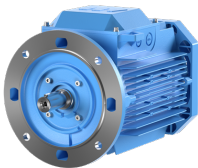


PRODUCT-DETAILS

3GAA131120-ESK

IE3 Premium Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA131120-ESK)



General Information	
Product ID	3GAA131120-ESK
ABB Type Designation	M3AA 132SB 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA131120-ESK)

Ordering	
ABB Type Designation	M3AA 132SB 2
Invoice Description	M3AA 132SB 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA3__M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Medium Description	5.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131120-ESK)
Short Description	5.5kW, 2P, 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	400 V	5.50 kW	2901 r/min	9.70 A	0.910	89.20 %	18.10 N·m	7.90
D	--	50 Hz	230 V	5.50 kW	2901 r/min	16.80 A	0.910	89.20 %	18.10 N·m	7.90
Y	--	50 Hz	380 V	5.50 kW	2886 r/min	10.30 A	0.920	89.20 %	18.06 N·m	7.10
D	--	50 Hz	220 V	5.50 kW	2886 r/min	17.80 A	0.920	89.20 %	18.06 N·m	7.10
Y	--	50 Hz	415 V	5.50 kW	2911 r/min	9.40 A	0.910	89.20 %	18.10 N·m	8.50
Y	--	60 Hz	460 V	5.50 kW	3519 r/min	8.40 A	0.900	89.50 %	14.90 N·m	9.10

Connection Configuration	Y
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 IE3 Full Load (100%) 89.2 % Partial Load (75%) 89.7 % Partial Load (50%) 89.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.4 % Partial Load (50%) 88.7 %
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	S

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	487 mm

Length	
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	58 kg
Gross Weight	63 kg

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications	
UNSPSC	26101100

Categories
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

