

PRODUCT-DETAILS

# 3GAA071002-BDE

## M2AA 71B 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA071002-BDE |
| ABB Type Designation | M2AA 71B 2     |
| Catalog Description  | M2AA 71B 2     |

### Additional Information

|                       |                          |
|-----------------------|--------------------------|
| ABB Type Designation  | M2AA 71B 2               |
| Altitude              | 1000 m                   |
| Ambient Temperature   | 40 °C                    |
| Bearing               | 6203-2Z/C3               |
| Bearing NDE           | 6202-2Z/C3               |
| Country of Origin     | Italy (IT)<br>China (CN) |
| Customs Tariff Number | 85015100                 |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | --         | 50 Hz | 400 V   | 0.55 kW | 2790 r/min | 1.29 A  | 0.790        | 74.10 %    | 1.88 N-m | 5.10  |
| D    | --         | 60 Hz | 460 V   | 0.55 kW | 3431 r/min | 1.13 A  | 0.760        | 74.00 %    | 1.53 N-m | 6.20  |

|                       |              |
|-----------------------|--------------|
| Gross Weight          | 8.9 kg       |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE2 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
|                           | Full Load (100%) 74.1 %<br>Partial Load (75%) 75.4 %<br>Partial Load (50%) 73.4 %                 |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 74.0 %<br>Partial Load (75%) 73.6 %<br>Partial Load (50%) 69.2 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 71B 2                                                                                        |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Moment of Inertia         | 0.00045 kg/m <sup>3</sup>                                                                         |
| Number of Poles (High)    | 2                                                                                                 |
| Package Level 1 Units     | 1 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 5.9 kg                                                                                            |
| Product Type              | 2AA2__M2AA__IE2__AA                                                                               |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA071002-BDC<br>3GVA071002-BDB<br>3GAA071062-BDA                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Sound dB (A)              | 58 dB(A)                                                                                          |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | 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)                                        |

---

## Categories

---

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



