

## Nameplate Specifications

|                               |                      |                            |                                    |
|-------------------------------|----------------------|----------------------------|------------------------------------|
| Output HP                     | <b>56 Hp</b>         | Output KW                  | <b>42.0 kW</b>                     |
| Frequency                     | <b>50 Hz</b>         | Voltage                    | <b>415 V</b>                       |
| Current                       | <b>94.0 A</b>        | Speed                      | <b>740 rpm</b>                     |
| Phase                         | <b>3</b>             | Duty                       | <b>S4</b>                          |
| Frame                         | <b>KS280MB</b>       | Enclosure                  | <b>Totally Enclosed Fan Cooled</b> |
| Thermal Protection            | <b>No Protection</b> | Ambient Temperature        | <b>45 °C</b>                       |
| Drive End Bearing Size        | <b>6317 C3</b>       | Opp Drive End Bearing Size | <b>6317 C3</b>                     |
| UL                            | <b>No</b>            | CSA                        | <b>No</b>                          |
| CE                            | <b>No</b>            | IP Code                    | <b>55</b>                          |
| CDF                           | <b>60 %</b>          | Start/Hr                   | <b>300</b>                         |
| RA                            | <b>78 A</b>          | RV                         | <b>335 V</b>                       |
| Insulation class Stator/Rotor | <b>F/F</b>           | Temp. Rise Stator/Rotor    | <b>75/75 K</b>                     |
| Stator Connection             | <b>Delta</b>         | Rotor Connection           | <b>Star</b>                        |
| Efficiency Class              | <b>Standard</b>      |                            |                                    |

## Technical Specifications

|                       |                        |                       |                                 |
|-----------------------|------------------------|-----------------------|---------------------------------|
| Electrical Type       | <b>Slipring</b>        | Starting Method       | <b>Rotor resistance starter</b> |
| Rotation              | <b>Bi-Directional</b>  | Mounting              | <b>IMB3</b>                     |
| Motor Orientation     | <b>Horizontal</b>      | Drive End Bearing     | <b>Antifriction</b>             |
| Opp Drive End Bearing | <b>Antifriction</b>    | Frame Material        | <b>Cast Iron/Fabricated</b>     |
| Shaft Type            | <b>Single Cylinder</b> | Overall Length        | <b>1300.00 mm</b>               |
| Frame Length          | <b>1300.00 mm</b>      | Shaft Diameter        | <b>75.000 mm</b>                |
| Shaft Extension       | <b>140 mm</b>          | Assembly/Box Mounting | <b>Top</b>                      |
| Rotor GD2             | <b>13.9 kg·m²</b>      | Pull Out Torque       | <b>4.7</b>                      |
| Outline Drawing       | <b>cm5906</b>          | Connection Drawing    | <b>DP2871</b>                   |

