

PRODUCT-DETAILS

# 3GAA132300-ADE122

## M3AA 132M 4



### General Information

|                      |                   |
|----------------------|-------------------|
| Product ID           | 3GAA132300-ADE122 |
| ABB Type Designation | M3AA 132M 4       |
| Catalog Description  | M3AA 132M 4       |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M3AA 132M 4               |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6208-2Z/C3                |
| Bearing NDE           | 6206-2Z/C3                |
| Country of Origin     | China (CN)<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   | 5.50 kW | 1465 r/min | 6.30 A  | 0.790        | 89.00 %    | 36.00 N·m | 6.20  |
| D    | --         | 50 Hz | 400 V   | 5.50 kW | 1465 r/min | 10.90 A | 0.790        | 89.00 %    | 36.00 N·m | 6.30  |
| D    | --         | 60 Hz | 460 V   | 5.50 kW | 1769 r/min | 9.50 A  | 0.790        | 89.70 %    | 29.80 N·m | 7.30  |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight                     | 53 kg                                                                                             |
| IC Class                         | IC411                                                                                             |
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 89.0 %<br>Partial Load (75%) 89.5 %<br>Partial Load (50%) 88.6 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 89.7 %<br>Partial Load (75%) 89.5 %<br>Partial Load (50%) 87.8 % |
| IM Class                         | IMB3 IM1001                                                                                       |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M3AA 132M 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<br>Product ID | 3GAA132300-ADE                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 48 kg                                                                                             |
| Product Type                     | 3AA2__M3AA_IE2_AA                                                                                 |
| Quote Only                       | No                                                                                                |
| Replaced Product ID<br>(OLD)     | 3GAA132312-ADEK1                                                                                  |
| Selling Unit of Measure          | piece                                                                                             |
| Stocked At<br>(Warehouses)       | Menden, Germany                                                                                   |
| Temperature Class<br>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 → IE2 High Efficiency Aluminum Motors



