
PRODUCT-DETAILS

3GBA251210-BSCCN

M2BAX 250SMA2



General Information

Product ID	3GBA251210-BSCCN
ABB Type Designation	M2BAX 250SMA 2
Catalog Description	M2BAX 250SMA2

Additional Information

ABB Type Designation	M2BAX 250SMA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6215-2Z/C3
Bearing NDE	6212-2Z/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	55.00 kW	2963 r/min	96.90 A	0.870	93.20 %	177.10 N·m	7.50
D	--	50 Hz	230 V	55.00 kW	2963 r/min	169.00 A	0.870	93.20 %	177.10 N·m	7.50
Y	--	50 Hz	380 V	55.00 kW	2959 r/min	100.00 A	0.890	93.20 %	177.10 N·m	7.60
D	--	50 Hz	220 V	55.00 kW	2959 r/min	173.00 A	0.890	93.20 %	177.10 N·m	7.00
Y	--	60 Hz	440 V	55.00 kW	3562 r/min	84.40 A	0.910	93.60 %	147.22 N·m	9.10
Y	--	60 Hz	460 V	55.00 kW	3565 r/min	83.90 A	0.870	93.60 %	147.10 N·m	9.60

Gross Weight	345 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.2 % Partial Load (75%) 93.3 % Partial Load (50%) 92.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.6 % Partial Load (75%) 93.3 % Partial Load (50%) 92.1 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 250SMA2
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	335 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

