

PRODUCT-DETAILS

# 3GAA182410-ASF

## M2AA 180MLA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA182410-ASF |
| ABB Type Designation | M2AA 180MLA 4  |
| Catalog Description  | M2AA 180MLA 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M2AA 180MLA 4 |
| 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   | 18.50 kW | 1464 r/min | 35.20 A | 0.840        | 91.20 %    | 120.00 N-m | 7.90  |
| D    | --         | 50 Hz | 230 V   | 18.50 kW | 1464 r/min | 61.20 A | 0.840        | 91.20 %    | 120.00 N-m | 7.90  |
| Y    | --         | 50 Hz | 415 V   | 18.50 kW | 1467 r/min | 34.40 A | 0.820        | 91.30 %    | 120.00 N-m | 8.40  |
| Y    | --         | 60 Hz | 460 V   | 18.50 kW | 1770 r/min | 30.40 A | 0.830        | 92.40 %    | 99.80 N-m  | 9.00  |

|              |        |
|--------------|--------|
| Gross Weight | 135 kg |
|--------------|--------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 91.2 %<br>Partial Load (75%) 92.0 %<br>Partial Load (50%) 91.6 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 92.4 %<br>Partial Load (75%) 92.8 %<br>Partial Load (50%) 91.6 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 180MLA 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        | 125 kg                                                                                            |
| Product Type              | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA182043-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



