

PRODUCT-DETAILS

# 3GBA161430-BDF

## M2BAX 160MLC 2



### General Information

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

### 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)<br>Poland (PL) |
| Customs Tariff Number | 85015230                  |
| Direction of Rotation | Both sides                |
| Electrical Data       |                           |

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 690 V   | 18.50 kW | 2949 r/min | 18.20 A | 0.900        | 92.40 %    | 59.81 N·m | 9.00  |
| D    | --         | 50 Hz | 400 V   | 18.50 kW | 2949 r/min | 32.00 A | 0.900        | 92.40 %    | 59.81 N·m | 9.00  |
| Y    | --         | 50 Hz | 660 V   | 18.50 kW | 2939 r/min | 18.80 A | 0.910        | 92.40 %    | 59.92 N·m | 8.10  |
| D    | --         | 50 Hz | 380 V   | 18.50 kW | 2939 r/min | 33.50 A | 0.910        | 92.40 %    | 59.93 N·m | 8.10  |
| D    | --         | 60 Hz | 440 V   | 18.50 kW | 3551 r/min | 28.80 A | 0.900        | 91.70 %    | 49.70 N·m | 9.60  |
| D    | --         | 60 Hz | 460 V   | 18.50 kW | 3555 r/min | 27.90 A | 0.890        | 91.70 %    | 49.64 N·m | 10.50 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 155 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 92.4 %<br>Partial Load (75%) 93.0 %<br>Partial Load (50%) 92.6 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 91.7 %<br>Partial Load (75%) 91.9 %<br>Partial Load (50%) 90.7 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLC 2                                                                                    |
| 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        | 145 kg                                                                                            |
| Product Type              | EBA3__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Stocked At (Warehouses)   | Menden, Germany                                                                                   |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | D                                                                                                 |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

