

PRODUCT-DETAILS

3GBA221210-BSCCN

M2BAX 225SMA2



General Information

Product ID	3GBA221210-BSCCN
ABB Type Designation	M2BAX 225SMA 2
Catalog Description	M2BAX 225SMA2

Additional Information

ABB Type Designation	M2BAX 225SMA 2
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	2963 r/min	82.70 A	0.840	92.90 %	145.30 N·m	9.30
D	--	50 Hz	230 V	45.00 kW	2963 r/min	144.00 A	0.840	92.90 %	145.30 N·m	8.60
Y	--	50 Hz	380 V	45.00 kW	2959 r/min	85.20 A	0.860	92.90 %	145.60 N·m	8.60
D	--	50 Hz	220 V	45.00 kW	2959 r/min	147.00 A	0.860	92.90 %	145.60 N·m	8.60
Y	--	60 Hz	440 V	45.00 kW	3564 r/min	73.50 A	0.860	93.00 %	120.67 N·m	10.20
Y	--	60 Hz	460 V	45.00 kW	3568 r/min	72.60 A	0.840	93.00 %	120.56 N·m	10.80

Gross Weight	285 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.9 % Partial Load (75%) 92.8 % Partial Load (50%) 91.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.0 % Partial Load (75%) 92.3 % Partial Load (50%) 90.7 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 225SMA2
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	275 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

