

PRODUCT-DETAILS

# 3GJM161410-BSL

## M3JM 160MLA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM161410-BSL |
| ABB Type Designation | M3JM 160MLA 2  |
| Catalog Description  | M3JM 160MLA 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 160MLA 2 |
| 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 | 400 V   | 11.00 kW | 2943 r/min | 19.10 A | 0.910        | 91.20 %    | 35.57 N-m | 7.20  |
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 2943 r/min | 33.20 A | 0.910        | 91.20 %    | 35.57 N-m | 8.00  |
| Y    | --         | 50 Hz | 415 V   | 11.00 kW | 2946 r/min | 18.50 A | 0.900        | 91.20 %    | 35.52 N-m | 7.70  |
| Y    | --         | 60 Hz | 440 V   | 11.00 kW | 3545 r/min | 17.30 A | 0.920        | 91.00 %    | 29.57 N-m | 7.90  |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 3549 r/min | 16.60 A | 0.910        | 91.00 %    | 29.54 N-m | 8.70  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 243 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 91.2 %<br>Partial Load (75%) 91.8 %<br>Partial Load (50%) 91.3 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 91.0 %<br>Partial Load (75%) 91.1 %<br>Partial Load (50%) 90.0 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP66                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3JM 160MLA 2                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 233 kg                                                                                            |
| Product Type              | 5JM3__M3JM_IE3_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<br>39120000                                                                              |
| Voltage Code              | S                                                                                                 |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE3 Premium Efficiency Mining Motors

