

## Nameplate Specifications

|                        |                             |                            |                                            |
|------------------------|-----------------------------|----------------------------|--------------------------------------------|
| Phase                  | 3                           | Output HP                  | 7.50 & 5 Hp                                |
| Output KW              | 5.6 & 3.7 kW                | Voltage                    | 230/460 & 190/380 V                        |
| Speed                  | 1175 & 975 rpm              | Service Factor             | 1.15 & 1.0                                 |
| Frame                  | 254T                        | Enclosure                  | Explosion Proof Fan cooled                 |
| Thermal Protection     | Thermostat                  | Efficiency                 | 91 & 89.5 %                                |
| Ambient Temperature    | 40 °C                       | Frequency                  | 60 & 50 Hz                                 |
| Current                | 19.8/9.9 & 17/8.5 A         | Power Factor               | 78                                         |
| Duty                   | Continuous                  | Insulation Class           | F                                          |
| Design Code            | B                           | KVA Code                   | H                                          |
| Drive End Bearing Size | 6309                        | Opp Drive End Bearing Size | 6210                                       |
| UL                     | UL Listed And CSA Certified | CSA                        | Y                                          |
| CE                     | N                           | IP Code                    | 54                                         |
| Number of Speeds       | 1                           | Hazardous Location         | DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B |

## 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            | T                            | Overall Length        | 23.52 in         |
| Frame Length          | 10.50 in                     | Shaft Diameter        | 1.625 in         |
| Shaft Extension       | 4.2 in                       | Assembly/Box Mounting | F1 ONLY          |
| Inverter Load         | CONSTANT 10:1                |                       |                  |
| Connection Drawing    | A-EE7308T                    | Outline Drawing       | B-SS203001-1050  |

