

PRODUCT-DETAILS

# 3GAA072001-BSE

## M2AA 71A 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA072001-BSE |
| ABB Type Designation | M2AA 71A 4     |
| Catalog Description  | M2AA 71A 4     |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2AA 71A 4                |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6203-2Z/C3                |
| Bearing NDE           | 6202-2Z/C3                |
| Country of Origin     | China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015100                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 0.25 kW | 1365 r/min | 0.72 A  | 0.760        | 65.10 %    | 1.74 N-m | 4.00  |
| D    | --         | 50 Hz | 230 V   | 0.25 kW | 1365 r/min | 1.25 A  | 0.760        | 65.10 %    | 1.74 N-m | 4.00  |
| Y    | --         | 60 Hz | 460 V   | 0.25 kW | 1685 r/min | 0.66 A  | 0.680        | 69.30 %    | 1.41 N-m | 4.80  |

|                |          |
|----------------|----------|
| Frame Material | Aluminum |
|----------------|----------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 8.2 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE1<br>Full Load (100%) 65.1 %<br>Partial Load (75%) 66.0 %<br>Partial Load (50%) 62.7 % |
| IE Class Data (60 Hz)     | IE Class IE1<br>Full Load (100%) 69.3 %<br>Partial Load (75%) 68.7 %<br>Partial Load (50%) 64.0 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 71A 4                                                                                        |
| IP Class                  | IP55                                                                                              |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Moment of Inertia         | 0.00066 kg/m <sup>3</sup>                                                                         |
| Number of Poles (High)    | 4                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 5.2 kg                                                                                            |
| Product Type              | 2AA2_M2AA_IE2_AA                                                                                  |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GVA072001-BSB<br>3GAA072061-BSA                                                                  |
| 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              | S                                                                                                 |
| 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

