



PRODUCT-DETAILS

3GBA133220-BDDCN

(3GBA133220-BDDCN)



General Information	
Product ID	3GBA133220-BDDCN
ABB Type Designation	M2BAX 132SMB 6
Catalog Description	(3GBA133220-BDDCN)

Ordering	
ABB Type Designation	M2BAX 132SMB 6
Invoice Description	M2BAX132SMB6
Product Name	3-Phase squirrel cage motor
Product Type	CBA3__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	964 r/min	5.16 A	0.750	86.80 %	39.64 N·m	6.20
D	--	50 Hz	400 V	4.00 kW	964 r/min	8.93 A	0.740	86.80 %	39.63 N·m	6.20
Y	--	50 Hz	660 V	4.00 kW	960 r/min	5.25 A	0.770	86.80 %	39.78 N·m	5.80
D	--	50 Hz	380 V	4.00 kW	960 r/min	9.10 A	0.770	86.80 %	39.79 N·m	5.70
D	--	60 Hz	440 V	4.00 kW	1164 r/min	8.15 A	0.740	87.20 %	32.83 N·m	6.60
D	--	60 Hz	460 V	4.00 kW	1166 r/min	8.05 A	0.720	87.30 %	32.75 N·m	7.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 86.8 % Partial Load (75%) 87.8 % Partial Load (50%) 87.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.2 % Partial Load (75%) 88.0 % Partial Load (50%) 87.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	71 kg
Gross Weight	76 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications	
Standards	IEC 60034-1
UNSPSC	26101100

Categories
Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

