Product Information Packet: Model No: 811651.00, Catalog No:811651.00 7.50 HP Severe Duty Motor, 3 phase, 1200 RPM, 460 V, 254T Frame, TEFC



## Nameplate Specifications

| Output HP              | 7.50 Hp    | Output KW                  | 5.6 kW                      |
|------------------------|------------|----------------------------|-----------------------------|
| Frequency              | 60 Hz      | Voltage                    | 460 V                       |
| Current                | 9.9 A      | Speed                      | 1175 rpm                    |
| Service Factor         | 1.15       | Phase                      | 3                           |
| Efficiency             | 91 %       | Power Factor               | 78                          |
| Duty                   | Continuous | Insulation Class           | F                           |
| Design Code            | В          | KVA Code                   | н                           |
| Frame                  | 254T       | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No         | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6309       | Opp Drive End Bearing Size | 6210                        |
| 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       | 1.319 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        | 23.65 in         |
| Frame Length          | 10.50 in                     | Shaft Diameter        | 1.625 in         |
| Shaft Extension       | 4 in                         | Assembly/Box Mounting | F1/F2 CAPABLE    |
| Outline Drawing       | B-SS203002-1050              | Connection Drawing    | A-EE7300-LE      |

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