

## PRODUCT-DETAILS

# 3GAA163420-ASF

## M2AA 160MLB 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA163420-ASF |
| ABB Type Designation | M2AA 160MLB 6  |
| Catalog Description  | M2AA 160MLB 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2AA 160MLB 6 |
| Bearing               | 6209-2Z/C3    |
| Bearing NDE           | 6209-2Z/C3    |
| Country of Origin     | 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 | 400 V   | 11.00 kW | 970 r/min  | 22.30 A | 0.790        | 88.70 %    | 108.00 N-m | 7.60  |
| D    | --         | 50 Hz | 230 V   | 11.00 kW | 970 r/min  | 38.30 A | 0.790        | 88.70 %    | 108.00 N-m | 7.60  |
| Y    | --         | 50 Hz | 415 V   | 11.00 kW | 973 r/min  | 22.30 A | 0.770        | 88.90 %    | 108.00 N-m | 8.00  |
| Y    | --         | 60 Hz | 460 V   | 11.00 kW | 1176 r/min | 19.80 A | 0.770        | 90.30 %    | 89.30 N-m  | 8.50  |

|              |        |
|--------------|--------|
| Gross Weight | 131 kg |
|--------------|--------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE1<br>Full Load (100%) 88.6 %<br>Partial Load (75%) 87.9 %<br>Partial Load (50%) 87.9 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 90.3 %<br>Partial Load (75%) 90.9 %<br>Partial Load (50%) 89.9 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 160MLB 6                                                                                     |
| 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        | 121 kg                                                                                            |
| Product Type              | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA163044-ASG                                                                                    |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| 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 Aluminum Motors



