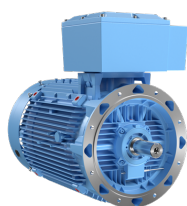


PRODUCT-DETAILS

# 3GJM312230-BLK

## M3JM 315SMC 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJM312230-BLK |
| ABB Type Designation | M3JM 315SMC 4  |
| Catalog Description  | M3JM 315SMC 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JM 315SMC 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6319/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exdb          |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed      | Current | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|-----------|------------|---------|--------------|------------|------------|-------|
| D    | --         | 50 Hz | 1000 V  | 110.00 kW | 1490 r/min | 77.60 A | 0.850        | 96.10 %    | 704.96 N·m | 7.70  |

|                       |              |
|-----------------------|--------------|
| Gross Weight          | 1136 kg      |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE3 |

|                              |                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------|
|                              | Full Load (100%) 96.1 %<br>Partial Load (75%) 96.4 %<br>Partial Load (50%) 96.0 % |
| IM Class                     | IMB5 IM3001                                                                       |
| IP Class                     | IP66                                                                              |
| Insulation Class             | ICLF                                                                              |
| Invoice Description          | M3JM 315SMC 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           | 1116 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      | D-End top                                                                         |
| Two Speed Motor              | No                                                                                |
| Voltage Code                 | L                                                                                 |
| 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

