

PRODUCT-DETAILS

# 3GBA113310-BSCCN

## M2BAX 112MA 6



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA113310-BSCCN |
| ABB Type Designation | M2BAX 112MA 6    |
| Catalog Description  | M2BAX 112MA 6    |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2BAX 112MA 6 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6206-2Z/C3    |
| Bearing NDE           | 6205-2Z/C3    |
| Country of Origin     | China (CN)    |
| Customs Tariff Number | 85015100      |
| 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   | 2.20 kW | 956 r/min  | 5.97 A  | 0.660        | 81.80 %    | 21.90 N·m | 5.50  |
| D    | --         | 50 Hz | 230 V   | 2.20 kW | 955 r/min  | 10.30 A | 0.660        | 81.80 %    | 21.90 N·m | 5.50  |
| Y    | --         | 50 Hz | 380 V   | 2.20 kW | 950 r/min  | 5.89 A  | 0.700        | 81.80 %    | 21.90 N·m | 5.30  |
| D    | --         | 50 Hz | 220 V   | 2.20 kW | 950 r/min  | 10.20 A | 0.700        | 81.80 %    | 21.90 N·m | 5.30  |
| Y    | --         | 60 Hz | 440 V   | 2.20 kW | 1157 r/min | 5.30 A  | 0.660        | 78.50 %    | 18.14 N·m | 6.00  |
| Y    | --         | 60 Hz | 460 V   | 2.20 kW | 1161 r/min | 5.38 A  | 0.620        | 78.50 %    | 18.08 N·m | 6.40  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight                 | 45 kg                                                                                             |
| IC Class                     | IC411                                                                                             |
| IE Class Data (50 Hz)        | IE Class IE2<br>Full Load (100%) 81.8 %<br>Partial Load (75%) 79.6 %<br>Partial Load (50%) 76.0 % |
| IE Class Data (60 Hz)        | IE Class IE1<br>Full Load (100%) 78.5 %<br>Partial Load (75%) 75.6 %<br>Partial Load (50%) 70.9 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M2BAX 112MA 6                                                                                     |
| Lubrication                  | For life                                                                                          |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 6                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 carton                                                                                          |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 40 kg                                                                                             |
| Product Type                 | CBA2__M2BAX_CI                                                                                    |
| Quote Only                   | No                                                                                                |
| Selling Unit of Measure      | piece                                                                                             |
| Standards                    | IEC 60034-1                                                                                       |
| Starting of Motor            | Direct Online                                                                                     |
| Stocked At<br>(Warehouses)   | Shanghai, China<br>Guangzhou, China<br>China                                                      |
| Temperature Class<br>Default | --                                                                                                |
| Temperature Rise             | 80 K                                                                                              |
| Terminator Box Location      | D-End top                                                                                         |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | S                                                                                                 |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

