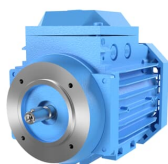


PRODUCT-DETAILS

## 3GAA051312-CSF

IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA051312-CSF)



### General Information

Product ID	3GAA051312-CSF
ABB Type Designation	M3AA 56B 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA051312-CSF)

### Additional Information

ABB Type Designation	M3AA 56B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Connection Configuration	Y
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Direction of Rotation	Both sides
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

Frame Material	Aluminum
Frame Size	56
Frequency (f)	50 Hz
Gross Weight	3.9 kg
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 %
IM Class	IMB14 IM3601
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 56B 2
IP Class	IP55
Made To Order	No
Medium Description	0.12kW, 2 Poles, Frame Size 56, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA051312-CSF)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	0.12 kW
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA051312-BSF
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	183 mm
Product Net Height	143 mm
Product Net Weight	2.9 kg
Product Net Width	110 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA051002-CSA 3GAA051002-CSE
Selling Unit of Measure	piece
Short Description	0.12kW, 2P, Frame Size 56, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S

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## Categories

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

