

PRODUCT-DETAILS

# 3GBA251210-ADC

## M2BAX 250SMA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA251210-ADC |
| ABB Type Designation | M2BAX 250SMA 2 |
| Catalog Description  | M2BAX 250SMA 2 |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BAX 250SMA 2            |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6215-2Z/C3                |
| Bearing NDE           | 6212-2Z/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 | 690 V   | 55.00 kW | 2965 r/min | 56.80 A  | 0.870        | 93.20 %    | 177.10 N·m | 7.40  |
| D    | --         | 50 Hz | 400 V   | 55.00 kW | 2965 r/min | 97.90 A  | 0.870        | 93.20 %    | 177.10 N·m | 7.40  |
| Y    | --         | 50 Hz | 660 V   | 55.00 kW | 2958 r/min | 58.00 A  | 0.890        | 93.20 %    | 177.10 N·m | 7.40  |
| D    | --         | 50 Hz | 380 V   | 55.00 kW | 2958 r/min | 101.00 A | 0.890        | 93.20 %    | 177.10 N·m | 7.40  |
| D    | --         | 60 Hz | 440 V   | 55.00 kW | 3562 r/min | 85.30 A  | 0.910        | 93.00 %    | 147.24 N·m | 8.80  |
| D    | --         | 60 Hz | 460 V   | 55.00 kW | 3565 r/min | 84.30 A  | 0.880        | 93.00 %    | 147.12 N·m | 9.40  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 345 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 93.2 %<br>Partial Load (75%) 93.2 %<br>Partial Load (50%) 92.5 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 93.0 %<br>Partial Load (75%) 92.7 %<br>Partial Load (50%) 91.6 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 250SMA 2                                                                                    |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 335 kg                                                                                            |
| Product Type              | EBA2__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| 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              | D                                                                                                 |
| 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 Cast Iron Motors

