

PRODUCT-DETAILS

# 3GAA083002-CDE

## M2AA 80B 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA083002-CDE |
| ABB Type Designation | M2AA 80B 6     |
| Catalog Description  | M2AA 80B 6     |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M2AA 80B 6                 |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6204-2Z/C3                 |
| Bearing NDE           | 6203-2Z/C3                 |
| Country of Origin     | Italy (IT)<br>Romania (RO) |
| Customs Tariff Number | 85015100                   |
| Direction of Rotation | Both sides                 |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|
| D    | --         | 50 Hz | 400 V   | 0.55 kW | 905 r/min  | 1.58 A  | 0.730        | 68.70 %    |
| Y    | --         | 50 Hz | 690 V   | 0.55 kW | 905 r/min  | 0.91 A  | 0.730        | 68.70 %    |
| D    | --         | 60 Hz | 460 V   | 0.55 kW | 1120 r/min | 1.36 A  | 0.680        | 74.60 %    |

|              |       |
|--------------|-------|
| Gross Weight | 10 kg |
| IC Class     | IC411 |

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| IM Class                  | IMB14 IM3601                                               |
| IP Class                  | IP55                                                       |
| Insulation Class          | ICLF                                                       |
| Invoice Description       | M2AA 80B 6                                                 |
| Lubrication               | For life                                                   |
| Made To Order             | No                                                         |
| Minimum Order Quantity    | 1 piece                                                    |
| Moment of Inertia         | 0.00260 kg/m³                                              |
| Number of Poles (High)    | 6                                                          |
| Package Level 1 Units     | 1 carton                                                   |
| Product Name              | 3-Phase squirrel cage motor                                |
| Product Net Weight        | 10 kg                                                      |
| Product Type              | 2AA2__M2AA__IE2_AA                                         |
| Quote Only                | No                                                         |
| Replaced Product ID (OLD) | 3GAA083062-CDA                                             |
| Selling Unit of Measure   | piece                                                      |
| Sound dB (A)              | 47 dB(A)                                                   |
| Standards                 | IEC 60034-1                                                |
| Starting of Motor         | Direct Online                                              |
| Stocked At (Warehouses)   | Menden, Germany                                            |
| Temperature Class Default | --                                                         |
| Terminator Box Location   | D-End top                                                  |
| Two Speed Motor           | No                                                         |
| Type of Duty              | S1                                                         |
| UNSPSC                    | 26101100                                                   |
| Voltage Code              | D                                                          |
| WEEE Category             | 5. Small Equipment (No 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



