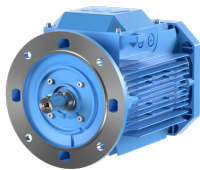


PRODUCT-DETAILS

# 3GAA132330-ESK843

## IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132330-ESK843)



General Information

Product ID	3GAA132330-ESK843
ABB Type Designation	M3AA 132MC 4
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132330-ESK843)

Ordering

ABB Type Designation	M3AA 132MC 4
Invoice Description	M3AA 132MC 4
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	Poland (PL)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA132330-ESK843)
Short Description	7.5kW, 4P., 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	7.50 kW	1464 r/min	14.70 A	0.810	90.40 %	48.90 N·m	7.70
D	--	50 Hz	230 V	7.50 kW	1464 r/min	25.50 A	0.810	90.40 %	48.90 N·m	7.70
Y	--	50 Hz	380 V	7.50 kW	1456 r/min	15.30 A	0.830	90.40 %	49.10 N·m	7.10
D	--	50 Hz	220 V	7.50 kW	1456 r/min	26.50 A	0.830	90.40 %	49.10 N·m	7.10
Y	--	50 Hz	415 V	7.50 kW	1465 r/min	14.40 A	0.790	90.40 %	48.80 N·m	8.20

Connection Configuration	Y
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 IE3 Full Load (100%) 90.4 % Partial Load (75%) 90.5 % Partial Load (50%) 90.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.6 % Partial Load (50%) 90.8 %
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	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 / Length	487 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	68 kg
Gross Weight	73 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

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UNSPSC	26101100
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Categories

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

