

### Nameplate Specifications

|                               |               |                            |                             |
|-------------------------------|---------------|----------------------------|-----------------------------|
| Output HP                     | 100 Hp        | Output KW                  | 75.0 kW                     |
| Frequency                     | 50 Hz         | Voltage                    | 415 V                       |
| Current                       | 145.0 A       | Speed                      | 736 rpm                     |
| Phase                         | 3             | Duty                       | S5                          |
| Frame                         | KS315S1       | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection            | No Protection | Ambient Temperature        | 45 °C                       |
| Drive End Bearing Size        | 6319          | Opp Drive End Bearing Size | 6319                        |
| UL                            | No            | CSA                        | No                          |
| CE                            | No            | IP Code                    | 55                          |
| CDF                           | 25 %          | Start/Hr                   | 150                         |
| RA                            | 147 A         | RV                         | 310 V                       |
| Insulation class Stator/Rotor | F/F           | Temp. Rise Stator/Rotor    | 75/75 K                     |
| Stator Connection             | Delta         | Rotor Connection           | Star                        |
| Efficiency Class              | Standard      |                            |                             |

### Technical Specifications

|                       |                 |                       |                          |
|-----------------------|-----------------|-----------------------|--------------------------|
| Electrical Type       | Slipring        | Starting Method       | Rotor resistance starter |
| Rotation              | Bi-Directional  | Mounting              | IMB3                     |
| Motor Orientation     | Horizontal      | Drive End Bearing     | Antifriction             |
| Opp Drive End Bearing | Antifriction    | Frame Material        | Cast Iron/Fabricated     |
| Shaft Type            | Single Cylinder | Overall Length        | 1425.00 mm               |
| Frame Length          | 1425.00 mm      | Shaft Diameter        | 80.000 mm                |
| Shaft Extension       | 170 mm          | Assembly/Box Mounting | Top                      |
| Rotor GD2             | 22 kg·m²        | Pull Out Torque       | 3.1                      |
| Outline Drawing       | cm5906          | Connection Drawing    | DP3178                   |

