

PRODUCT-DETAILS

# 3GJM092030-CDK

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GJM092030-CDK           |
| ABB Type Designation | M3JM 90SLC 4             |
| Catalog Description  | No Description Available |

## Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 90SLC 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |
| EX-Protection         | Exdb         |
| Electrical Data       |              |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 690 V   | 1.10 kW | 1444 r/min | 1.33 A  | 0.790        | 87.10 %    | 7.28 N·m | 7.20  |
| D    | --         | 50 Hz | 400 V   | 1.10 kW | 1444 r/min | 2.30 A  | 0.790        | 87.10 %    | 7.28 N·m | 7.20  |
| Y    | --         | 50 Hz | 660 V   | 1.10 kW | 1435 r/min | 1.38 A  | 0.800        | 86.80 %    | 7.28 N·m | 6.50  |
| D    | --         | 50 Hz | 380 V   | 1.10 kW | 1435 r/min | 2.40 A  | 0.800        | 86.80 %    | 7.28 N·m | 6.50  |
| D    | --         | 50 Hz | 415 V   | 1.10 kW | 1448 r/min | 2.20 A  | 0.770        | 87.10 %    | 7.28 N·m | 7.60  |
| D    | --         | 60 Hz | 460 V   | 1.10 kW | 1752 r/min | 2.00 A  | 0.770        | 87.40 %    | 6.00 N·m | 8.40  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 65 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 86.8 %<br>Partial Load (75%) 87.6 %<br>Partial Load (50%) 87.0 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 87.4 %<br>Partial Load (75%) 86.9 %<br>Partial Load (50%) 84.4 % |
| IM Class                  | IMB14 IM3601                                                                                      |
| IP Class                  | IP66                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Pre Modified Motor        | 3GJM092030-BDK                                                                                    |
| Product ID                |                                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 62 kg                                                                                             |
| Product Type              | 3JM3__M3JM_IE3_Group_I_Flameproof_Exd_mining_motor                                                |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | D                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE3 Premium Efficiency Mining Motors

