

PRODUCT-DETAILS

# 3GAA183410-ASF

## M2AA 180MLA 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA183410-ASF |
| ABB Type Designation | M2AA 180MLA 6  |
| Catalog Description  | M2AA 180MLA 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2AA 180MLA 6 |
| Bearing               | 6210-2Z/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   | 15.00 kW | 971 r/min  | 31.70 A | 0.760        | 89.70 %    | 147.00 N·m | 7.80  |
| D    | --         | 50 Hz | 230 V   | 15.00 kW | 971 r/min  | 55.50 A | 0.760        | 89.70 %    | 147.00 N·m | 7.80  |
| Y    | --         | 50 Hz | 415 V   | 15.00 kW | 974 r/min  | 31.80 A | 0.730        | 89.70 %    | 147.00 N·m | 8.00  |
| Y    | --         | 60 Hz | 460 V   | 15.00 kW | 1176 r/min | 28.20 A | 0.750        | 90.80 %    | 121.00 N·m | 8.50  |

|              |        |
|--------------|--------|
| Gross Weight | 149 kg |
|--------------|--------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 89.7 %<br>Partial Load (75%) 90.7 %<br>Partial Load (50%) 89.9 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 90.8 %<br>Partial Load (75%) 91.3 %<br>Partial Load (50%) 90.1 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 180MLA 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        | 139 kg                                                                                            |
| Product Type              | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA183042-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



