

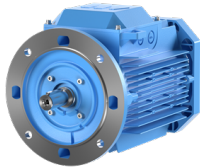



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 PRODUCT-DETAILS

## 3GAA134110-EEK

### IE3 Premium Efficiency Aluminum Motors, 2.2 kW, 500 V (3GAA134110-EEK)




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**General Information**

Product ID	3GAA134110-EEK
ABB Type Designation	M3AA 132SA 8
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 2.2 kW, 500 V (3GAA134110-EEK)

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**Ordering**

ABB Type Designation	M3AA 132SA 8
Invoice Description	M3AA 132SA 8
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	2.2kW, 8 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA134110-EEK)
Short Description	2.2kW, 8P, 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	2.20 kW	725 r/min	4.64 A	0.640	81.90 %	28.90 N·m	5.20
D	--	60 Hz	575 V	2.20 kW	879 r/min	4.16 A	0.600	85.50 %	23.90 N·m	5.70

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	500 V
Frequency (f)	50 Hz
Output Power	2.2 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 81.9 % Partial Load (75%) 82.3 % Partial Load (50%) 80.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 85.5 % Partial Load (75%) 84.9 % Partial Load (50%) 82.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
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	487 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	51 kg
Gross Weight	56 kg

## Environmental

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

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## Classifications

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UNSPSC

26101100

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## Categories

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

