



### Nameplate Specifications

|                        |                   |                            |                             |
|------------------------|-------------------|----------------------------|-----------------------------|
| Phase                  | 3                 | Output HP                  | 40 & 30 Hp                  |
| Output KW              | 30.0 & 22.4 kW    | Voltage                    | 230/460 & 190/380 V         |
| Speed                  | 3565 & 2968 rpm   | Service Factor             | 1.15 & 1.15                 |
| Frame                  | 324TSC            | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection     | Efficiency                 | 92.4 & 92.4 %               |
| Ambient Temperature    | 40 °C             | Frequency                  | 60 & 50 Hz                  |
| Current                | 92.5/46 & 84/42 A | Power Factor               | 87.5                        |
| Duty                   | Continuous        | Insulation Class           | F                           |
| 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                 |                            |                             |

### Technical Specifications

|                       |                              |                       |                                 |
|-----------------------|------------------------------|-----------------------|---------------------------------|
| Electrical Type       | Squirrel Cage Inverter Rated | Starting Method       | Wye Start Delta Run Or Inverter |
| Poles                 | 2                            | Rotation              | Reversible                      |
| Resistance Main       | .1736 Ohms                   | Mounting              | Rigid Base                      |
| Motor Orientation     | Horizontal                   | Drive End Bearing     | Ball                            |
| Opp Drive End Bearing | Ball                         | Frame Material        | Cast Iron                       |
| Shaft Type            | TS                           | Overall Length        | 28.14 in                        |
| Frame Length          | 13.07 in                     | Shaft Diameter        | 1.875 in                        |
| Shaft Extension       | 3.75 in                      | Assembly/Box Mounting | F1/F2 CAPABLE                   |
| Outline Drawing       | SS312783-324TSC              | Connection Drawing    | EE7308AA                        |