

PRODUCT-DETAILS

# 3GJM163420-BDH

## M3JM 160MLB 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM163420-BDH |
| ABB Type Designation | M3JM 160MLB 6  |
| Catalog Description  | M3JM 160MLB 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 160MLB 6 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309/C3       |
| Bearing NDE           | 6309/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015230      |
| EX-Protection         | Exdb          |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed     | Current | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|-------|
| Y    | --         | 50 Hz | 690 V   | 11.00 kW | 972 r/min | 12.80 A | 0.810        | 90.10 %    | 108.00 N·m | 6.90  |
| D    | --         | 50 Hz | 400 V   | 11.00 kW | 972 r/min | 22.10 A | 0.810        | 90.10 %    | 108.00 N·m | 6.90  |
| D    | --         | 50 Hz | 415 V   | 11.00 kW | 974 r/min | 21.60 A | 0.790        | 90.10 %    | 108.00 N·m | 7.40  |

|              |        |
|--------------|--------|
| Gross Weight | 270 kg |
|--------------|--------|

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| IC Class                | IC411                                                       |
| IE Class Data (50 Hz)   | IE Class IE2                                                |
|                         | Full Load (100%) 90.1 %                                     |
|                         | Partial Load (75%) 90.7 %                                   |
|                         | Partial Load (50%) 89.8 %                                   |
| IM Class                | IMB5 IM3001                                                 |
| IP Class                | IP66                                                        |
| Insulation Class        | ICLF                                                        |
| Invoice Description     | M3JM 160MLB 6                                               |
| Made To Order           | No                                                          |
| Minimum Order Quantity  | 1 piece                                                     |
| Number of Poles (High)  | 6                                                           |
| Order Multiple          | 1 piece                                                     |
| Package Level 1 Units   | 0 pallet (lift)                                             |
| Product Name            | 3-Phase squirrel cage motor                                 |
| Product Net Weight      | 260 kg                                                      |
| Product Type            | 3JM2__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor          |
| Quote Only              | No                                                          |
| 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           | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE2 High Efficiency Mining Motors

