

PRODUCT-DETAILS

# 3GAA222210-HSF

## M2AA 225SMA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA222210-HSF |
| ABB Type Designation | M2AA 225SMA 4  |
| Catalog Description  | M2AA 225SMA 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2AA 225SMA 4 |
| Bearing               | 6213-2Z/C3    |
| Bearing NDE           | 6210-2Z/C3    |
| Country of Origin     | 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 | 1478 r/min | 68.60 A  | 0.840        | 93.00 %    | 238.00 N·m | 7.20  |
| D    | --         | 50 Hz | 230 V   | 37.00 kW | 1478 r/min | 120.00 A | 0.840        | 93.00 %    | 238.00 N·m | 7.20  |
| Y    | --         | 50 Hz | 415 V   | 37.00 kW | 1480 r/min | 67.60 A  | 0.810        | 93.60 %    | 238.00 N·m | 7.60  |
| Y    | --         | 60 Hz | 460 V   | 37.00 kW | 1782 r/min | 59.80 A  | 0.840        | 93.70 %    | 198.00 N·m | 8.30  |

|              |        |
|--------------|--------|
| Gross Weight | 249 kg |
|--------------|--------|

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                         | IC411                                                                                             |
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 93.0 %<br>Partial Load (75%) 93.9 %<br>Partial Load (50%) 93.8 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 93.7 %<br>Partial Load (75%) 93.9 %<br>Partial Load (50%) 94.1 % |
| IM Class                         | IMB35 IM2001                                                                                      |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M2AA 225SMA 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<br>Product ID | 3GAA222210-ASF                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 239 kg                                                                                            |
| Product Type                     | 2AA2_M2AA_IE2_AA                                                                                  |
| Quote Only                       | No                                                                                                |
| Replaced Product ID<br>(OLD)     | 3GAA222043-HSG                                                                                    |
| Selling Unit of Measure          | piece                                                                                             |
| Stocked At<br>(Warehouses)       | Menden, Germany                                                                                   |
| Temperature Class<br>Default     | --                                                                                                |
| Terminator Box Location          | D-End top                                                                                         |
| Two Speed Motor                  | No                                                                                                |
| 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 → General Performance Motors → IE2 High Efficiency Aluminum Motors



