

## PRODUCT-DETAILS

# 3GJM161430-AEH

## M3JM 160MLC 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM161430-AEH |
| ABB Type Designation | M3JM 160MLC 2  |
| Catalog Description  | M3JM 160MLC 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 160MLC 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 |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| D    | --         | 50 Hz | 500 V   | 18.50 kW | 2934 r/min | 25.90 A | 0.900        | 91.60 %    | 60.26 N·m | 7.40  |

|                       |                           |
|-----------------------|---------------------------|
| Gross Weight          | 250 kg                    |
| IC Class              | IC411                     |
| IE Class Data (50 Hz) | IE Class IE2              |
|                       | Full Load (100%) 91.6 %   |
|                       | Partial Load (75%) 92.4 % |

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
|                              | Partial Load (50%) 92.3 %                                   |
| IM Class                     | IMB3 IM1001                                                 |
| IP Class                     | IP66                                                        |
| Insulation Class             | ICLF                                                        |
| Invoice Description          | M3JM 160MLC 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           | 240 kg                                                      |
| Product Type                 | 3JM2__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor          |
| Quote Only                   | No                                                          |
| Selling Unit of Measure      | piece                                                       |
| Temperature Class<br>Default | --                                                          |
| Terminator Box Location      | Top                                                         |
| Two Speed Motor              | No                                                          |
| Type of Duty                 | S1                                                          |
| UNSPSC                       | 26101100                                                    |
| Voltage Code                 | E                                                           |
| 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

