

PRODUCT-DETAILS

# 3GAA223220-HSK

## M3AA 225SMB 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA223220-HSK |
| ABB Type Designation | M3AA 225SMB 6  |
| Catalog Description  | M3AA 225SMB 6  |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3AA 225SMB 6               |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6313-2Z/C3                  |
| Bearing NDE           | 6212-2Z/C3                  |
| Country of Origin     | Finland (FI)<br>Poland (PL) |
| 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   | 37.00 kW | 986 r/min  | 75.10 A  | 0.760        | 93.30 %    | 357.60 N-m  | 7.70  |
| D    | --         | 50 Hz | 230 V   | 37.00 kW | 986 r/min  | 130.00 A | 0.760        | 93.30 %    | 357.60 N-m  | 7.70  |
| Y    | --         | 50 Hz | 380 V   | 37.00 kW | 985 r/min  | 76.20 A  | 0.790        | 93.30 %    | 358.19 N-m  | 7.10  |
| D    | --         | 50 Hz | 220 V   | 37.00 kW | 985 r/min  | 132.00 A | 0.790        | 93.30 %    | 358.19 N-m  | 7.10  |
| Y    | --         | 50 Hz | 415 V   | 37.00 kW | 987 r/min  | 75.40 A  | 0.730        | 93.30 %    | 357.26 N-m  | 8.00  |
| Y    | --         | 60 Hz | 460 V   | 37.00 kW | 1189 r/min | 65.50 A  | 0.750        | 94.10 %    | 2974.00 N-m | 8.80  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 317 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 93.3 %<br>Partial Load (75%) 93.4 %<br>Partial Load (50%) 92.7 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 94.1 %<br>Partial Load (75%) 94.1 %<br>Partial Load (50%) 93.2 % |
| IM Class                  | IMB35 IM2001                                                                                      |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3AA 2255MB 6                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 6                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Pre Modified Motor        | 3GAA223220-ASK                                                                                    |
| Product ID                |                                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 307 kg                                                                                            |
| Product Type              | 3AA3__M3AA_IE3_AA                                                                                 |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA223054-HSK                                                                                    |
| SCIP                      | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                                 |
| 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)                                       |

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

