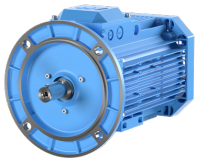
PRODUCT-DETAILS

3GAA072312-BSE

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



General Information

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

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	China (CN)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Shanghai, China Vittuone, Italy

Electrical

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Electrical Data

Conn	Temp Class	Freq	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
Y	--	60 Hz	460 V	0.37 kW	1725 r/min	0.86 A	0.700	72.00 %	2.04 N·m	6.10

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
Lubrication	For life
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
Product Net Width	136 mm
Product Net Weight	5.9 kg
Gross Weight	8.9 kg

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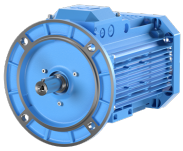
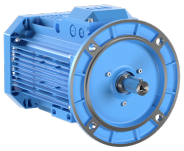
Classifications

Standards	IEC 60034-1
UNSPSC	26101100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Categories

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





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