

## Nameplate Specifications

|                        |                   |                            |                                                   |
|------------------------|-------------------|----------------------------|---------------------------------------------------|
| Phase                  | <b>3</b>          | Output HP                  | <b>150 Hp</b>                                     |
| Output KW              | <b>112.0 kW</b>   | Voltage                    | <b>460 V</b>                                      |
| Speed                  | <b>3575 rpm</b>   | Service Factor             | <b>1.15</b>                                       |
| Frame                  | <b>445TS</b>      | Enclosure                  | <b>Explosion Proof Fan cooled</b>                 |
| Thermal Protection     | <b>Thermostat</b> | Efficiency                 | <b>95.8 %</b>                                     |
| Ambient Temperature    | <b>40 °C</b>      | Frequency                  | <b>60 Hz</b>                                      |
| Current                | <b>168.0 A</b>    | Power Factor               | <b>88</b>                                         |
| Duty                   | <b>Continuous</b> | Insulation Class           | <b>F</b>                                          |
| Design Code            | <b>B</b>          | KVA Code                   | <b>G</b>                                          |
| Drive End Bearing Size | <b>6313</b>       | Opp Drive End Bearing Size | <b>6313</b>                                       |
| UL                     | <b>Listed</b>     | CSA                        | <b>N</b>                                          |
| CE                     | <b>N</b>          | IP Code                    | <b>54</b>                                         |
| Number of Speeds       | <b>1</b>          | Hazardous Location         | <b>DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B</b> |

## Technical Specifications

|                       |                                     |                       |                         |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type       | <b>Squirrel Cage Inverter Rated</b> | Starting Method       | <b>Line Or Inverter</b> |
| Poles                 | <b>2</b>                            | Rotation              | <b>Reversible</b>       |
| Resistance Main       | <b>.018 Ohms</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>TS</b>                           | Overall Length        | <b>39.59 in</b>         |
| Frame Length          | <b>20.25 in</b>                     | Shaft Diameter        | <b>2.375 in</b>         |
| Shaft Extension       | <b>5 in</b>                         | Assembly/Box Mounting | <b>F1 ONLY</b>          |
| Inverter Load         | <b>CONSTANT 10:1</b>                |                       |                         |
| Outline Drawing       | <b>B-SS515918-2025</b>              | Connection Drawing    | <b>A-EE7300S</b>        |

