

PRODUCT-DETAILS

# 3GJM102510-ASH

## M3JM 100LA 4

"No longer for sale" replaced by 3GJM102530-



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM102510-ASH |
| ABB Type Designation | M3JM 100LA 4   |
| Catalog Description  | M3JM 100LA 4   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 100LA 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6206-2Z/C3   |
| Bearing NDE           | 6206-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015220     |
| EX-Protection         | Exd          |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 400 V   | 2.20 kW | 1437 r/min | 4.42 A  | 0.840        | 85.50 %    | 14.60 N-m | 5.90  |
| D    | --         | 50 Hz | 230 V   | 2.20 kW | 1437 r/min | 7.70 A  | 0.840        | 85.50 %    | 14.60 N-m | 5.90  |
| Y    | --         | 50 Hz | 415 V   | 2.20 kW | 1442 r/min | 4.30 A  | 0.830        | 85.00 %    | 14.60 N-m | 6.30  |

Gross Weight

77 kg

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| IC Class                     | IC411                                                      |
| IE Class Data (50 Hz)        | IE Class IE2                                               |
|                              | Full Load (100%) 85.0 %                                    |
|                              | Partial Load (75%) 85.8 %                                  |
|                              | Partial Load (50%) 84.6 %                                  |
| IM Class                     | IMB3 IM1001                                                |
| IP Class                     | IP66                                                       |
| Insulation Class             | ICLF                                                       |
| Invoice Description          | M3JM 100LA 4                                               |
| Made To Order                | No                                                         |
| Minimum Order Quantity       | 1 piece                                                    |
| Number of Poles (High)       | 4                                                          |
| Order Multiple               | 1 piece                                                    |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 72 kg                                                      |
| Product Type                 | 3JM2__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor         |
| Quote Only                   | No                                                         |
| Replacement Product ID (NEW) | 3GJM102530-ASJ                                             |
| Selling Unit of Measure      | piece                                                      |
| Temperature Class Default    | --                                                         |
| Terminator Box Location      | Top                                                        |
| Two Speed Motor              | No                                                         |
| UNSPSC                       | 26101100                                                   |
| Voltage Code                 | S                                                          |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE2 High Efficiency Mining Motors

