

## PRODUCT-DETAILS

# 3GAA131213-ADEK1

## M2AA 132SC 2



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GAA131213-ADEK1 |
| ABB Type Designation | M2AA 132SC 2     |
| Catalog Description  | M2AA 132SC 2     |

### Additional Information

|                       |                                          |
|-----------------------|------------------------------------------|
| ABB Type Designation  | M2AA 132SC 2                             |
| Altitude              | 1000 m                                   |
| Ambient Temperature   | 40 °C                                    |
| Bearing               | 6208-2Z/C3                               |
| Bearing NDE           | 6206-2Z/C3                               |
| Country of Origin     | Poland (PL)<br>Sweden (SE)<br>China (CN) |
| 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   | 7.50 kW | 2915 r/min | 7.92 A  | 0.880        | 88.50 %    | 24.50 N-m | 7.60  |
| D    | --         | 50 Hz | 400 V   | 7.50 kW | 2915 r/min | 13.60 A | 0.880        | 88.50 %    | 24.50 N-m | 7.60  |
| D    | --         | 60 Hz | 460 V   | 7.50 kW | 3525 r/min | 12.00 A | 0.890        | 89.50 %    | 20.30 N-m | 8.70  |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight                     | 61 kg                                                                                             |
| IC Class                         | IC411                                                                                             |
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 88.5 %<br>Partial Load (75%) 89.2 %<br>Partial Load (50%) 88.6 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 89.5 %<br>Partial Load (75%) 89.2 %<br>Partial Load (50%) 87.6 % |
| IM Class                         | IMB3 IM1001                                                                                       |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M2AA 132SC 2                                                                                      |
| Lubrication                      | For life                                                                                          |
| Made To Order                    | No                                                                                                |
| Minimum Order Quantity           | 1 piece                                                                                           |
| Moment of Inertia                | 0.02200 kg/m <sup>3</sup>                                                                         |
| Number of Poles (High)           | 2                                                                                                 |
| Package Level 1 Units            | 0 carton                                                                                          |
| Pre Modified Motor<br>Product ID | 3GAA131213-ADE                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 56 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     | --                                                                                                |
| 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)                                        |

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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

