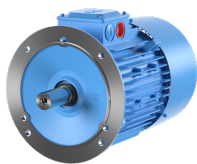


PRODUCT-DETAILS

3GBA133220-BDD

IE3 Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBA133220-BDD)



General Information	
Product ID	3GBA133220-BDD
ABB Type Designation	M2BAX 132SMB 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBA133220-BDD)

Ordering	
ABB Type Designation	M2BAX 132SMB 6
Invoice Description	M2BAX 132SMB 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA3_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	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Medium Description	4kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA133220-BDD)
Short Description	4kW, 6P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

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	971 r/min	5.48 A	0.700	86.80 %	39.38 N·m	6.60
D	--	50 Hz	400 V	4.00 kW	971 r/min	9.50 A	0.700	86.80 %	39.38 N·m	6.60
Y	--	50 Hz	660 V	4.00 kW	967 r/min	6.00 A	0.720	86.80 %	39.50 N·m	6.00
D	--	50 Hz	380 V	4.00 kW	967 r/min	9.72 A	0.720	86.80 %	39.51 N·m	6.00
D	--	50 Hz	415 V	4.00 kW	973 r/min	9.57 A	0.670	86.80 %	39.29 N·m	6.90
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										4 kW
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%) 85.9 % Partial Load (50%) 83.4 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 88.6 % Partial Load (50%) 86.3 %
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
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	521 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	71 kg

Gross Weight

76 kg

Environmental

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

SCIP

d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

UNSPSC

26101100

Categories

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

