



PRODUCT-DETAILS

3GBA084410-BSDCN
(3GBA084410-BSDCN)



General Information

| | |
|----------------------|--------------------|
| Product ID | 3GBA084410-BSDCN |
| ABB Type Designation | M2BAX 80MLA 8 |
| Catalog Description | (3GBA084410-BSDCN) |

Ordering

| | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2BAX 80MLA 8 |
| Invoice Description | M2BAX 80MLA 8 |
| 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 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|---------------------------|------------|-------|---------|---------|-----------|---------|--------------|------------|----------|---|
| Y | -- | 50 Hz | 400 V | 0.25 kW | 694 r/min | 0.88 A | 0.670 | 64.10 % | 3.44 N·m | 3.40 |
| D | -- | 50 Hz | 230 V | 0.25 kW | 694 r/min | 1.46 A | 0.670 | 64.10 % | 3.44 N·m | 3.40 |
| Y | -- | 50 Hz | 380 V | 0.25 kW | 686 r/min | 0.86 A | 0.690 | 64.10 % | 3.48 N·m | 3.30 |
| D | -- | 50 Hz | 220 V | 0.25 kW | 686 r/min | 1.48 A | 0.690 | 64.10 % | 3.48 N·m | 3.30 |
| Y | -- | 60 Hz | 440 V | 0.25 kW | 846 r/min | 0.74 A | 0.650 | 68.00 % | 2.82 N·m | 3.70 |
| Y | -- | 60 Hz | 460 V | 0.25 kW | 852 r/min | 0.76 A | 0.610 | 68.00 % | 2.80 N·m | 3.90 |
| Temperature Class Default | | | | | | | | | | -- |
| Altitude | | | | | | | | | | 1000 m |
| Ambient Temperature | | | | | | | | | | 40 °C |
| IC Class | | | | | | | | | | IC411 |
| IE Class Data (50 Hz) | | | | | | | | | | IE Class IE3 Full Load (100%) 64.1 % Partial Load (75%) 62.8 % Partial Load (50%) 56.8 % |
| IE Class Data (60 Hz) | | | | | | | | | | IE Class IE3 Full Load (100%) 68.0 % Partial Load (75%) 65.5 % Partial Load (50%) 58.7 % |
| IP Class | | | | | | | | | | IP55 |
| Insulation Class | | | | | | | | | | ICLF |
| Direction of Rotation | | | | | | | | | | Both sides |
| Number of Poles (High) | | | | | | | | | | 8 |
| Two Speed Motor | | | | | | | | | | No |
| Type of Duty | | | | | | | | | | S1 |
| Voltage Code | | | | | | | | | | S |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 80 |
| Bearing | 6204-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 23 kg |
| Gross Weight | 26 kg |

Classifications

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

Categories

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

