



PRODUCT-DETAILS

3GBA111320-ADKCN

(3GBA111320-ADKCN)



| General Information | |
|----------------------|--------------------|
| Product ID | 3GBA111320-ADKCN |
| ABB Type Designation | M2BAF 112MB 2 |
| Catalog Description | (3GBA111320-ADKCN) |

| Ordering | |
|----------------------------|--|
| ABB Type Designation | M2BAF 112MB 2 |
| Invoice Description | M2BAF 112MB 2 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | CBF3__M2BAF_IE3_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 |
| Stocked At (Warehouses) | Shanghai, China Guangzhou, China China |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 660 V | 4.00 kW | 2879 r/min | 4.32 A | 0.930 | 88.10 % | 13.27 N·m | 7.70 |
| D | -- | 50 Hz | 380 V | 4.00 kW | 2879 r/min | 7.50 A | 0.930 | 88.10 % | 13.27 N·m | 7.70 |

| | |
|------------------------|---|
| Temperature Class | -- |
| Default | |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 88.1 % Partial Load (75%) 89.7 % Partial Load (50%) 90.3 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 88.5 % Partial Load (75%) 89.1 % Partial Load (50%) 88.5 % |
| 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 | 112 |
| Bearing | 6206-2Z/C3 |
| Bearing NDE | 6206-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 43 kg |
| Gross Weight | 48 kg |

Classifications

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

Categories

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

