

PRODUCT-DETAILS

# 3GJM166420-ADH

## M3JM 160MLB 12



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM166420-ADH |
| ABB Type Designation | M3JM 160MLB 12 |
| Catalog Description  | M3JM 160MLB 12 |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M3JM 160MLB 12 |
| Altitude              | 1000 m         |
| Ambient Temperature   | 40 °C          |
| Bearing               | 6309/C3        |
| Bearing NDE           | 6309/C3        |
| Country of Origin     | Finland (FI)   |
| Customs Tariff Number | 85015220       |
| EX-Protection         | Exdb           |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency | IS/IN | Torque    |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|-------|-----------|
| Y    | --         | 50 Hz | 690 V   | 2.20 kW | 480 r/min | 4.70 A  | 0.520        | 79.30 %    | 3.70  |           |
| D    | --         | 50 Hz | 400 V   | 2.20 kW | 480 r/min | 8.20 A  | 0.520        | 79.30 %    | 3.70  | 43.70 N·m |
| D    | --         | 50 Hz | 415 V   | 2.20 kW | 482 r/min | 8.30 A  | 0.490        | 79.10 %    | 3.90  | 43.70 N·m |

|              |             |
|--------------|-------------|
| Gross Weight | 268 kg      |
| IC Class     | IC411       |
| IM Class     | IMB3 IM1001 |

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| IP Class                | IP66                                                        |
| Insulation Class        | ICLF                                                        |
| Invoice Description     | M3JM 160MLB 12                                              |
| Made To Order           | No                                                          |
| Minimum Order Quantity  | 1 piece                                                     |
| Number of Poles (High)  | 12                                                          |
| Order Multiple          | 1 piece                                                     |
| Package Level 1 Units   | 0 pallet (lift)                                             |
| Product Name            | 3-Phase squirrel cage motor                                 |
| Product Net Weight      | 258 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

