



PRODUCT-DETAILS

3GBA073320-BSDCN
(3GBA073320-BSDCN)



General Information

| | |
|----------------------|--------------------|
| Product ID | 3GBA073320-BSDCN |
| ABB Type Designation | M2BAX 71MB 6 |
| Catalog Description | (3GBA073320-BSDCN) |

Ordering

| | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2BAX 71MB 6 |
| Invoice Description | M2BAX71MB6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | CBA3_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) |
| Customs Tariff Number | 85015100 |
| Stocked At (Warehouses) | Shanghai, China |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|---------------------------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|---|
| Y | -- | 50 Hz | 400 V | 0.18 kW | 931 r/min | 0.60 A | 0.690 | 63.90 % | 1.87 N·m | 3.80 |
| D | -- | 50 Hz | 230 V | 0.18 kW | 931 r/min | 1.04 A | 0.690 | 63.90 % | 1.87 N·m | 3.80 |
| Y | -- | 50 Hz | 380 V | 0.18 kW | 922 r/min | 0.59 A | 0.730 | 63.90 % | 1.87 N·m | 3.80 |
| D | -- | 50 Hz | 220 V | 0.18 kW | 922 r/min | 1.02 A | 0.730 | 63.90 % | 1.87 N·m | 3.80 |
| Y | -- | 60 Hz | 440 V | 0.18 kW | 1137 r/min | 0.52 A | 0.670 | 55.00 % | 1.52 N·m | 4.60 |
| Y | -- | 60 Hz | 460 V | 0.18 kW | 1144 r/min | 0.52 A | 0.640 | 55.00 % | 1.51 N·m | 4.70 |
| Temperature Class Default | | | | | | | | | | -- |
| Altitude | | | | | | | | | | 1000 m |
| Ambient Temperature | | | | | | | | | | 40 °C |
| IC Class | | | | | | | | | | IC411 |
| IE Class Data (50 Hz) | | | | | | | | | | IE Class IE3 Full Load (100%) 63.9 % Partial Load (75%) 60.0 % Partial Load (50%) 53.2 % |
| IE Class Data (60 Hz) | | | | | | | | | | IE Class IE2 Full Load (100%) 55.0 % Partial Load (75%) 50.8 % Partial Load (50%) 41.3 % |
| 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 | 71 |
| Bearing | 6203-2Z/C3 |
| Bearing NDE | 6202-2Z/C3 |
| Lubrication | For life |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 10 kg |
| Gross Weight | 13 kg |

Environmental

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|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
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Classifications

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

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

