

# PRODUCT INFORMATION PACKET



Model No: 284TTTNA16034  
Catalog No: 284TTTNA16034  
25,1800,TEAO,284T,3/60/208

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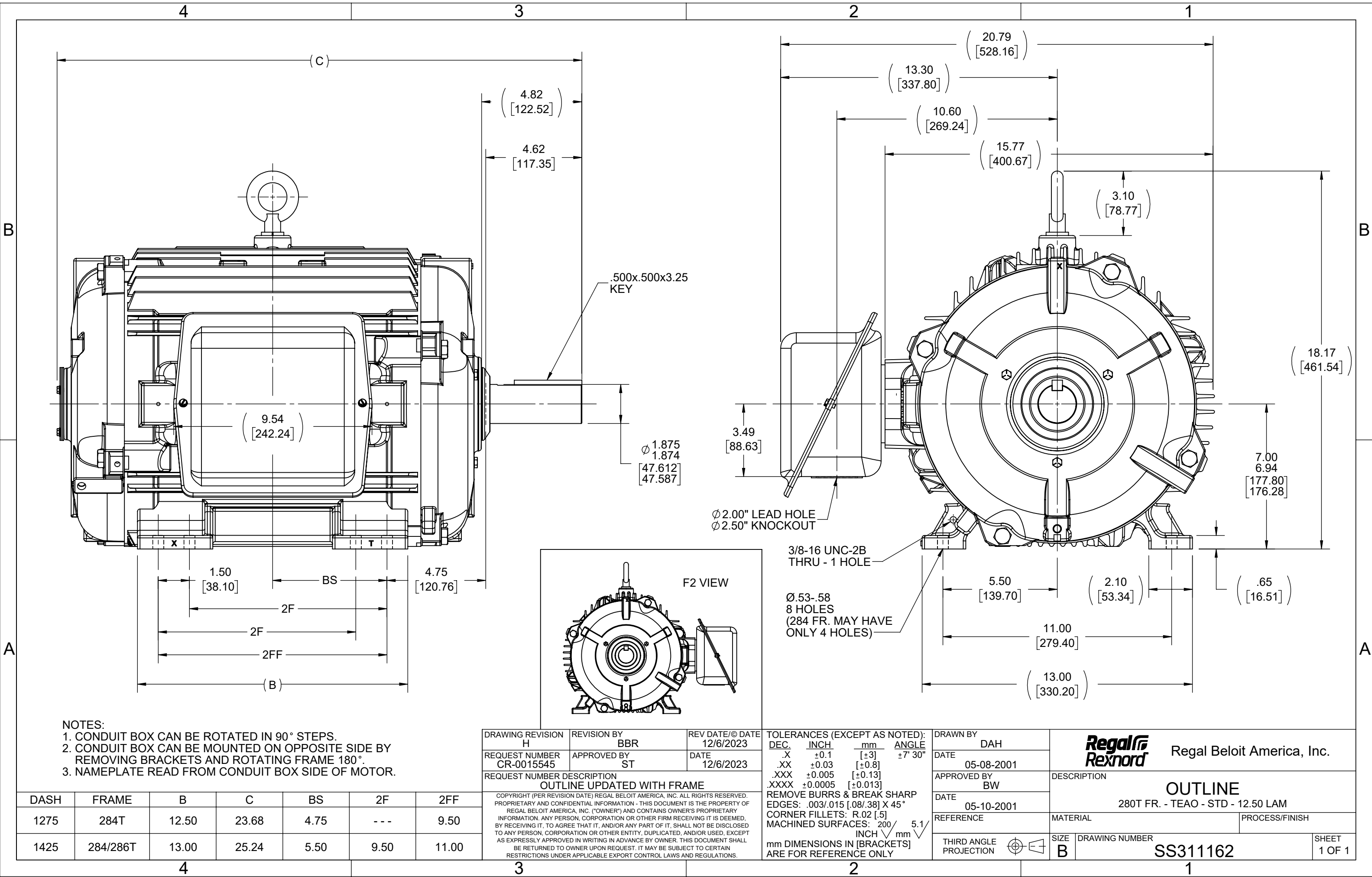
**Nameplate Specifications**

