

### Nameplate Specifications

|                        |                                    |                            |                                                   |
|------------------------|------------------------------------|----------------------------|---------------------------------------------------|
| Phase                  | <b>3</b>                           | Output HP                  | <b>40 &amp; 30 Hp</b>                             |
| Output KW              | <b>30.0 &amp; 22.4 kW</b>          | Voltage                    | <b>230/460 &amp; 190/380 V</b>                    |
| Speed                  | <b>1185 &amp; 988 rpm</b>          | Service Factor             | <b>1.00 &amp; 1.00</b>                            |
| Frame                  | <b>364T</b>                        | Enclosure                  | <b>Explosion Proof Fan cooled</b>                 |
| Thermal Protection     | <b>Thermostat</b>                  | Efficiency                 | <b>94.1 &amp; 93.6 %</b>                          |
| Ambient Temperature    | <b>50 °C</b>                       | Frequency                  | <b>60 &amp; 50 Hz</b>                             |
| Current                | <b>100/50 &amp; 93/46.5 A</b>      | Power Factor               | <b>80</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>6314</b>                        | Opp Drive End Bearing Size | <b>6312</b>                                       |
| UL                     | <b>UL Listed And CSA Certified</b> | CSA                        | <b>Y</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 T3C</b> |

### Technical Specifications

|                       |                                     |                       |                         |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type       | <b>Squirrel Cage Inverter Rated</b> | Starting Method       | <b>Line Or Inverter</b> |
| Poles                 | <b>6</b>                            | Rotation              | <b>Reversible</b>       |
| Resistance Main       | <b>.16 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>T</b>                            | Overall Length        | <b>31.74 in</b>         |
| Frame Length          | <b>13.50 in</b>                     | Shaft Diameter        | <b>2.375 in</b>         |
| Shaft Extension       | <b>6.13 in</b>                      | Assembly/Box Mounting | <b>F1 ONLY</b>          |
| Inverter Load         | <b>CONSTANT 10:1</b>                |                       |                         |
| Outline Drawing       | <b>B-SS518459-1350</b>              | Connection Drawing    | <b>A-EE7308T</b>        |

