

PRODUCT-DETAILS

# 3GBA163420-ASCCN

## M2BAX 160MLB6



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA163420-ASCCN |
| ABB Type Designation | M2BAX 160MLB 6   |
| Catalog Description  | M2BAX 160MLB6    |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 160MLB 6 |
| 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 | 972 r/min  | 23.10 A | 0.770        | 88.70 %    | 107.99 N·m | 7.00  |
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 972 r/min  | 40.10 A | 0.770        | 88.70 %    | 107.99 N·m | 7.00  |
| Y    | --         | 50 Hz | 380 V   | 11.00 kW | 969 r/min  | 23.70 A | 0.800        | 88.70 %    | 108.38 N·m | 6.70  |
| D    | --         | 50 Hz | 220 V   | 11.00 kW | 969 r/min  | 40.90 A | 0.800        | 88.70 %    | 108.38 N·m | 6.70  |
| Y    | --         | 60 Hz | 440 V   | 11.00 kW | 1173 r/min | 20.40 A | 0.790        | 90.20 %    | 89.52 N·m  | 8.00  |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 1175 r/min | 20.10 A | 0.760        | 90.20 %    | 89.32 N·m  | 8.30  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 144 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 88.7 %<br>Partial Load (75%) 89.1 %<br>Partial Load (50%) 89.4 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 90.2 %<br>Partial Load (75%) 90.0 %<br>Partial Load (50%) 89.6 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLB6                                                                                     |
| 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 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 134 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

