

## Nameplate Specifications

|                               |                                    |                            |                      |
|-------------------------------|------------------------------------|----------------------------|----------------------|
| Phase                         | <b>3</b>                           | Output HP                  | <b>50 Hp</b>         |
| Output KW                     | <b>37.0 kW</b>                     | Voltage                    | <b>415 V</b>         |
| Speed                         | <b>733 rpm</b>                     | Frame                      | <b>KS250MB</b>       |
| Enclosure                     | <b>Totally Enclosed Fan Cooled</b> | Thermal Protection         | <b>No Protection</b> |
| Ambient Temperature           | <b>45 °C</b>                       | Frequency                  | <b>50 Hz</b>         |
| Current                       | <b>84.0 A</b>                      | Duty                       | <b>S5</b>            |
| Drive End Bearing Size        | <b>6315 C3</b>                     | Opp Drive End Bearing Size | <b>6315 C3</b>       |
| UL                            | <b>No</b>                          | CSA                        | <b>No</b>            |
| CE                            | <b>No</b>                          | IP Code                    | <b>55</b>            |
| CDF                           | <b>40 %</b>                        | Start/Hr                   | <b>150</b>           |
| RA                            | <b>63 A</b>                        | RV                         | <b>355 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>1155.00 mm</b>               |
| Frame Length          | <b>1155.00 mm</b>      | Shaft Diameter        | <b>65.000 mm</b>                |
| Shaft Extension       | <b>140 mm</b>          | Assembly/Box Mounting | <b>Top</b>                      |
| Rotor GD2             | <b>7.43 kg·m²</b>      | Pull Out Torque       | <b>4.1</b>                      |
| Outline Drawing       | <b>CM19820.00</b>      | Connection Drawing    | <b>DP2609</b>                   |

