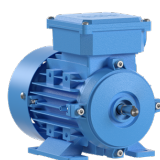


PRODUCT-DETAILS

3GAA051001-BSE

(3GAA051001-BSE)

"No longer for sale" replaced by 3GAA051311-



General Information

Product ID	3GAA051001-BSE
ABB Type Designation	M2AA 56 A 2
Catalog Description	(3GAA051001-BSE)

Ordering

ABB Type Designation	M2AA 56 A 2
Invoice Description	M2AA 56 A 2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_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	85015100
Replaced Product ID (OLD)	3GAA051001-BSA

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
Temperature Class Default										--
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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	2.6 kg
Gross Weight	3.6 kg

Environmental

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

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

