

## PRODUCT-DETAILS

# 3GAA112320-CDJ

## M3AA 112MB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA112320-CDJ |
| ABB Type Designation | M3AA 112MB 4   |
| Catalog Description  | M3AA 112MB 4   |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3AA 112MB 4                |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6206-2Z/C3                  |
| Bearing NDE           | 6205-2Z/C3                  |
| Country of Origin     | Finland (FI)<br>Poland (PL) |
| Customs Tariff Number | 85015220                    |
| Direction of Rotation | Both sides                  |
| Electrical Data       |                             |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 690 V   | 4.00 kW | 1451 r/min | 5.00 A  | 0.770        | 88.60 %    | 26.30 N·m | 7.60  |
| D    | --         | 50 Hz | 400 V   | 4.00 kW | 1451 r/min | 8.60 A  | 0.770        | 88.60 %    | 26.30 N·m | 7.60  |
| D    | --         | 50 Hz | 415 V   | 4.00 kW | 1455 r/min | 8.70 A  | 0.740        | 88.60 %    | 26.30 N·m | 8.10  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 39 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 88.6 %<br>Partial Load (75%) 89.1 %<br>Partial Load (50%) 88.3 % |
| IM Class                  | IMB14 IM3601                                                                                      |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3AA 112MB 4                                                                                      |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Pre Modified Motor        | 3GAA112320-BDJ                                                                                    |
| Product ID                |                                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 34 kg                                                                                             |
| Product Type              | 3AA0_M3AA_AA                                                                                      |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA112612-CDJ                                                                                    |
| SCIP                      | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| 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)                                        |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors



