

PRODUCT-DETAILS

# 3GJM082310-BSJ

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GJM082310-BSJ           |
| ABB Type Designation | M3JM 80MA 4              |
| Catalog Description  | No Description Available |

## Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3JM 80MA 4  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |
| EX-Protection         | Exdb         |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 0.55 kW | 1442 r/min | 1.45 A  | 0.680        | 77.10 %    | 3.64 N·m | 6.80  |
| D    | --         | 50 Hz | 230 V   | 0.55 kW | 1442 r/min | 2.51 A  | 0.680        | 77.10 %    | 3.64 N·m | 6.80  |
| Y    | --         | 60 Hz | 460 V   | 0.55 kW | 1752 r/min | 1.32 A  | 0.650        | 75.50 %    | 2.99 N·m | 7.80  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 53 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 77.1 %<br>Partial Load (75%) 76.5 %<br>Partial Load (50%) 72.5 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 75.5 %<br>Partial Load (75%) 73.7 %<br>Partial Load (50%) 68.1 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP66                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| 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        | 50 kg                                                                                             |
| Product Type              | 3JM0__M3JM_IE2_Group_I_Flameproof_Exd_mining_motor                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GJM082310-BSH                                                                                    |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100<br>39120000                                                                              |
| 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

