

PRODUCT-DETAILS

# 3GJM181410-ASL

## M3JM 180MLA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM181410-ASL |
| ABB Type Designation | M3JM 180MLA 2  |
| Catalog Description  | M3JM 180MLA 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 180MLA 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6310/C3       |
| Bearing NDE           | 6310/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   | 22.00 kW | 2956 r/min | 37.70 A | 0.900        | 92.70 %    | 70.98 N-m | 7.80  |
| D    | --         | 50 Hz | 230 V   | 22.00 kW | 2956 r/min | 65.50 A | 0.900        | 92.70 %    | 70.98 N-m | 7.80  |
| Y    | --         | 50 Hz | 415 V   | 22.00 kW | 2959 r/min | 36.70 A | 0.890        | 92.70 %    | 70.91 N-m | 8.40  |

|              |        |
|--------------|--------|
| Gross Weight | 301 kg |
|--------------|--------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 92.7 %<br>Partial Load (75%) 93.1 %<br>Partial Load (50%) 92.5 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 91.7 %<br>Partial Load (75%) 91.7 %<br>Partial Load (50%) 90.4 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP66                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3JM 180MLA 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        | 291 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                                                                                          |
| 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

