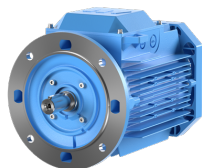


PRODUCT-DETAILS

3GAA111320-BDE

IE2 High Efficiency Aluminum Motors, 4 kW,
400 V (3GAA111320-BDE)



General Information

Product ID	3GAA111320-BDE
ABB Type Designation	M3AA 112MB 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 4 kW, 400 V (3GAA111320-BDE)

Additional Information

ABB Type Designation	M3AA 112MB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Romania (RO) Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	2885 r/min	4.30 A	0.880	86.10 %	13.20 N-m	7.60
D	--	50 Hz	400 V	4.00 kW	2885 r/min	7.60 A	0.880	86.10 %	13.20 N-m	7.60
D	--	60 Hz	460 V	4.00 kW	3490 r/min	6.20 A	0.910	87.60 %	10.90 N-m	8.10

Frame Material	Aluminum
Frame Size	112
Frequency (f)	50 Hz
Gross Weight	35 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.1 % Partial Load (75%) 87.0 % Partial Load (50%) 88.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.6 % Partial Load (75%) 88.4 % Partial Load (50%) 87.8 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 112MB 2
IP Class	IP55
Made To Order	No
Medium Description	4kW, 2 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA111320-BDE)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	4 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	393 mm
Product Net Height	249 mm
Product Net Weight	30 kg
Product Net Width	230 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA111442-BDE 3GAA111312-BDE
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	4kW, 2P, Frame Size 112, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Shanghai, China Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

