

## PRODUCT-DETAILS

# 3GBL162423-BSC

## M3BL 160MLB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBL162423-BSC |
| ABB Type Designation | M3BL 160MLB 4  |
| Catalog Description  | M3BL 160MLB 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3BL 160MLB 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309-2Z/C3    |
| Bearing NDE           | 6209-2Z/C3    |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015230      |
| Direction of Rotation | Both sides    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 400 V   | 15.00 kW | 1500 r/min | 32.10 A | 0.770        | 94.80 %    | 95.00 N-m | 0.00  |

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Gross Weight          | 187 kg                                                               |
| IC Class              | IC411                                                                |
| IE Class Data (50 Hz) | IE Class IE5<br>Full Load (100%) 94.8 %<br>Partial Load (75%) 94.9 % |

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
|                           | Partial Load (50%) 94.6 %                                   |
| IM Class                  | IMB5 IM3001                                                 |
| IP Class                  | IP55                                                        |
| Insulation Class          | ICLF                                                        |
| Invoice Description       | M3BL 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 synchronous motor                                   |
| Product Net Weight        | 177 kg                                                      |
| Product Type              | 3BL4__M3BL_IE4_SynRM_CI                                     |
| Quote Only                | No                                                          |
| Replaced Product ID (OLD) | 3GBL162105-BSC                                              |
| Selling Unit of Measure   | piece                                                       |
| Stocked At (Warehouses)   | Menden, Germany                                             |
| Temperature Class Default | --                                                          |
| Terminator Box Location   | D-End top                                                   |
| Two Speed Motor           | No                                                          |
| Type of Duty              | S1                                                          |
| UNSPSC                    | 26101100                                                    |
| Voltage Code              | S                                                           |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → IE5 SynRM Motors

