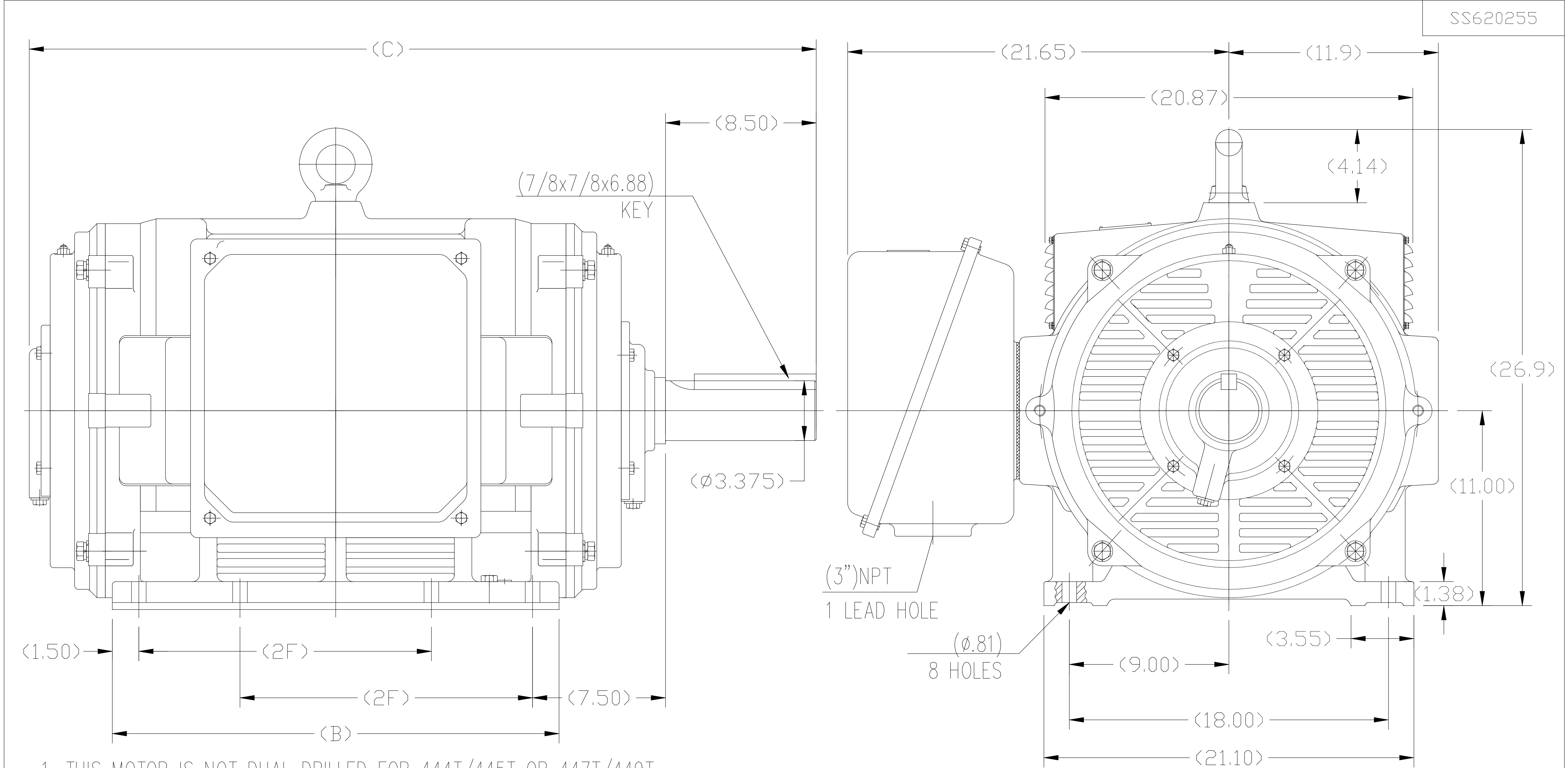
### Nameplate Specifications

|                    |            |                     |                 |
|--------------------|------------|---------------------|-----------------|
| Output HP          | 200 Hp     | Output KW           | 149.2 kW        |
| Frequency          | 60 Hz      | Voltage             | 575 V           |
| Current            | 176 A      | Speed               | 1786 rpm        |
| Service Factor     | 1.15       | Phase               | 3               |
| Duty               | Continuous | Insulation Class    | F               |
| Frame              | 445T       | Enclosure           | Open Drip Proof |
| Thermal Protection | None       | Ambient Temperature | 40 °C           |
| UL                 | Recognized | CSA                 | Y               |
| CE                 | Y          | Number of Speeds    | 1               |


### Technical Specifications

|                       |            |                   |                 |
|-----------------------|------------|-------------------|-----------------|
| Electrical Type       | POLYPHASE  | Starting Method   | Across The Line |
| Poles                 | 4          | Rotation          | Reversible      |
| Mounting              | Rigid Base | Drive End Bearing | Ball            |
| Opp Drive End Bearing | Ball       | Frame Material    | Cast Iron       |
| Shaft Type            | Keyed      | Overall Length    | 44.57 in        |
| Shaft Diameter        | 3.375 in   | Shaft Extension   | 8.50 in         |
| Connection Drawing    | A-EE7300U  | Outline Drawing   | SS620255        |

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|       |       |       |       |
|-------|-------|-------|-------|
| 444T  | 44.57 | 25.20 | 14.50 |
| 445T  | 44.57 | 25.20 | 16.50 |
| 447T  | 49.69 | 30.32 | 20.00 |
| 449T  | 49.69 | 30.32 | 25.00 |
| Frame | C     | B     | 2F    |

|  |                             |             |             |      |                                |        |   |          |                      |             |      |
|--|-----------------------------|-------------|-------------|------|--------------------------------|--------|---|----------|----------------------|-------------|------|
|  |                             |             |             |      | TOLERANCES<br>UNLESS SPECIFIED |        |  <b>REGAL-BELOIT CORPORATION</b> |          | DRAWN ZYH 02-21-2010 |             |      |
|  |                             |             |             |      | DEC.                           | INCHES |   |          | CHK HZJ 02-21-2010   |             |      |
|  |                             |             |             |      | .X                             | ±.1    |   |          | APPD CL 02-21-2010   |             |      |
|  |                             |             |             |      | .XX                            | ±.03   | TITLE   |          | SCALE 6=32           |             |      |
| G  | UPDATED DRAWING PER MARK-UP | ECD-0108274 | WGJ 10-7-16 | EMH  | .XXX                           | ±.005  | 444/445/447/449T FR-ODP-CAST IRON   |          | REF                  |             |      |
| A  | 2 leads hole change to 1    |             | CL 2010-9-8 |      | .XXXX                          | ±.0005 | MAT'L.  |          | FMF HWADA            |             |      |
| NO.  | REVISION                    |             | BY & DATE   | CHK  | ANG                            | ±1/2   | FINISH  |          | PREV                 |             |      |
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|  |                             |             |             | DIST |                                |        |   |          | B                    | SS620255    | G    |

## IF MOTOR HAS 9 LEADS



## IF MOTOR HAS 6 LEADS




A-9806 DECAL IF CALLED FOR

## IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

|  |                    |                    |   |   |  |   |                |
|--|--------------------|--------------------|---|---|--|---|----------------|
| DRAWING REVISION<br>L  | REVISION BY<br>AJW | DATE<br>05-04-2015 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><div><div>DEC.</div><div>INCH.</div><div>mm</div><div>ANGLE</div></div> <div><div>.X</div><div>±0.1</div><div>[±2.5]</div><div>±7' 30"</div></div> <div><div>.XX</div><div>±0.02</div><div>[±0.51]</div></div> <div><div>XXX</div><div>±0.005</div><div>[±0.127]</div></div> <div><div>.XXXX</div><div>±0.0005</div><div>[±0.0127]</div></div> <div>REMOVE BURRS &amp; BREAK SHARP<br/>EDGES: .003/.015 [.076/.381] X 45°<br/>CORNER FILLETS: R.02 [.51]<br/>MACHINED SURFACES: 200 INCH 5.1 mm<br/>mm SHOWN IN [BRACKETS]</div> |   | DRAWN BY<br>DRS                            | <div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div> |                |
| ECO<br>ECO-0077067   | APPROVED BY<br>EWH | DATE<br>05-05-2015 |   |   | DATE<br>09-27-1996                         | DESCRIPTION   |                |
| ECO DESCRIPTION<br>UPDATED TO SOLIDWORKS   |                    |                    | APPROVED BY<br>GK   |   | CONN DIAGRAM-EXTERNAL<br>3Ø SINDLE VOLTAGE |   |                |
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|  |                    |                    | THIRD ANGLE<br>PROJECTION   |  | SIZE<br>A                                  | DRAWING NUMBER<br>EE7300U   |                |