

PRODUCT-DETAILS

3GBA222220-BDC

M2BAX 225SMB 4



General Information

Product ID	3GBA222220-BDC
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) Poland (PL)
Customs Tariff Number	85015290
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
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	EBA2__M2BAX_CI
Quote Only	No
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Shanghai, 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

