

PRODUCT-DETAILS

# 3GJM081370-CEK

## M3JM 80MG 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM081370-CEK |
| ABB Type Designation | M3JM 80MG 2    |
| Catalog Description  | M3JM 80MG 2    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 80MG 2  |
| 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 |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | --         | 50 Hz | 500 V   | 1.10 kW | 2862 r/min | 1.73 A  | 0.870        | 82.70 %    | 3.65 N·m | 6.30  |
| D    | --         | 60 Hz | 575 V   | 1.10 kW | 3478 r/min | 1.51 A  | 0.860        | 84.00 %    | 3.00 N·m | 7.60  |

|              |       |
|--------------|-------|
| Gross Weight | 53 kg |
|--------------|-------|

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 82.7 %<br>Partial Load (75%) 83.7 %<br>Partial Load (50%) 82.8 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 84.0 %<br>Partial Load (75%) 94.4 %<br>Partial Load (50%) 82.0 % |
| IM Class                | IMB14 IM3601                                                                                      |
| IP Class                | IP66                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3JM 80MG 2                                                                                       |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 2                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 carton                                                                                          |
| Pre Modified Motor      | 3GJM081370-BEK                                                                                    |
| Product ID              |                                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 50 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            | E                                                                                                 |
| 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

