



---

**PRODUCT-DETAILS**

# 3GBA223210-ADT

## M2BAX 225SMA 6



---

**General Information**

Product ID	3GBA223210-ADT
ABB Type Designation	M2BAX 225SMA 6
Catalog Description	M2BAX 225SMA 6

---

**Ordering**

ABB Type Designation	M2BAX 225SMA 6
Invoice Description	M2BAX 225SMA 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA1__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	30.00 kW	987 r/min	35.60 A	0.780	90.20 %	290.00 N-m	7.00
D	--	50 Hz	400 V	30.00 kW	987 r/min	60.60 A	0.780	90.20 %	290.00 N-m	7.00
Y	--	50 Hz	660 V	30.00 kW	986 r/min	35.30 A	0.810	90.20 %	290.00 N-m	6.70
D	--	50 Hz	380 V	30.00 kW	986 r/min	61.30 A	0.810	90.20 %	290.00 N-m	6.70
D	--	60 Hz	440 V	30.00 kW	1187 r/min	53.30 A	0.800	91.70 %	241.03 N-m	7.90
D	--	60 Hz	460 V	30.00 kW	1189 r/min	53.30 A	0.770	91.70 %	240.82 N-m	8.10

Temperature Class

Default

--

Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (50 Hz)

IE Class IE1

Full Load (100%) 90.2 %

Partial Load (75%) 90.0 %

Partial Load (50%) 88.8 %

IE Class Data (60 Hz)

IE Class IE1

Full Load (100%) 91.7 %

Partial Load (75%) 91.1 %

Partial Load (50%) 89.7 %

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

D

## Mechanical

Frame Material

Cast Iron

Frame Size

225

Bearing

6213-2Z/C3

Bearing NDE

6210-2Z/C3

IM Class

IMB3 IM1001

Terminator Box Location

D-End top

## Dimensions

Package Level 1 Units

0 pallet (lift)

Product Net Weight

284 kg

Gross Weight

294 kg

## Environmental

WEEE Category

4. Large Equipment (Any External Dimension More Than 50 cm)

---

## Classifications

---

UNSPSC

26101100

---

---

## Categories

---

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE1 Standard Efficiency Cast Iron Motors

