Product Information Packet: Model No: 284TSHFNA9005, Catalog No:W559 25 HP Severe Duty Motor, 3 phase, 3600 RPM, 575 V, 284TS Frame, TEFC



## Nameplate Specifications

| Output HP              | 25 Hp      | Output KW                  | 18.7 kW                     |
|------------------------|------------|----------------------------|-----------------------------|
| Frequency              | 60 Hz      | Voltage                    | 575 V                       |
| Current                | 23.1 A     | Speed                      | 3558 rpm                    |
| Service Factor         | 1.15       | Phase                      | 3                           |
| Efficiency             | 93 %       | Power Factor               | 87.5                        |
| Duty                   | Continuous | Insulation Class           | F                           |
| Design Code            | В          | KVA Code                   | G                           |
| Frame                  | 284TS      | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6311       | Opp Drive End Bearing Size | 6210                        |
| UL                     | Recognized | CSA                        | Υ                           |
| CE                     | Υ          | IP Code                    | 56                          |
| Number of Speeds       | 1          |                            |                             |
|                        | 1          | ii Code                    |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
|-----------------------|------------------------------|-----------------------|------------------|
| Poles                 | 2                            | Rotation              | Reversible       |
| Resistance Main       | .0833 Ohms                   | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | TS                           | Overall Length        | 25.06 in         |
| Frame Length          | 12.75 in                     | Shaft Diameter        | 1.625 in         |
| Shaft Extension       | 3.43 in                      | Assembly/Box Mounting | F1/F2 Capable    |
| Outline Drawing       | B-SS311136-1275              | Connection Drawing    | A-EE7300         |

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