

PRODUCT-DETAILS

# 3GBA222220-ASC

## M2BAX 225SMB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA222220-ASC |
| ABB Type Designation | M2BAX 225SMB 4 |
| Catalog Description  | M2BAX 225SMB 4 |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BAX 225SMB 4            |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6213-2Z/C3                |
| Bearing NDE           | 6210-2Z/C3                |
| Country of Origin     | China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015290                  |
| 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   | 45.00 kW | 1480 r/min | 85.50 A  | 0.820        | 93.10 %    | 290.40 N-m | 7.70  |
| D    | --         | 50 Hz | 230 V   | 45.00 kW | 1480 r/min | 149.00 A | 0.820        | 93.10 %    | 291.00 N-m | 7.70  |
| Y    | --         | 50 Hz | 380 V   | 45.00 kW | 1477 r/min | 88.10 A  | 0.830        | 93.10 %    | 291.00 N-m | 7.20  |
| D    | --         | 50 Hz | 220 V   | 45.00 kW | 1477 r/min | 152.00 A | 0.830        | 93.10 %    | 291.00 N-m | 7.20  |
| Y    | --         | 60 Hz | 440 V   | 45.00 kW | 1779 r/min | 76.30 A  | 0.830        | 93.60 %    | 241.48 N-m | 8.70  |
| Y    | --         | 60 Hz | 460 V   | 45.00 kW | 1782 r/min | 74.70 A  | 0.810        | 93.60 %    | 241.23 N-m | 9.10  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 302 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 93.1 %<br>Partial Load (75%) 93.3 %<br>Partial Load (50%) 92.8 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 93.4 %<br>Partial Load (50%) 92.4 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 225SMB 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 squirrel cage motor                                                                       |
| Product Net Weight        | 292 kg                                                                                            |
| Product Type              | EBA2__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GBA222044-ASG                                                                                    |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Stocked At (Warehouses)   | Menden, Germany<br>Shanghai, China                                                                |
| 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 → General Performance Motors → IE2 High Efficiency Cast Iron Motors

