

PRODUCT-DETAILS

3GBA222220-BDCCN

M2BAX 225SMB 4



General Information

Product ID	3GBA222220-BDCCN
ABB Type Designation	M2BAX 225SMB 4
Catalog Description	M2BAX 225SMB 4

Additional Information

ABB Type Designation	M2BAX 225SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6213-2Z/C3
Bearing NDE	6210-2Z/C3
Country of Origin	China (CN)
Customs Tariff Number	85015100
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	660 V	45.00 kW	1480 r/min	50.70 A	0.830	93.10 %	291.00 N-m	7.50
D	--	50 Hz	380 V	45.00 kW	1480 r/min	88.00 A	0.830	93.10 %	291.00 N-m	7.50
Y	--	50 Hz	690 V	45.00 kW	1481 r/min	50.60 A	0.800	93.10 %	290.40 N-m	7.90
D	--	50 Hz	400 V	45.00 kW	1481 r/min	87.20 A	0.800	93.10 %	290.40 N-m	7.90
Y	--	50 Hz	660 V	45.00 kW	1480 r/min	50.70 A	0.830	93.10 %	291.00 N-m	7.50
D	--	50 Hz	380 V	45.00 kW	1480 r/min	88.00 A	0.830	93.10 %	291.00 N-m	7.50
D	--	60 Hz	440 V	45.00 kW	1785 r/min	80.20 A	0.780	93.60 %	241.37 N-m	9.40
D	--	60 Hz	460 V	45.00 kW	1786 r/min	78.40 A	0.770	93.60 %	241.13 N-m	10.00

Gross Weight 302 kg

IC Class IC411

IE Class Data (50 Hz) IE Class IE2
Full Load (100%) 93.1 %
Partial Load (75%) 92.9 %
Partial Load (50%) 92.3 %

IE Class Data (60 Hz) IE Class IE2
Full Load (100%) 93.6 %
Partial Load (75%) 93.0 %
Partial Load (50%) 91.5 %

IM Class IMB5 IM3001

IP Class IP55

Insulation Class ICLF

Invoice Description M2BAX 225SMB 4

Lubrication For life

Made To Order No

Minimum Order Quantity 1 piece

Number of Poles (High) 4

Order Multiple 1 piece

Package Level 1 Units 0 pallet (lift)

Product Name 3-Phase squirrel cage motor

Product Net Weight 292 kg

Product Type CBA2_M2BAX_CI

Quote Only No

Selling Unit of Measure piece

Standards IEC 60034-1

Starting of Motor Direct Online

Stocked At (Warehouses) Shanghai, China
Guangzhou, China
China

Temperature Class --

Default

Terminator Box Location D-End top

Two Speed Motor No

Type of Duty S1

UNSPSC 26101100

Voltage Code D

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

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

