

### Nameplate Specifications

|                        |                     |                            |                             |
|------------------------|---------------------|----------------------------|-----------------------------|
| Phase                  | 3                   | Output HP                  | 100 & 75 Hp                 |
| Output KW              | 75.0 & 56.0 kW      | Voltage                    | 230/460 & 190/380 V         |
| Speed                  | 1785 & 1488 rpm     | Service Factor             | 1.15 & 1.0                  |
| Frame                  | 405TC               | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection       | Efficiency                 | 95.4 & 95 %                 |
| Ambient Temperature    | 40 °C               | Frequency                  | 60 & 50 Hz                  |
| Current                | 224/112 & 204/102 A | Power Factor               | 88                          |
| Duty                   | Continuous          | Insulation Class           | F                           |
| Design Code            | B                   | KVA Code                   | G                           |
| Drive End Bearing Size | 6316                | Opp Drive End Bearing Size | 6315                        |
| UL                     | Recognized          | CSA                        | Y                           |
| CE                     | Y                   | IP Code                    | 43                          |
| Number of Speeds       | 1                   |                            |                             |

### Technical Specifications

|                       |                             |                   |                     |
|-----------------------|-----------------------------|-------------------|---------------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method   | Wye Start Delta Run |
| Poles                 | 4                           | Rotation          | Reversible          |
| Resistance Main       | .045 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    | 42.76 in            |
| Shaft Diameter        | 2.875 in                    | Shaft Extension   | 7.25 in             |
| Assembly/Box Mounting | F1/F2 CAPABLE               |                   |                     |
| Connection Drawing    | A-EE7308AA                  | Outline Drawing   | SS620306-405TC      |