



PRODUCT-DETAILS

3GBA283260-ADFCN

(3GBA283260-ADFCN)



General Information

Product ID	3GBA283260-ADFCN
ABB Type Designation	M2BAX 280SMF 6
Catalog Description	(3GBA283260-ADFCN)

Ordering

ABB Type Designation	M2BAX 280SMF 6
Invoice Description	M2BAX 280SMF6
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
Replaced Product ID (OLD)	3GBA283220-ADMEN

Stocked At
(Warehouses)

Shanghai, China

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	45.00 kW	990 r/min	49.60 A	0.810	93.70 %	434.00 N·m	7.50
D	--	50 Hz	400 V	45.00 kW	990 r/min	85.50 A	0.810	93.70 %	434.00 N·m	7.50
Y	--	50 Hz	660 V	45.00 kW	989 r/min	50.60 A	0.830	93.70 %	435.00 N·m	6.50
D	--	50 Hz	380 V	45.00 kW	989 r/min	87.90 A	0.830	93.70 %	435.00 N·m	6.50
D	--	60 Hz	440 V	45.00 kW	1189 r/min	76.20 A	0.820	94.50 %	361.00 N·m	8.00
D	--	60 Hz	460 V	45.00 kW	1190 r/min	74.70 A	0.810	93.60 %	361.00 N·m	8.50

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%) 93.7 %
Partial Load (75%) 94.0 %
Partial Load (50%) 93.4 %

IE Class Data (60 Hz)

IE Class IE2
Full Load (100%) 93.6 %
Partial Load (75%) 93.5 %
Partial Load (50%) 92.5 %

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

Lubrication

Regreasable

IM Class

IMB3 IM1001

Terminator Box Location

D-End top

Dimensions

Package Level 1 Units

0 pallet (lift)

Product Net Weight

524 kg

Gross Weight 544 kg

Environmental

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

Classifications

Standards IEC 60034-1
UNSPSC 26101100

Categories

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

