

PRODUCT-DETAILS

3GAA061142-CSF

IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA061142-CSF)



General Information

Product ID	3GAA061142-CSF
ABB Type Designation	M3AA 63B 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA061142-CSF)

Ordering

ABB Type Designation	M3AA 63B 2
Invoice Description	M3AA 63 B 2 +070 shaft acc. to FS71 D=14mm E=30mm
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)	3GVA061142-CSC
Medium Description	0.25kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA061142-CSF)
Short Description	0.25kW, 2P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.25 kW	2790 r/min	0.66 A	0.760	64.80 %	0.86 N·m	4.80
D	--	50 Hz	230 V	0.25 kW	2790 r/min	1.14 A	0.760	64.80 %	0.86 N·m	4.80
Y	--	60 Hz	460 V	0.25 kW	3420 r/min	0.59 A	0.710	68.00 %	0.69 N·m	5.70

Connection Configuration	Y
Temperature Class	--
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.25 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 64.8 % Partial Load (75%) 63.2 % Partial Load (50%) 56.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 65.4 % Partial Load (50%) 57.8 %
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	63
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 Depth / Length	208 mm
Product Net Height	154 mm
Product Net Width	124 mm
Product Net Weight	4.1 kg
Gross Weight	5.1 kg

Classifications

UNSPSC	26101100
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Categories

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

