

PRODUCT-DETAILS

# 3GBA162410-ADD

## M2BAX 160MLA 4



### General Information

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

### 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     | Poland (PL)<br>Finland (FI)<br>China (CN) |
| 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   | 11.00 kW | 1477 r/min | 12.20 A | 0.820        | 91.40 %    | 71.27 N·m | 7.60  |
| D    | --         | 50 Hz | 400 V   | 11.00 kW | 1477 r/min | 21.10 A | 0.820        | 91.40 %    | 71.27 N·m | 7.60  |
| Y    | --         | 50 Hz | 660 V   | 11.00 kW | 1474 r/min | 12.70 A | 0.830        | 91.40 %    | 71.46 N·m | 6.90  |
| D    | --         | 50 Hz | 380 V   | 11.00 kW | 1474 r/min | 21.90 A | 0.830        | 91.40 %    | 71.46 N·m | 6.90  |
| D    | --         | 60 Hz | 440 V   | 11.00 kW | 1778 r/min | 18.90 A | 0.830        | 92.40 %    | 59.22 N·m | 7.90  |
| D    | --         | 60 Hz | 460 V   | 11.00 kW | 1777 r/min | 18.20 A | 0.820        | 92.40 %    | 59.14 N·m | 8.70  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 144 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 91.4 %<br>Partial Load (75%) 91.8 %<br>Partial Load (50%) 91.1 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 92.4 %<br>Partial Load (75%) 92.2 %<br>Partial Load (50%) 90.9 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 160MLA 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        | 134 kg                                                                                            |
| Product Type              | EBA3__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Stocked At (Warehouses)   | Vittuone, Italy                                                                                   |
| 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

