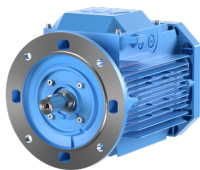


PRODUCT-DETAILS

# 3GAA131120-BEE

## IE2 High Efficiency Aluminum Motors, 5.5 kW, 500 V (3GAA131120-BEE)



General Information	
Product ID	3GAA131120-BEE
ABB Type Designation	M3AA 132SB 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 5.5 kW, 500 V (3GAA131120-BEE)

Ordering	
ABB Type Designation	M3AA 132SB 2
Invoice Description	M3AA 132SB 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA2__M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA131312-BEE
Stocked At	Shanghai, China

(Warehouses)

Medium Description	5.5kW, 2 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131120-BEE)
Short Description	5.5kW, 2P, Frame Size 132, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	5.50 kW	2915 r/min	8.80 A	0.820	88.00 %	18.00 N·m	7.90
D	--	60 Hz	575 V	5.50 kW	3524 r/min	7.20 A	0.860	88.10 %	14.90 N·m	8.50
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										500 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%) 88.0 % Partial Load (75%) 88.1 % Partial Load (50%) 86.8 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 88.1 % Partial Load (75%) 87.5 % Partial Load (50%) 85.0 %
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										E

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 / Length	447 mm
Product Net Height	296 mm

Product Net Width	262 mm
Product Net Weight	52 kg
Gross Weight	57 kg

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

<b>Classifications</b>	
UNSPSC	26101100

<b>Categories</b>	
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors	

