

## PRODUCT-DETAILS

# 3GAA132212-ADEK1

## M2AA 132M 4



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GAA132212-ADEK1 |
| ABB Type Designation | M2AA 132M 4      |
| Catalog Description  | M2AA 132M 4      |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M2AA 132M 4                |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6208-2Z/C3                 |
| Bearing NDE           | 6206-2Z/C3                 |
| Country of Origin     | Poland (PL)<br>Sweden (SE) |
| Customs Tariff Number | 85015220                   |

#### 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          | M2AA 132M 4                                                                                       |
| Lubrication                  | For life                                                                                          |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Moment of Inertia            | 0.03800 kg/m³                                                                                     |
| Number of Poles (High)       | 4                                                                                                 |
| Package Level 1 Units        | 0 carton                                                                                          |
| Pre Modified Motor           | 3GAA132212-ADE                                                                                    |
| Product ID                   |                                                                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 48 kg                                                                                             |
| Product Type                 | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                   | No                                                                                                |
| Selling Unit of Measure      | piece                                                                                             |
| Standards                    | IEC 60034-1                                                                                       |
| Starting of Motor            | Direct Online                                                                                     |
| Stocked At<br>(Warehouses)   | Menden, Germany                                                                                   |
| Temperature Class<br>Default | --                                                                                                |
| 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



