



PRODUCT-DETAILS

3GBA133110-BSNCN

IE4 Super Premium Efficiency Cast Iron Motors, 3 kW, 400 V (3GBA133110-BSNCN)



| General Information | |
|----------------------|---|
| Product ID | 3GBA133110-BSNCN |
| ABB Type Designation | M2BAX 132SA 6 |
| Catalog Description | IE4 Super Premium Efficiency Cast Iron Motors, 3 kW, 400 V (3GBA133110-BSNCN) |

| Ordering | |
|-------------------------|---|
| ABB Type Designation | M2BAX 132SA 6 |
| Invoice Description | M2BAX 132SA 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | CBA4 _M2BAX_IE4_CI |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | China (CN) |
| Customs Tariff Number | 85015220 |
| Medium Description | 3kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA133110-BSNCN) |
| Short Description | 3kW, 6P., 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 | 400 V | 3.00 kW | 983 r/min | 7.20 A | 0.680 | 88.60 % | 29.10 N·m | 7.10 |
| D | -- | 50 Hz | 230 V | 3.00 kW | 983 r/min | 12.50 A | 0.680 | 88.60 % | 29.20 N·m | 7.10 |
| Y | -- | 50 Hz | 380 V | 3.00 kW | 981 r/min | 7.20 A | 0.720 | 88.60 % | 29.20 N·m | 6.70 |
| D | -- | 50 Hz | 220 V | 3.00 kW | 981 r/min | 12.50 A | 0.720 | 88.60 % | 29.20 N·m | 6.70 |
| Y | -- | 60 Hz | 440 V | 3.00 kW | 1184 r/min | 6.30 A | 0.690 | 90.20 % | 24.20 N·m | 7.60 |
| Y | -- | 60 Hz | 460 V | 3.00 kW | 1185 r/min | 6.40 A | 0.660 | 90.20 % | 24.20 N·m | 8.00 |

| | |
|----------------------------------|---|
| Connection Configuration | Y |
| Temperature Class | -- |
| Default | |
| Input Voltage (U _{in}) | 400 V |
| Frequency (f) | 50 Hz |
| Output Power | 3 kW |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE4 Full Load (100%) 88.6 % Partial Load (75%) 88.9 % Partial Load (50%) 87.4 % |
| IE Class Data (60 Hz) | IE Class IE4 Full Load (100%) 90.2 % Partial Load (75%) 90.1 % Partial Load (50%) 88.2 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 6 |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | S |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 132 |
| Bearing | 6208-2Z/C3 |
| Bearing NDE | 6208-2Z/C3 |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|----------------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Depth / Length | 479 mm |
| Product Net Height | 302 mm |
| Product Net Width | 262 mm |
| Product Net Weight | 66 kg |
| Gross Weight | 71 kg |

Classifications

| | |
|--------|----------|
| UNSPSC | 26101100 |
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