|                        |                            |                            |                                  |
|------------------------|----------------------------|----------------------------|----------------------------------|
| Phase                  | <b>3</b>                   | Output HP                  | <b>25 Hp</b>                     |
| Output KW              | <b>18.7 kW</b>             | Voltage                    | <b>208 V</b>                     |
| Speed                  | <b>1775 r/min</b>          | Service Factor             | <b>1.15</b>                      |
| Frame                  | <b>284T</b>                | Enclosure                  | <b>Totally Enclosed Air Over</b> |
| Thermal Protection     | <b>No Protection</b>       | Efficiency                 | <b>93.6 %</b>                    |
| Ambient Temperature    | <b>40 °C</b>               | Frequency                  | <b>60 Hz</b>                     |
| Current                | <b>68.5 A</b>              | Power Factor               | <b>81</b>                        |
| Duty                   | <b>Continuous Air Over</b> | Insulation Class           | <b>H</b>                         |
| Design Code            | <b>B</b>                   | KVA Code                   | <b>G</b>                         |
| Drive End Bearing Size | <b>6311</b>                | Opp Drive End Bearing Size | <b>6210</b>                      |
| UL                     | <b>Recognized</b>          | CSA                        | <b>Y</b>                         |
| CE                     | <b>N</b>                   | IP Code                    | <b>43</b>                        |
| Number of Speeds       | <b>1</b>                   |                            |                                  |

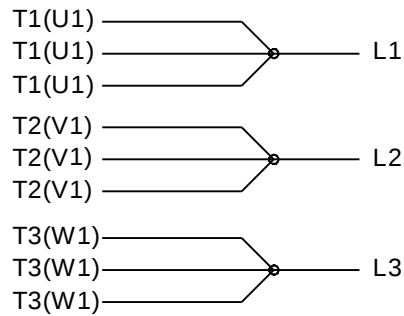
**Technical Specifications**

|                       |                                     |                       |                         |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type       | <b>Squirrel Cage Inverter Rated</b> | Starting Method       | <b>Line Or Inverter</b> |
| Poles                 | <b>4</b>                            | Rotation              | <b>Reversible</b>       |
| Resistance Main       | <b>.251 O</b>                       | Mounting              | <b>Rigid Base</b>       |
| Motor Orientation     | <b>Horizontal</b>                   | Drive End Bearing     | <b>Ball</b>             |
| Opp Drive End Bearing | <b>Ball</b>                         | Frame Material        | <b>Cast Iron</b>        |
| Shaft Type            | <b>T</b>                            | Assembly/Box Mounting | <b>F1/F2 CAPABLE</b>    |
| Outline Drawing       | <b>B-SS311162-1275</b>              | Connection Drawing    | <b>A-EE7300U</b>        |

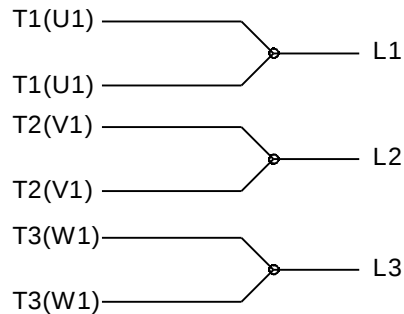
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## IF MOTOR HAS 9 LEADS

