

### Nameplate Specifications

|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP              | 100 Hp        | Output KW                  | 75.0 kW                     |
| Frequency              | 50 Hz         | Voltage                    | 400/690 V                   |
| Current                | 130.4 A       | Speed                      | 1489 rpm                    |
| Service Factor         | 1             | Phase                      | 3                           |
| Efficiency             | 95 %          | Power Factor               | 0.87                        |
| Duty                   | S1            | Insulation Class           | F                           |
| Frame                  | 280S          | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6317          | Opp Drive End Bearing Size | 6317                        |
| UL                     | No            | CSA                        | No                          |
| CE                     | Yes           | IP Code                    | IP55                        |
| Number of Speeds       | 1             |                            |                             |

### Technical Specifications

|                       |               |                       |                  |
|-----------------------|---------------|-----------------------|------------------|
| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line   |
| Poles                 | 4             | Rotation              | Bi-Directional   |
| Mounting              | B3            | Motor Orientation     | Horizontal       |
| Drive End Bearing     | C3            | Opp Drive End Bearing | C3               |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed            |
| Overall Length        | 1060.00 mm    | Frame Length          | 549.00 mm        |
| Shaft Diameter        | 75.000 mm     | Shaft Extension       | 140 mm           |
| Assembly/Box Mounting | Top           |                       |                  |
| Connection Drawing    | SC-01-T-1v-1a | Outline Drawing       | B3A04T8285011A01 |