

PRODUCT-DETAILS

# 3GBA161430-BSCCN

## M2BAX 160MLC2



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA161430-BSCCN |
| ABB Type Designation | M2BAX 160MLC 2   |
| Catalog Description  | M2BAX 160MLC2    |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 160MLC 2 |
| 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   | 18.50 kW | 2946 r/min | 33.00 A | 0.880        | 90.90 %    | 60.03 N·m | 8.40  |
| D    | --         | 50 Hz | 230 V   | 18.50 kW | 2935 r/min | 57.40 A | 0.880        | 90.90 %    | 60.03 N·m | 8.40  |
| Y    | --         | 50 Hz | 380 V   | 18.50 kW | 2929 r/min | 34.40 A | 0.890        | 90.90 %    | 60.18 N·m | 7.60  |
| D    | --         | 50 Hz | 220 V   | 18.50 kW | 2929 r/min | 59.50 A | 0.890        | 90.90 %    | 60.18 N·m | 7.60  |
| Y    | --         | 60 Hz | 440 V   | 18.50 kW | 3537 r/min | 29.00 A | 0.910        | 91.00 %    | 49.82 N·m | 9.30  |
| Y    | --         | 60 Hz | 460 V   | 18.50 kW | 3543 r/min | 29.00 A | 0.870        | 91.00 %    | 49.75 N·m | 9.60  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 134 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 90.9 %<br>Partial Load (75%) 90.9 %<br>Partial Load (50%) 90.6 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 91.0 %<br>Partial Load (75%) 90.5 %<br>Partial Load (50%) 89.3 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLC2                                                                                     |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 124 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

