

PRODUCT-DETAILS

# 3GBA162410-BSCCN

## M2BAX 160MLA4



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA162410-BSCCN |
| ABB Type Designation | M2BAX 160MLA 4   |
| Catalog Description  | M2BAX 160MLA4    |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 160MLA 4 |
| Altitude              | 1000 m         |
| Ambient Temperature   | 40 °C          |
| Bearing               | 6209-2Z/C3     |
| Bearing NDE           | 6209-2Z/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   | 11.00 kW | 1463 r/min | 22.40 A | 0.790        | 89.80 %    | 71.41 N·m | 6.90  |
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 1463 r/min | 39.00 A | 0.790        | 89.80 %    | 71.41 N·m | 6.90  |
| Y    | --         | 50 Hz | 380 V   | 11.00 kW | 1459 r/min | 23.00 A | 0.820        | 89.80 %    | 71.61 N·m | 6.90  |
| D    | --         | 50 Hz | 220 V   | 11.00 kW | 1459 r/min | 39.70 A | 0.820        | 89.80 %    | 71.61 N·m | 6.70  |
| Y    | --         | 60 Hz | 440 V   | 11.00 kW | 1763 r/min | 20.00 A | 0.800        | 88.50 %    | 59.27 N·m | 7.40  |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 1766 r/min | 19.60 A | 0.780        | 88.50 %    | 59.16 N·m | 8.80  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 121 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 89.8 %<br>Partial Load (75%) 90.1 %<br>Partial Load (50%) 89.7 % |
| IE Class Data (60 Hz)     | IE Class IE1<br>Full Load (100%) 88.5 %<br>Partial Load (75%) 88.1 %<br>Partial Load (50%) 86.7 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLA4                                                                                     |
| 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 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 111 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 (Warehouses)   | Shanghai, China<br>Guangzhou, China                                                               |
| Temperature Class 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             | 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

