




---

 PRODUCT-DETAILS

# 3GBA283270-ADKCN

## (3GBA283270-ADKCN)




---

**General Information**

Product ID	3GBA283270-ADKCN
ABB Type Designation	M2BAF 280SMG 6
Catalog Description	(3GBA283270-ADKCN)

---

**Ordering**

ABB Type Designation	M2BAF 280SMG 6
Invoice Description	M2BAF 280SMG 6
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	85015290
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	55.00 kW	989 r/min	60.90 A	0.840	94.10 %	531.10 N-m	7.20
D	--	50 Hz	380 V	55.00 kW	989 r/min	106.00 A	0.840	94.10 %	531.10 N-m	7.20

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.1 % Partial Load (75%) 94.7 % Partial Load (50%) 94.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.5 % Partial Load (75%) 94.5 % Partial Load (50%) 93.9 %
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	280
Bearing	6316/C3
Bearing NDE	6316/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	563 kg
Gross Weight	583 kg

## Classifications

UNSPSC	26101100
--------	----------

---

Categories

---

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

