

## PRODUCT-DETAILS

# 3GAA051002-CSE

## (3GAA051002-CSE)

"No longer for sale" replaced by 3GAA051312-



### General Information

Product ID	3GAA051002-CSE
ABB Type Designation	M2AA 56 B 2
Catalog Description	(3GAA051002-CSE)

### Ordering

ABB Type Designation	M2AA 56 B 2
Invoice Description	M2AA 56 B 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) China (CN)
Customs Tariff Number	85015100

### Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.12 kW	2830 r/min	0.41 A	0.680	53.60 %	0.40 N·m	4.30
D	--	50 Hz	230 V	0.12 kW	2830 r/min	0.71 A	0.680	53.60 %	0.40 N·m	4.30
Y	--	60 Hz	460 V	0.12 kW	3460 r/min	0.38 A	0.630	59.50 %	0.33 N·m	4.80
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 53.6 % Partial Load (75%) 49.3 % Partial Load (50%) 37.2 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 59.5 % Partial Load (75%) 54.0 % Partial Load (50%) 44.0 %
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	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	3 kg
Gross Weight	4 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

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## Categories

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

