

### Nameplate Specifications

|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Phase                  | 3             | Output HP                  | 40 Hp                       |
| Output KW              | 30.0 kW       | Voltage                    | 575 V                       |
| Speed                  | 1782 rpm      | Service Factor             | 1.15                        |
| Frame                  | 324T          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Efficiency                 | 94.1 %                      |
| Ambient Temperature    | 40 °C         | Frequency                  | 60 Hz                       |
| Current                | 38.0 A        | Power Factor               | 84                          |
| Duty                   | Continuous    | Insulation Class           | H                           |
| Design Code            | B             | KVA Code                   | G                           |
| Drive End Bearing Size | 6312          | Opp Drive End Bearing Size | 6212                        |
| UL                     | Listed        | CSA                        | Y                           |
| CE                     | Y             | IP Code                    | 55                          |
| Number of Speeds       | 1             | Hazardous Location         | DIVISION 2 T2B              |

### Technical Specifications

|                       |                              |                    |                             |
|-----------------------|------------------------------|--------------------|-----------------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method    | Line Or Inverter            |
| Poles                 | 4                            | Rotation           | Reversible                  |
| Resistance Main       | .18 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     | 2.125 in                    |
| Assembly/Box Mounting | F1/F2 CAPABLE                | Inverter Load      | CONSTANT 20:1/VARIABLE 20:1 |
| Outline Drawing       | SS312939-100                 | Connection Drawing | EE7300                      |

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