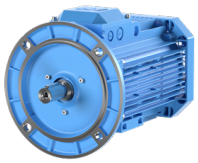
PRODUCT-DETAILS

3GAA072312-BSE843

IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA072312-BSE843)



General Information

Product ID	3GAA072312-BSE843
ABB Type Designation	M3AA 71B 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA072312-BSE843)

Ordering

ABB Type Designation	M3AA 71B 4
Invoice Description	M3AA 71B 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	Romania (RO)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Menden, Germany

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Medium Description	0.37kW, 4P, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA072312-BSE843)
Short Description	0.37kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	1411 r/min	0.96 A	0.740	72.70 %	2.50 N·m	5.20
D	--	50 Hz	230 V	0.37 kW	1411 r/min	1.65 A	0.740	72.70 %	2.50 N·m	5.20

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U_{in})	400 V
Frequency (f)	50 Hz
Output Power	0.37 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 72.7 % Partial Load (75%) 73.3 % Partial Load (50%) 69.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 72.0 % Partial Load (75%) 71.2 % Partial Load (50%) 66.2 %
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	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	239.5 mm
Product Net Height	180 mm

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Product Net Width	136 mm
Product Net Weight	5.9 kg
Gross Weight	8.9 kg

Environmental

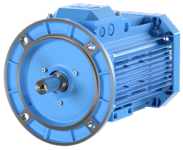
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

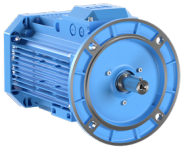
External Classifications and Standards

UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors





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