

PRODUCT-DETAILS

3GBA222220-BSCCN

M2BAX 225SMB4



General Information

Product ID	3GBA222220-BSCCN
ABB Type Designation	M2BAX 225SMB 4
Catalog Description	M2BAX 225SMB4

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	400 V	45.00 kW	1480 r/min	85.50 A	0.820	93.10 %	290.40 N·m	7.70
D	--	50 Hz	230 V	45.00 kW	1480 r/min	149.00 A	0.820	93.10 %	291.00 N·m	7.70
Y	--	50 Hz	380 V	45.00 kW	1477 r/min	88.10 A	0.830	93.10 %	291.00 N·m	7.20
D	--	50 Hz	220 V	45.00 kW	1477 r/min	152.00 A	0.830	93.10 %	291.00 N·m	7.20
Y	--	60 Hz	440 V	45.00 kW	1779 r/min	76.30 A	0.830	93.60 %	241.48 N·m	8.70
Y	--	60 Hz	460 V	45.00 kW	1782 r/min	74.70 A	0.810	93.60 %	241.23 N·m	9.10

Gross Weight	302 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.1 % Partial Load (75%) 93.3 % Partial Load (50%) 92.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.6 % Partial Load (75%) 93.4 % Partial Load (50%) 92.4 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 225SMB4
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
Temperature Class Default	--
Temperature Rise	80 K
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
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

