

PRODUCT-DETAILS

# 3GJM084310-CDJ

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GJM084310-CDJ           |
| ABB Type Designation | M3JM 80MA 8              |
| Catalog Description  | No Description Available |

## Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 80MA 8  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015100     |
| 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   | 0.18 kW | 680 r/min | 0.40 A  | 0.610        | 45.90 %    | 2.52 N·m | 3.00  |
| D    | --         | 50 Hz | 400 V   | 0.18 kW | 680 r/min | 0.70 A  | 0.610        | 45.90 %    | 2.52 N·m | 3.00  |
| D    | --         | 60 Hz | 460 V   | 0.18 kW | 845 r/min | 0.65 A  | 0.540        | 46.00 %    | 2.03 N·m | 3.40  |

|              |       |
|--------------|-------|
| Gross Weight | 49 kg |
| IC Class     | IC411 |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 45.9 %<br>Partial Load (75%) 45.4 %<br>Partial Load (50%) 38.6 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 46.0 %<br>Partial Load (75%) 43.1 %<br>Partial Load (50%) 35.1 % |
| IM Class                         | IMB14 IM3601                                                                                      |
| IP Class                         | IP66                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Made To Order                    | No                                                                                                |
| Minimum Order Quantity           | 1 piece                                                                                           |
| Number of Poles (High)           | 8                                                                                                 |
| Order Multiple                   | 1 piece                                                                                           |
| Package Level 1 Units            | 0 carton                                                                                          |
| Pre Modified Motor<br>Product ID | 3GJM084310-BDJ                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 46 kg                                                                                             |
| Product Type                     | 3JM0__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor                                                |
| Quote Only                       | No                                                                                                |
| Replaced Product ID<br>(OLD)     | 3GJM084310-CDH                                                                                    |
| Selling Unit of Measure          | piece                                                                                             |
| Temperature Class<br>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 IE2 High Efficiency Mining Motors

