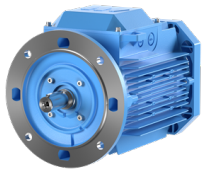




PRODUCT-DETAILS

3GAA131250-BDK

IE3 Premium Efficiency Aluminum Motors, 11 kW, 400 V (3GAA131250-BDK)



General Information

| | |
|------------------------------|---|
| Product ID: | 3GAA131250-BDK |
| ABB Type Designation: | M3AA 132SME 2 |
| Catalog Description: | IE3 Premium Efficiency Aluminum Motors, 11 kW, 400 V (3GAA131250-BDK) |
| Display Name: | 3GAA131250-BDK |

Ordering

| | |
|-------------------------------|-----------------------------|
| ABB Type Designation: | M3AA 132SME 2 |
| Invoice Description: | M3AA 132SME 2 |
| Product Name: | 3-Phase squirrel cage motor |
| Product Type: | 3AA3__M3AA_IE3_AA |
| Country of Origin: | Finland Poland China |
| Customs Tariff Number: | 85015230 |

| | |
|---------------------------------|--|
| Stocked At (Warehouses): | Menden, Germany Vittuone, Italy |
| Medium Description: | 11kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131250-BDK) |
| Short Description: | 11kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001 |

Electrical

| Conn | Temp Class | Network Freq | Network Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|--------------|-----------------|----------|------------|---------|--------------|------------|-----------|-------|
| D | -- | 60 Hz | 460 V | 11.00 kW | 3544 r/min | 16.70 A | 0.890 | 91.00 % | 29.60 N·m | 11.80 |
| Y | -- | 50 Hz | 690 V | 11.00 kW | 2935 r/min | 11.00 A | 0.900 | 91.20 % | 35.80 N·m | 10.40 |
| D | -- | 50 Hz | 400 V | 11.00 kW | 2935 r/min | 19.10 A | 0.900 | 91.20 % | 35.80 N·m | 10.40 |
| Y | -- | 50 Hz | 660 V | 11.00 kW | 2927 r/min | 11.50 A | 0.910 | 91.20 % | 35.90 N·m | 9.40 |
| D | -- | 50 Hz | 380 V | 11.00 kW | 2927 r/min | 19.90 A | 0.910 | 91.20 % | 35.90 N·m | 9.40 |
| D | -- | 50 Hz | 415 V | 11.00 kW | 2941 r/min | 18.60 A | 0.890 | 91.20 % | 35.70 N·m | 11.20 |

| | |
|--|---|
| Connection Configuration: | D |
| Temperature Class Default: | -- |
| Input Voltage (U_{in}): | 400 V |
| Frequency (f): | 50 Hz |
| Output Power: | 11 kW |
| Altitude: | 1000 m |
| Ambient Temperature: | 40 °C |
| IC Class: | IC411 |
| IE Class Data (50 Hz): | IE Class IE3 Full Load (100%) 91.2 % Partial Load (75%) 91.0 % Partial Load (50%) 89.9 % |
| IE Class Data (60 Hz): | IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 90.9 % Partial Load (50%) 88.9 % |
| 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: | 6308-2Z/C3 |
| Bearing NDE: | 6206-2Z/C3 |
| IM Class: | IMB5 IM3001 |
| Terminator Box Location: | D-End top |

Dimensions

| | |
|------------------------------------|--------|
| Product Net Depth / Length: | 550 mm |
| Product Net Height: | 321 mm |
| Product Net Width: | 262 mm |
| Product Net Weight: | 90 kg |
| Gross Weight: | 95 kg |

Environmental

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

External Classifications and Standards

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|----------------|----------|
| UNSPSC: | 26101100 |
|----------------|----------|

Categories

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

