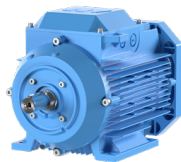




## PRODUCT-DETAILS

**3GAA132310-ADE**

IE2 High Efficiency Aluminum Motors, 7.5 kW,  
400 V (3GAA132310-ADE)

**General Information**

Product ID	3GAA132310-ADE
ABB Type Designation	M3AA 132MA 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132310-ADE)

**Ordering**

ABB Type Designation	M3AA 132MA 4
Invoice Description	M3AA 132MA 4
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	China (CN) Finland (FI)
Customs Tariff Number	85015220
Replaced Product ID	3GAA132444-ADE

(OLD)	3GAA132314-ADE
Stocked At (Warehouses)	Menden, Germany Shanghai, China Vittuone, Italy
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA132310-ADE)
Short Description	7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	1460 r/min	8.57 A	0.790	88.70 %	49.00 N·m	6.40
D	--	50 Hz	400 V	7.50 kW	1460 r/min	14.70 A	0.790	88.70 %	49.00 N·m	6.40
D	--	60 Hz	460 V	7.50 kW	1764 r/min	12.80 A	0.810	89.50 %	40.60 N·m	7.50

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	7.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 88.7 % Partial Load (75%) 89.5 % Partial Load (50%) 89.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.3 %
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	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

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**Dimensions**

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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	59 kg
Gross Weight	64 kg

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**Environmental**

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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 → IE2 High Efficiency Aluminum Motors

