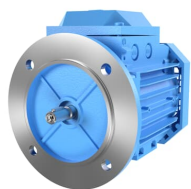


PRODUCT-DETAILS

## 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)

### Additional Information

ABB Type Designation	M3AA 63B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
Connection Configuration	D
Country of Origin	Romania (RO) China (CN)
Customs Tariff Number	85015100
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

Frame Material	Aluminum
Frame Size	63
Frequency (f)	50 Hz
Gross Weight	5.1 kg
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 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 63B 2
IP Class	IP55
Made To Order	No
Medium Description	0.25kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA061312-BDF)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	0.25 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	208 mm
Product Net Height	154 mm
Product Net Weight	4.1 kg
Product Net Width	124 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA061002-BDE
Selling Unit of Measure	piece
Short Description	0.25kW, 2P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D

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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

