PRODUCT-DETAILS

3GAA071311-ASE

IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA071311-ASE)



General Information

Product ID	3GAA071311-ASE
ABB Type Designation	M3AA 71A 2
EAN	6410086202788
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA071311-ASE)

Ordering

ABB Type Designation	M3AA 71A 2
Invoice Description	M3AA 71A 2
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) Romania (RO)
Customs Tariff Number	85015100

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Subject to change without notice

Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Shanghai, China Vittuone, Italy
Medium Description	0.37kW, 2 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA071311-ASE)
Short Description	0.37kW, 2P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

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	2785 r/min	0.91 A	0.790	69.50 %	1.26 N·m	4.60
D	--	50 Hz	230 V	0.37 kW	2785 r/min	1.57 A	0.790	69.50 %	1.26 N·m	4.60
Y	--	60 Hz	460 V	0.37 kW	3425 r/min	0.80 A	0.750	72.00 %	1.03 N·m	5.80

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%) 69.5 % Partial Load (75%) 70.8 % Partial Load (50%) 67.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 72.0 % Partial Load (75%) 71.4 % Partial Load (50%) 66.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
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	IMB3 IM1001
Terminator Box Location	Top

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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	4.9 kg
Gross Weight	7.9 kg

Environmental

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

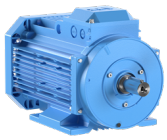
External Classifications and Standards

Standards	IEC 60034-1
UNSPSC	26101100
EAN	6410086202788

Categories

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





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