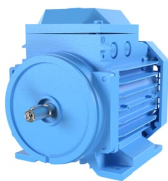




PRODUCT-DETAILS

3GAA051311-ASF

IE2 High Efficiency Aluminum Motors, 0.09 kW, 400 V (3GAA051311-ASF)



General Information	
Product ID	3GAA051311-ASF
ABB Type Designation	M3AA 56A 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.09 kW, 400 V (3GAA051311-ASF)

Ordering	
ABB Type Designation	M3AA 56A 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)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA051001-ASE 3GAA051001-ASA
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Medium Description	0.09kW, 2 Poles, Frame Size 56, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GAA051311-ASF)	
Short Description	0.09kW, 2P, Frame Size 56, 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	400 V	0.09 kW	2800 r/min	0.35 A	0.670	55.60 %	0.29 N·m	3.50
D	--	50 Hz	230 V	0.09 kW	2800 r/min	0.60 A	0.670	55.60 %	0.29 N·m	3.50
Y	--	60 Hz	460 V	0.09 kW	3430 r/min	0.33 A	0.600	56.80 %	0.23 N·m	3.90
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										0.09 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 55.6 % Partial Load (75%) 50.8 % Partial Load (50%) 38.7 %
IE Class Data (60 Hz)										IE Class NA Full Load (100%) 56.8 % Partial Load (75%) 50.6 % Partial Load (50%) 40.5 %
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	56
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	183 mm
Product Net Height	143 mm

Product Net Width	110 mm
Product Net Weight	2.8 kg
Gross Weight	3.8 kg

Environmental

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

UNSPSC	26101100
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Categories

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

