

PRODUCT-DETAILS

# 3GJM082320-CDH

## M3JM 80MB 4

"No longer for sale" replaced by 3GJM082340-



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM082320-CDH |
| ABB Type Designation | M3JM 80MB 4    |
| Catalog Description  | M3JM 80MB 4    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 80MB 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     |
| EX-Protection         | Exd          |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 690 V   | 0.75 kW | 1419 r/min | 1.10 A  | 0.750        | 80.20 %    | 5.00 N·m | 5.40  |
| D    | --         | 50 Hz | 400 V   | 0.75 kW | 1416 r/min | 1.87 A  | 0.750        | 80.20 %    | 5.00 N·m | 5.40  |

|              |       |
|--------------|-------|
| Gross Weight | 45 kg |
| IC Class     | IC411 |

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| IE Class Data (50 Hz)         | IE Class IE2                                               |
|                               | Full Load (100%) 80.2 %                                    |
|                               | Partial Load (75%) 80.1 %                                  |
|                               | Partial Load (50%) 77.5 %                                  |
| IM Class                      | IMB14 IM3601                                               |
| IP Class                      | IP66                                                       |
| Insulation Class              | ICLF                                                       |
| Invoice Description           | M3JM 80MB 4                                                |
| 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 Product ID | 3GJM081310-BDH                                             |
| Product Name                  | 3-Phase squirrel cage motor                                |
| Product Net Weight            | 42 kg                                                      |
| Product Type                  | 3JM2__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor         |
| Quote Only                    | No                                                         |
| Replacement Product ID (NEW)  | 3GJM082340-CDJ                                             |
| Selling Unit of Measure       | piece                                                      |
| Temperature Class Default     | --                                                         |
| Terminator Box Location       | 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

