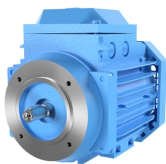




PRODUCT-DETAILS

3GAA062142-CSF

IE2 High Efficiency Aluminum Motors, 0.18 kW, 400 V (3GAA062142-CSF)



General Information	
Product ID	3GAA062142-CSF
ABB Type Designation	M3AA 63B 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.18 kW, 400 V (3GAA062142-CSF)

Ordering	
ABB Type Designation	M3AA 63B 4
Invoice Description	M3AA 63 B 4 +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)	3GVA062142-CSC 3GVA062141-CSC 3GAA062142-CSE
Stocked At (Warehouses)	Menden, Germany

Medium Description	0.18kW, 4 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA062142-CSF)
Short Description	0.18kW, 4P, 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	0.18 kW	1380 r/min	0.58 A	0.680	64.70 %	1.25 N·m	3.60
D	--	50 Hz	230 V	0.18 kW	1380 r/min	1.00 A	0.680	65.90 %	1.25 N·m	3.60
Y	--	60 Hz	460 V	0.18 kW	1700 r/min	0.53 A	0.620	68.00 %	1.00 N·m	3.50

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.18 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 64.7 % Partial Load (75%) 62.8 % Partial Load (50%) 55.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 65.4 % Partial Load (50%) 57.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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	4.4 kg
Gross Weight	5.4 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

