

PRODUCT-DETAILS

# 3GBA162420-BEC

## M2BAX 160MLB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA162420-BEC |
| ABB Type Designation | M2BAX 160MLB 4 |
| Catalog Description  | M2BAX 160MLB 4 |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BAX 160MLB 4            |
| 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 |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| D    | --         | 50 Hz | 500 V   | 15.00 kW | 1462 r/min | 22.90 A | 0.840        | 90.60 %    | 97.79 N·m | 7.30  |
| D    | --         | 60 Hz | 575 V   | 15.00 kW | 1765 r/min | 19.90 A | 0.830        | 91.00 %    | 80.92 N·m | 8.70  |

|              |        |
|--------------|--------|
| Gross Weight | 136 kg |
| IC Class     | IC411  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 90.6 %<br>Partial Load (75%) 91.1 %<br>Partial Load (50%) 91.1 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 91.0 %<br>Partial Load (75%) 90.9 %<br>Partial Load (50%) 90.1 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLB 4                                                                                    |
| 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        | 126 kg                                                                                            |
| Product Type              | EBA2__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Stocked At (Warehouses)   | Shanghai, China                                                                                   |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | E                                                                                                 |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors



