

## PRODUCT-DETAILS

# 3GAA083002-AFE

## M2AA 80A 6 0,55KW 6P 500VY 50HZ B3



### General Information

|                      |                                    |
|----------------------|------------------------------------|
| Product ID           | 3GAA083002-AFE                     |
| ABB Type Designation | M2AA 80B 6                         |
| Catalog Description  | M2AA 80A 6 0,55KW 6P 500VY 50HZ B3 |

### 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     | Turkey (TR) |
| Customs Tariff Number | 85015100    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 500 V   | 0.55 kW | 905 r/min | 1.26 A  | 0.730        | 68.70 %    | 5.80 N-m | 3.30  |

Gross Weight 13 kg

IC Class IC411

IE Class Data (50 Hz) IE Class NA  
 Full Load (100%) 68.7 %  
 Partial Load (75%) 71.8 %  
 Partial Load (50%) 69.7 %

IM Class IMB3 IM1001

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| IP Class                  | IP55                                                       |
| Insulation Class          | ICLF                                                       |
| Invoice Description       | M2AA 80A 6 0,55KW 6P 500VY 50HZ B3                         |
| Lubrication               | For life                                                   |
| Made To Order             | No                                                         |
| Minimum Order Quantity    | 1 piece                                                    |
| Moment of Inertia         | 0.00128 kg/m³                                              |
| Number of Poles (High)    | 6                                                          |
| Order Multiple            | 1 piece                                                    |
| Package Level 1 Units     | 0 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) | 3GVA083002-AFC                                             |
| 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   | Top                                                        |
| Two Speed Motor           | No                                                         |
| Type of Duty              | S1                                                         |
| UNSPSC                    | 26101100                                                   |
| Voltage Code              | F                                                          |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors



