

PRODUCT-DETAILS

# 3GBA092110-ASCCN

## M2BAX 90SA 4



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA092110-ASCCN |
| ABB Type Designation | M2BAX 90SA 4     |
| Catalog Description  | M2BAX 90SA 4     |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M2BAX 90SA 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/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   | 1.10 kW | 1447 r/min | 2.74 A  | 0.710        | 81.40 %    | 7.35 N·m | 6.60  |
| D    | --         | 50 Hz | 230 V   | 1.10 kW | 1447 r/min | 4.75 A  | 0.710        | 81.40 %    | 7.35 N·m | 6.60  |
| Y    | --         | 50 Hz | 380 V   | 1.10 kW | 1440 r/min | 2.70 A  | 0.760        | 81.40 %    | 7.35 N·m | 6.30  |
| D    | --         | 50 Hz | 220 V   | 1.10 kW | 1440 r/min | 4.68 A  | 0.760        | 81.40 %    | 7.35 N·m | 6.30  |
| Y    | --         | 60 Hz | 440 V   | 1.10 kW | 1754 r/min | 2.43 A  | 0.710        | 84.00 %    | 6.05 N·m | 7.40  |
| Y    | --         | 60 Hz | 460 V   | 1.10 kW | 1760 r/min | 2.46 A  | 0.670        | 84.00 %    | 6.03 N·m | 7.70  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight                 | 25 kg                                                                                             |
| IC Class                     | IC411                                                                                             |
| IE Class Data (50 Hz)        | IE Class IE2<br>Full Load (100%) 81.4 %<br>Partial Load (75%) 79.5 %<br>Partial Load (50%) 75.7 % |
| IE Class Data (60 Hz)        | IE Class IE2<br>Full Load (100%) 84.0 %<br>Partial Load (75%) 81.6 %<br>Partial Load (50%) 77.2 % |
| IM Class                     | IMB3 IM1001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M2BAX 90SA 4                                                                                      |
| Lubrication                  | For life                                                                                          |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 4                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 carton                                                                                          |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 22 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

