

PRODUCT-DETAILS

# 3GBA091010-ADD

## M2BAX90SLA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA091010-ADD |
| ABB Type Designation | M2BAX 90SLA 2  |
| Catalog Description  | M2BAX90SLA 2   |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2BAX 90SLA 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6205-2Z/C3    |
| Bearing NDE           | 6204-2Z/C3    |
| Country of Origin     | China (CN)    |
| Customs Tariff Number | 85015220      |
| 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   | 2.20 kW | 2905 r/min | 2.49 A  | 0.860        | 85.90 %    | 7.22 N·m | 9.10  |
| D    | --         | 50 Hz | 400 V   | 2.20 kW | 2905 r/min | 4.30 A  | 0.860        | 85.90 %    | 7.22 N·m | 9.10  |
| Y    | --         | 50 Hz | 660 V   | 2.20 kW | 2893 r/min | 2.55 A  | 0.880        | 85.90 %    | 7.25 N·m | 8.40  |
| D    | --         | 50 Hz | 380 V   | 2.20 kW | 2893 r/min | 4.42 A  | 0.880        | 86.50 %    | 7.25 N·m | 8.40  |
| D    | --         | 50 Hz | 415 V   | 2.20 kW | 2912 r/min | 4.24 A  | 0.840        | 85.90 %    | 7.20 N·m | 9.60  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 29 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 85.9 %<br>Partial Load (75%) 85.7 %<br>Partial Load (50%) 84.2 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 86.5 %<br>Partial Load (75%) 85.6 %<br>Partial Load (50%) 83.4 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX90SLA 2                                                                                      |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 26 kg                                                                                             |
| Product Type              | EBA3_M2BAX_CI                                                                                     |
| Quote Only                | No                                                                                                |
| 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              | D                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

