## PRODUCT INFORMATION PACKET



Model No: 444TSHFCD9002
Catalog No: W604B-P
XRI®-841 Severe Duty Motor, 125 HP, 3 Ph, 60 Hz, 460 V, 3600 RPM, 444TS Frame, TEFC



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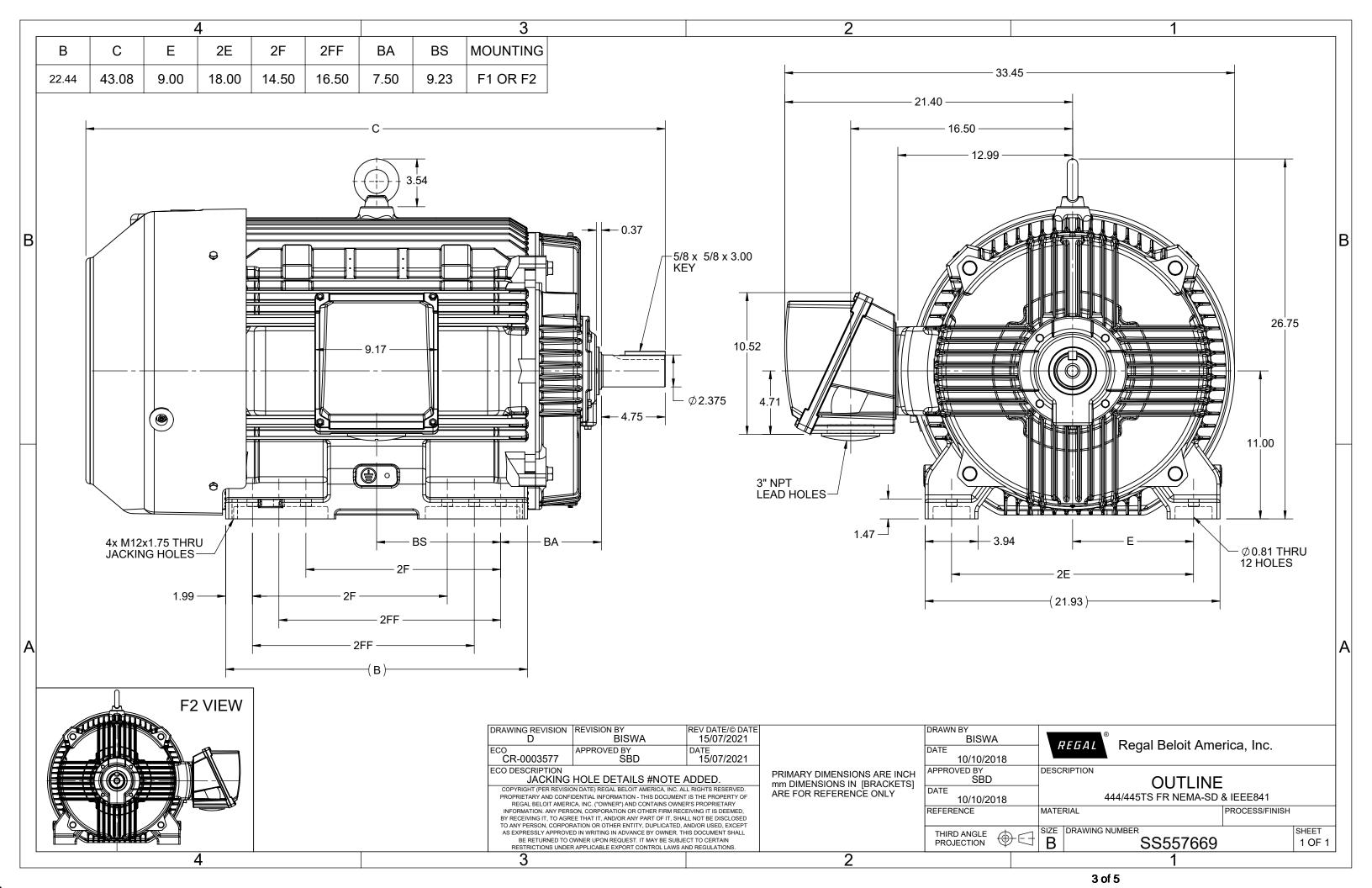
#### Nameplate Specifications

| Phase                  | 3             | Output HP                  | 125 Hp                      |
|------------------------|---------------|----------------------------|-----------------------------|
| Output KW              | 93.0 kW       | Voltage                    | 460 V                       |
| Speed                  | 3580 rpm      | Service Factor             | 1.15                        |
| Frame                  | 444TS         | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Efficiency                 | 95 %                        |
| Ambient Temperature    | 40 °C         | Frequency                  | 60 Hz                       |
| Current                | 138.0 A       | Power Factor               | 89.5                        |
| Duty                   | Continuous    | Insulation Class           | Н                           |
| Design Code            | В             | KVA Code                   | G                           |
| Drive End Bearing Size | 6314          | Opp Drive End Bearing Size | 6314                        |
| UL                     | Recognized    | CSA                        | Υ                           |
| CE                     | Υ             | IP Code                    | 56                          |
| Number of Speeds       | 1             |                            |                             |

