

### Nameplate Specifications

|                        |                             |                            |                                            |
|------------------------|-----------------------------|----------------------------|--------------------------------------------|
| Phase                  | 3                           | Output HP                  | 30 & 25 Hp                                 |
| Output KW              | 22.4 & 18.7 kW              | Voltage                    | 230/460 & 190/380 V                        |
| Speed                  | 1770 & 1470 rpm             | Service Factor             | 1.00 & 1.00                                |
| Frame                  | 286TC                       | Enclosure                  | Explosion Proof Fan cooled                 |
| Thermal Protection     | Thermostat                  | Efficiency                 | 93.6 & 92.7 %                              |
| Ambient Temperature    | 50 °C                       | Frequency                  | 60 & 50 Hz                                 |
| Current                | 71/35.5 & 71/35.5 A         | Power Factor               | 84                                         |
| Duty                   | Continuous                  | Insulation Class           | F                                          |
| Design Code            | B                           | KVA Code                   | G                                          |
| Drive End Bearing Size | 6311                        | 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 T3C |

### Technical Specifications

|                       |                             |                    |                 |
|-----------------------|-----------------------------|--------------------|-----------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method    | Across The Line |
| Poles                 | 4                           | Rotation           | Reversible      |
| Resistance Main       | .27 Ohms                    | Mounting           | Rigid Base      |
| Motor Orientation     | Horizontal                  | Drive End Bearing  | Ball            |
| Opp Drive End Bearing | Ball                        | Frame Material     | Cast Iron       |
| Shaft Type            | T                           | Shaft Diameter     | 1.875 in        |
| Assembly/Box Mounting | F1 ONLY                     |                    |                 |
| Outline Drawing       | SS311009-1425               | Connection Drawing | EE7308T         |