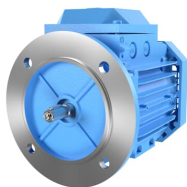




PRODUCT-DETAILS

3GAA061312-BDF

IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA061312-BDF)



General Information	
Product ID	3GAA061312-BDF
ABB Type Designation	M3AA 63B 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA061312-BDF)

Ordering	
ABB Type Designation	M3AA 63B 2
Invoice Description	M3AA 63B 2
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)	3GAA061002-BDE
Stocked At (Warehouses)	Menden, Germany
Medium Description	0.25kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB5/IM3001 Mounting (3GAA061312-BDF)	
Short Description	0.25kW, 2P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.25 kW	2790 r/min	0.38 A	0.760	64.80 %	0.86 N·m	4.80
D	--	50 Hz	400 V	0.25 kW	2790 r/min	0.66 A	0.760	64.80 %	0.86 N·m	4.80
D	--	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										D
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										D

Mechanical

Frame Material	Aluminum
Frame Size	63
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 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

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

