



PRODUCT-DETAILS

3GBA132110-BDNCN

IE4 Super Premium Efficiency Cast Iron Motors, 5,5 kW, 400 V (3GBA132110-BDNCN)



General Information	
Product ID	3GBA132110-BDNCN
ABB Type Designation	M2BAX 132SA 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors. 5.5 kW, 400 V (3GBA132110-BDNCN)

Ordering	
ABB Type Designation	M2BAX 132SA 4
Invoice Description	M2BAX 132SA 4
Product Name	3-Phase squirrel cage motor
Product Type	CBA4 _M2BAX_IE4_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
Medium Description	5.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA132110-BDNCN)
Short Description	5.5kW, 4P., Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical	
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Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	1475 r/min	6.33 A	0.790	91.90 %	35.59 N·m	8.40
D	--	50 Hz	400 V	5.50 kW	1475 r/min	10.90 A	0.790	91.90 %	35.59 N·m	8.40
Y	--	50 Hz	660 V	5.50 kW	1475 r/min	6.47 A	0.810	91.90 %	35.61 N·m	7.90
D	--	50 Hz	380 V	5.50 kW	1475 r/min	11.20 A	0.810	91.90 %	35.61 N·m	7.90
D	--	60 Hz	440 V	5.50 kW	1776 r/min	9.77 A	0.800	92.30 %	29.57 N·m	9.20
D	--	60 Hz	460 V	5.50 kW	1778 r/min	9.66 A	0.770	92.30 %	29.54 N·m	9.70

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	5,5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 91.9 % Partial Load (75%) 91.9 % Partial Load (50%) 91.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.3 % Partial Load (75%) 91.9 % Partial Load (50%) 90.5 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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	479 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	75 kg
Gross Weight	80 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

