PRODUCT-DETAILS

3GBA131110-ADC

IE2 High Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA131110-ADC)



General Information

Product ID	3GBA131110-ADC
ABB Type Designation	M2BAX 132SA 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA131110-ADC)

Ordering

ABB Type Designation	M2BAX 132SA 2
Invoice Description	M2BAX 132SA 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA2__M2BAX_CI
Country or Territory of Origin	China
Customs Tariff Number	85015220
Stocked At (Warehouses)	Shanghai, China
Medium Description	5.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA131110-ADC)
Short Description	5.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

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Electrical

Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	2921 r/min	6.26 A	0.850	87.00 %	18.02 N·m	8.30
D	--	50 Hz	400 V	5.50 kW	2921 r/min	10.80 A	0.850	87.00 %	18.02 N·m	8.30
Y	--	50 Hz	660 V	5.50 kW	2908 r/min	6.40 A	0.870	87.00 %	18.00 N·m	7.60
D	--	50 Hz	380 V	5.50 kW	2908 r/min	11.10 A	0.870	87.00 %	18.00 N·m	7.60
D	--	60 Hz	440 V	5.50 kW	3518 r/min	9.44 A	0.900	86.00 %	14.88 N·m	9.00
D	--	60 Hz	460 V	5.50 kW	3526 r/min	9.64 A	0.830	86.00 %	14.85 N·m	9.30

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 IE2 Full Load (100%) 87.0 % Partial Load (75%) 85.9 % Partial Load (50%) 83.6 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.0 % Partial Load (75%) 84.1 % Partial Load (50%) 80.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

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Product Net Depth / Length	426 mm
Product Net Height	302 mm
Product Net Width	270 mm
Product Net Weight	56 kg
Gross Weight	61 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland

External Classifications and Standards

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors





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