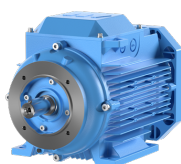


PRODUCT-DETAILS

# 3GAA131002-BDE

## (3GAA131002-BDE)



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GAA131002-BDE   |
| ABB Type Designation | M2AA 132SB 2     |
| Catalog Description  | (3GAA131002-BDE) |

### Ordering

|                           |                                         |
|---------------------------|-----------------------------------------|
| ABB Type Designation      | M2AA 132SB 2                            |
| Invoice Description       | M2AA 132SB 2                            |
| Product Name              | 3-Phase squirrel cage motor             |
| Product Type              | 2AA1_M2AA_IE1_AA                        |
| Made To Order             | No                                      |
| Minimum Order Quantity    | 1 piece                                 |
| Selling Unit of Measure   | piece                                   |
| Country of Origin         | Spain (ES)<br>China (CN)<br>Sweden (SE) |
| Customs Tariff Number     | 85015220                                |
| Replaced Product ID (OLD) | 3GAA131062-BDA                          |

Electrical

Electrical Data

| Conn                   | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN                                                                                            |
|------------------------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|--------------------------------------------------------------------------------------------------|
| Y                      | --         | 50 Hz | 690 V   | 7.50 kW | 2860 r/min | 8.00 A  | 0.890        | 88.00 %    | 25.00 N-m | 8.50                                                                                             |
| D                      | --         | 50 Hz | 400 V   | 7.50 kW | 2860 r/min | 13.80 A | 0.890        | 88.00 %    | 25.00 N-m | 8.50                                                                                             |
| D                      | --         | 60 Hz | 460 V   | 7.50 kW | 3470 r/min | 12.20 A | 0.890        | 87.00 %    | 20.60 N-m | 9.60                                                                                             |
| Temperature Class      |            |       |         |         |            |         |              |            |           | --                                                                                               |
| Default                |            |       |         |         |            |         |              |            |           |                                                                                                  |
| Altitude               |            |       |         |         |            |         |              |            |           | 1000 m                                                                                           |
| Ambient Temperature    |            |       |         |         |            |         |              |            |           | 40 °C                                                                                            |
| IC Class               |            |       |         |         |            |         |              |            |           | IC411                                                                                            |
| IE Class Data (50 Hz)  |            |       |         |         |            |         |              |            |           | IE Class NA<br>Full Load (100%) 88.0 %<br>Partial Load (75%) 86.2 %<br>Partial Load (50%) 83.1 % |
| IE Class Data (60 Hz)  |            |       |         |         |            |         |              |            |           | IE Class NA<br>Full Load (100%) 87.0 %<br>Partial Load (75%) 86.3 %<br>Partial Load (50%) 83.7 % |
| IP Class               |            |       |         |         |            |         |              |            |           | IP55                                                                                             |
| Insulation Class       |            |       |         |         |            |         |              |            |           | ICLF                                                                                             |
| Direction of Rotation  |            |       |         |         |            |         |              |            |           | Both sides                                                                                       |
| Number of Poles (High) |            |       |         |         |            |         |              |            |           | 2                                                                                                |
| Two Speed Motor        |            |       |         |         |            |         |              |            |           | No                                                                                               |
| Type of Duty           |            |       |         |         |            |         |              |            |           | S1                                                                                               |
| Voltage Code           |            |       |         |         |            |         |              |            |           | D                                                                                                |

Mechanical

|                         |             |
|-------------------------|-------------|
| Frame Material          | Aluminum    |
| Frame Size              | 132         |
| Bearing                 | 6208-2Z/C3  |
| Bearing NDE             | 6206-2Z/C3  |
| Lubrication             | For life    |
| IM Class                | IMB5 IM3001 |
| Terminator Box Location | Top         |

Dimensions

|                       |          |
|-----------------------|----------|
| Package Level 1 Units | 1 carton |
| Product Net Weight    | 43 kg    |
| Gross Weight          | 48 kg    |

Environmental

|               |                                                            |
|---------------|------------------------------------------------------------|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| SCIP          | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)          |

**Classifications**

|           |             |
|-----------|-------------|
| Standards | IEC 60034-1 |
| UNSPSC    | 26101100    |

**Categories**

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

