Product Information Packet: Model No: 811659.00, Catalog No:811659.00 60 HP Severe Duty Motor, 3 phase, 1200 RPM, 460 V, 404T Frame, TEFC



## Nameplate Specifications

| Output HP              | 60 Hp      | Output KW                  | 45.0 kW                     |
|------------------------|------------|----------------------------|-----------------------------|
| Frequency              | 60 Hz      | Voltage                    | 460 V                       |
| Current                | 72.0 A     | Speed                      | 1185 rpm                    |
| Service Factor         | 1.15       | Phase                      | 3                           |
| Efficiency             | 94.5 %     | Power Factor               | 83                          |
| Duty                   | Continuous | Insulation Class           | F                           |
| Design Code            | В          | KVA Code                   | G                           |
| Frame                  | 404T       | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6316       | Opp Drive End Bearing Size | 6313                        |
| UL                     | Recognized | CSA                        | Y                           |
| CE                     | Y          | IP Code                    | 56                          |
| Number of Speeds       | 1          |                            |                             |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Line Or Inverter |
|-----------------------|------------------------------|-----------------------|------------------|
| Poles                 | 6                            | Rotation              | Reversible       |
| Resistance Main       | .111 Ohms                    | Mounting              | Rigid Base       |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball             |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron        |
| Shaft Type            | т                            | Overall Length        | 35.63 in         |
| Frame Length          | 15.25 in                     | Shaft Diameter        | 2.875 in         |
| Shaft Extension       | 7.25 in                      | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Outline Drawing       | B-SS508591-1525              | Connection Drawing    | A-EE7300U        |

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/12/2021