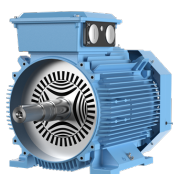


PRODUCT-DETAILS

# 3GBL252262-HSC

## M3BL 250SMF 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBL252262-HSC |
| ABB Type Designation | M3BL 250SMF 4  |
| Catalog Description  | M3BL 250SMF 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3BL 250SMF 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6315/C3       |
| Bearing NDE           | 6210/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   | 30.00 kW | 1000 r/min | 67.20 A | 0.730        | 95.30 %    | 286.00 N·m | 0.00  |

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Gross Weight          | 401 kg                                                               |
| IC Class              | IC411                                                                |
| IE Class Data (50 Hz) | IE Class IE5<br>Full Load (100%) 95.3 %<br>Partial Load (75%) 95.4 % |

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
|                         | Partial Load (50%) 94.9 %                                   |
| IM Class                | IMB35 IM2001                                                |
| IP Class                | IP55                                                        |
| Insulation Class        | ICLF                                                        |
| Invoice Description     | M3BL 250SMF 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)                                             |
| Pre Modified Motor      | 3GBL252262-ASC                                              |
| Product ID              |                                                             |
| Product Name            | 3-Phase synchronous motor                                   |
| Product Net Weight      | 391 kg                                                      |
| Product Type            | 3BL4__M3BL_IE4_SynRM_Cl                                     |
| Quote Only              | No                                                          |
| Selling Unit of Measure | piece                                                       |
| 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