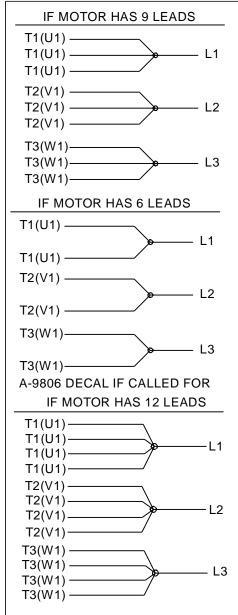
### **Technical Specifications**

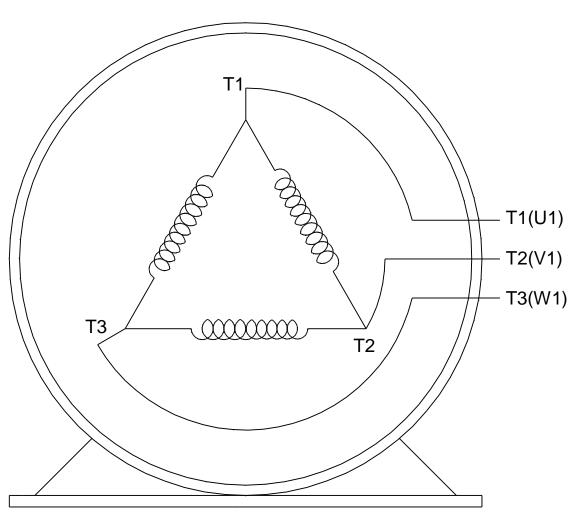
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method    | Line Or Inverter           |  |
|-----------------------|------------------------------|--------------------|----------------------------|--|
| Poles                 | 2                            | Rotation           | Reversible                 |  |
| Resistance Main       | .0341 Ohms                   | Mounting           | Rigid Base                 |  |
| Motor Orientation     | Horizontal                   | Drive End Bearing  | Ball                       |  |
| Opp Drive End Bearing | Ball                         | Frame Material     | Cast Iron                  |  |
| Shaft Type            | тѕ                           | Shaft Diameter     | 2.375 in                   |  |
| Assembly/Box Mounting | F1/F2 CAPABLE                | Inverter Load      | CONSTANT 2:1/VARIABLE 10:1 |  |
| Outline Drawing       | SS557669                     | Connection Drawing | EE7300U                    |  |

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# VIEW OF TERMINAL END

| DRAWING REVISION | REVISION BY | DATE       |
|------------------|-------------|------------|
| L                | AJW         | 05-04-2015 |
| ECO              | APPROVED BY | DATE       |
| ECO-0077067      | EWH         | 05-05-2015 |

## ECO DESCRIPTION UPDATED TO SOLIDWORKS

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| TOLERANCES UNLESS |             |               |              |  |
|-------------------|-------------|---------------|--------------|--|
| OTHERV            | VISE SPE    | CIFIED:       |              |  |
| DEC.              | <u>INCH</u> | <u>mm</u>     | <u>ANGLE</u> |  |
| .X                | ±0.1        | [±2.5]        | ±7' 30"      |  |
|                   |             | [±0.51]       |              |  |
|                   |             | [±0.127]      |              |  |
|                   |             | [±0.0127]     |              |  |
| REMOVE            | BURRS       | & BREAK S     | HARP         |  |
| EDGES:            | .003/.01    | 5 [.076/.381] | X 45°        |  |
| CORNER            | RFILLETS    | S: R.02 [.51] |              |  |
| MACHIN            | ED SURF     | ACES: 200     |              |  |
|                   |             | INCH ∨        | mm 🗸         |  |
| mm SHC            | WN IN [I    | BRACKETS]     |              |  |

|   | DRAWN BY DRS  DATE 09-27-1996 | REGAL Regal Beloit America, Inc.  DESCRIPTION  CONN DIAGRAM-EXTERNAL |                               |                |                 |
|---|-------------------------------|--|-------------------------------|----------------|-----------------|
|   | APPROVED BY GK                |  |                               |                |                 |
|   | DATE 09-30-1996               | 3Ø SINDLE VOLTAGE  |                               | _              |                 |
| , | REFERENCE                     | MATER  | RIAL                          | PROCESS/FINISH |                 |
|   | THIRD ANGLE PROJECTION        | SIZE   | DRAWING NUMBER <b>EE7300U</b> |                | SHEET<br>1 OF 1 |

