



## 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                     | No                  | CSA                        | N                                      |
| CE                     | N                   | IP Code                    | 54                                     |
| Number of Speeds       | 1                   | Hazardous Location         | EXP PROOF CL I GR C&D CL II GR F&G 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          | 10.51 in                     | Shaft Diameter        | 1.625 in         |
| Shaft Extension       | 4 in                         | Assembly/Box Mounting | F1 Only          |
| Inverter Load         | CONSTANT 10:1                |                       |                  |
| Outline Drawing       | B-SS203001-1050              | Connection Drawing    | A-EE7308T        |

