



 PRODUCT-DETAILS

3GBA224220-ADFCN

(3GBA224220-ADFCN)



General Information

| | |
|----------------------|--------------------|
| Product ID | 3GBA224220-ADFCN |
| ABB Type Designation | M2BAX 225SMB 8 |
| Catalog Description | (3GBA224220-ADFCN) |

Ordering

| | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2BAX 225SMB 8 |
| Invoice Description | M2BAX 225SMB 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 | 85015230 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|-------|
| Y | -- | 50 Hz | 690 V | 22.00 kW | 738 r/min | 28.30 A | 0.720 | 90.60 % | 284.48 N·m | 5.50 |
| D | -- | 50 Hz | 400 V | 22.00 kW | 739 r/min | 49.00 A | 0.720 | 90.60 % | 284.44 N·m | 5.50 |
| Y | -- | 50 Hz | 660 V | 22.00 kW | 737 r/min | 28.40 A | 0.750 | 90.60 % | 284.95 N·m | 5.10 |
| D | -- | 50 Hz | 380 V | 22.00 kW | 737 r/min | 49.20 A | 0.750 | 90.60 % | 284.98 N·m | 5.10 |
| D | -- | 60 Hz | 440 V | 22.00 kW | 889 r/min | 43.00 A | 0.730 | 91.70 % | 236.34 N·m | 5.90 |
| D | -- | 60 Hz | 460 V | 22.00 kW | 890 r/min | 43.00 A | 0.700 | 91.70 % | 236.06 N·m | 6.20 |

Temperature Class

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Default

Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (50 Hz)

IE Class IE3
 Full Load (100%) 90.6 %
 Partial Load (75%) 90.6 %
 Partial Load (50%) 89.1 %

IE Class Data (60 Hz)

IE Class IE3
 Full Load (100%) 91.7 %
 Partial Load (75%) 91.2 %
 Partial Load (50%) 89.4 %

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

D

Mechanical

Frame Material

Cast Iron

Frame Size

225

Bearing

6313-2Z/C3

Bearing NDE

6310-2Z/C3

IM Class

IMB3 IM1001

Terminator Box Location

D-End top

Dimensions

Package Level 1 Units

0 pallet (lift)

Product Net Weight

288 kg

Gross Weight

298 kg

Classifications

UNSPSC

26101100

Categories

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

