

PRODUCT-DETAILS

# 3GJM162420-BEK

## M3JM 160MLB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM162420-BEK |
| ABB Type Designation | M3JM 160MLB 4  |
| Catalog Description  | M3JM 160MLB 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 160MLB 4 |
| 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   | 15.00 kW | 1474 r/min | 22.60 A | 0.840        | 92.60 %    | 97.10 N·m | 7.90  |
| D    | --         | 60 Hz | 575 V   | 15.00 kW | 1778 r/min | 19.50 A | 0.830        | 93.10 %    | 80.50 N·m | 8.90  |

|              |        |
|--------------|--------|
| Gross Weight | 279 kg |
| IC Class     | IC411  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)        | IE Class IE3<br>Full Load (100%) 92.6 %<br>Partial Load (75%) 93.4 %<br>Partial Load (50%) 93.2 % |
| IE Class Data (60 Hz)        | IE Class IE3<br>Full Load (100%) 93.1 %<br>Partial Load (75%) 93.4 %<br>Partial Load (50%) 92.6 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP66                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M3JM 160MLB 4                                                                                     |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 4                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 pallet (lift)                                                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 269 kg                                                                                            |
| Product Type                 | 3JM3__M3JM_IE3_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 IE3 Premium Efficiency Mining Motors