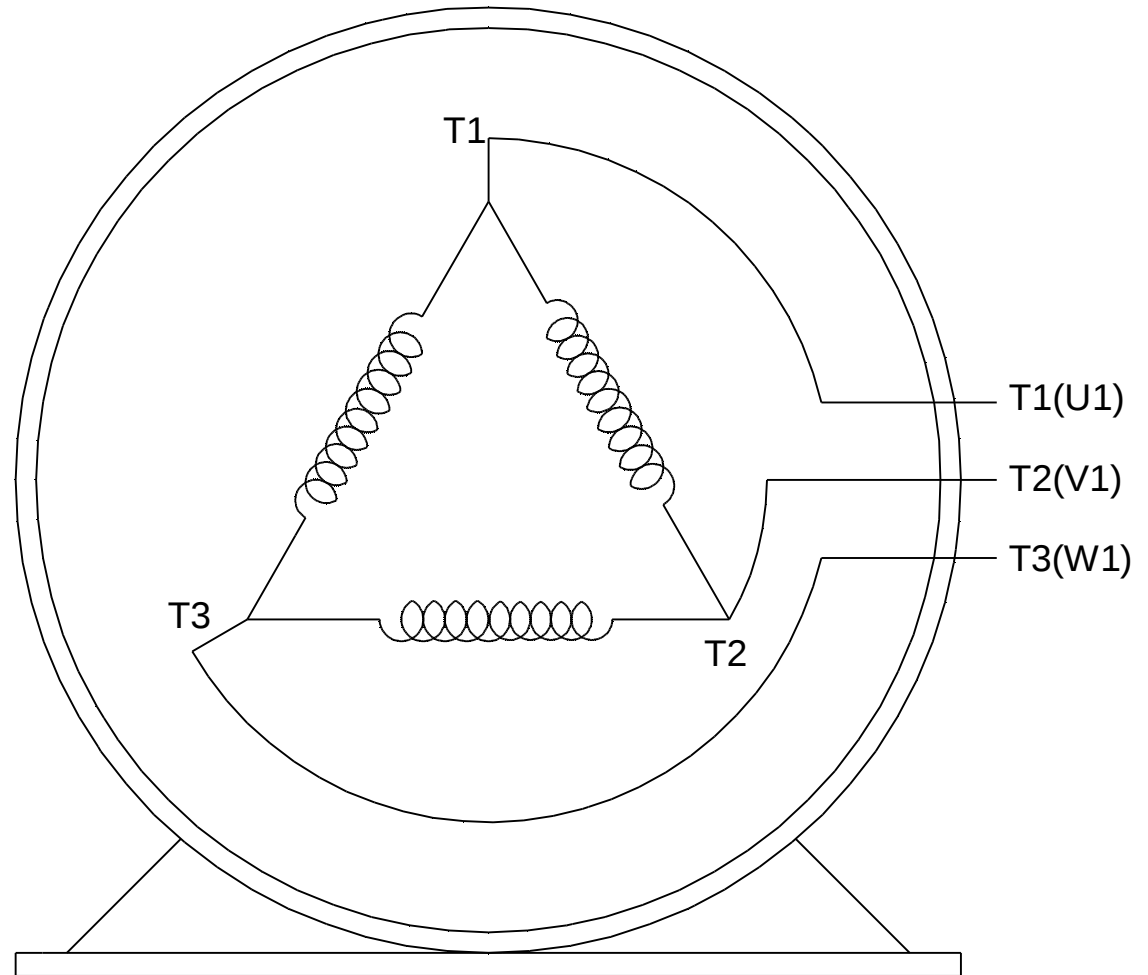
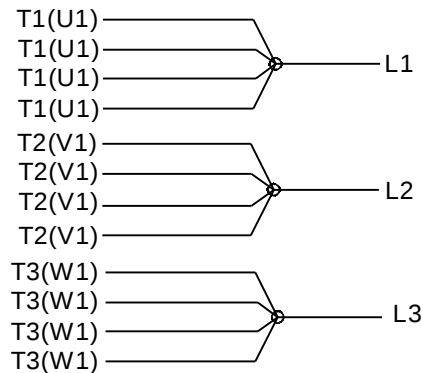


## IF MOTOR HAS 6 LEADS



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: 200/5.1<br/>INCH ✓ 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                                         | SHEET<br>1 OF 1 |