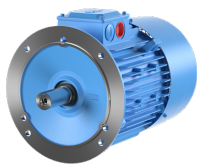




PRODUCT-DETAILS

3GBA131110-BDC

IE2 High Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA131110-BDC)



| General Information | |
|----------------------|--|
| Product ID | 3GBA131110-BDC |
| ABB Type Designation | M2BAX 132SA 2 |
| Catalog Description | IE2 High Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA131110-BDC) |

| Ordering | |
|----------------------------|--|
| ABB Type Designation | M2BAX 132SA 2 |
| Invoice Description | M2BAX 132SA 2 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | EBA2__M2BAX_CI |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | China (CN) Poland (PL) |
| Customs Tariff Number | 85015220 |
| Stocked At (Warehouses) | Shanghai, China |
| Medium Description | 5.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA131110-BDC) |

Short Description

5.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 690 V | 5.50 kW | 2921 r/min | 6.26 A | 0.850 | 87.00 % | 18.02 N-m | 8.30 |
| D | -- | 50 Hz | 400 V | 5.50 kW | 2921 r/min | 10.80 A | 0.850 | 87.00 % | 18.02 N-m | 8.30 |
| Y | -- | 50 Hz | 660 V | 5.50 kW | 2908 r/min | 6.40 A | 0.870 | 87.00 % | 18.00 N-m | 7.60 |
| D | -- | 50 Hz | 380 V | 5.50 kW | 2908 r/min | 11.10 A | 0.870 | 87.00 % | 18.00 N-m | 7.60 |
| D | -- | 60 Hz | 440 V | 5.50 kW | 3518 r/min | 9.44 A | 0.900 | 86.00 % | 14.88 N-m | 9.00 |
| D | -- | 60 Hz | 460 V | 5.50 kW | 3526 r/min | 9.64 A | 0.830 | 86.00 % | 14.85 N-m | 9.30 |

| | |
|----------------------------------|---|
| Connection Configuration | D |
| Temperature Class Default | -- |
| Input Voltage (U _{in}) | 400 V |
| Frequency (f) | 50 Hz |
| Output Power | 5.5 kW |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 87.0 % Partial Load (75%) 85.9 % Partial Load (50%) 83.6 % |
| IE Class Data (60 Hz) | IE Class IE1 Full Load (100%) 86.0 % Partial Load (75%) 84.1 % Partial Load (50%) 80.6 % |
| 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 | Cast Iron |
| Frame Size | 132 |
| Bearing | 6208-2Z/C3 |
| Bearing NDE | 6208-2Z/C3 |
| Lubrication | For life |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

| Dimensions | |
|----------------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Depth / Length | 426 mm |
| Product Net Height | 302 mm |
| Product Net Width | 270 mm |
| Product Net Weight | 56 kg |
| Gross Weight | 61 kg |

| Environmental | |
|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| SCIP | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI) |

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

| Categories |
|---|
| Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors |

