

PRODUCT-DETAILS

# 3GBA113410-BSDCN

## M2BAX112MLA6



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA113410-BSDCN |
| ABB Type Designation | M2BAX 112MLA 6   |
| Catalog Description  | M2BAX112MLA6     |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 112MLA 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 | 5.94 A  | 0.640        | 84.30 %    | 21.95 N·m | 6.50  |
| D    | --         | 50 Hz | 230 V   | 2.20 kW | 957 r/min | 10.30 A | 0.640        | 84.30 %    | 21.95 N·m | 6.50  |
| Y    | --         | 50 Hz | 380 V   | 2.20 kW | 950 r/min | 5.90 A  | 0.680        | 84.30 %    | 21.97 N·m | 6.20  |
| D    | --         | 50 Hz | 220 V   | 2.20 kW | 951 r/min | 10.20 A | 0.680        | 84.30 %    | 21.97 N·m | 6.20  |

|              |       |
|--------------|-------|
| Gross Weight | 51 kg |
| IC Class     | IC411 |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)        | IE Class IE3<br>Full Load (100%) 84.3 %<br>Partial Load (75%) 83.8 %<br>Partial Load (50%) 81.5 % |
| IE Class Data (60 Hz)        | IE Class IE1<br>Full Load (100%) 78.5 %<br>Partial Load (75%) 76.0 %<br>Partial Load (50%) 71.5 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M2BAX112MLA6                                                                                      |
| 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           | 46 kg                                                                                             |
| Product Type                 | CBA3_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                                                                                   |
| Temperature Class<br>Default | --                                                                                                |
| 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 → IE3 Premium Efficiency Cast Iron Motors



