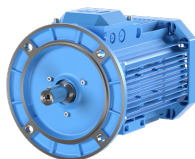


PRODUCT-DETAILS

3GAA102540-BDE

IE2 High Efficiency Aluminum Motors, 3 kW, 400 V (3GAA102540-BDE)



General Information

Product ID	3GAA102540-BDE
ABB Type Designation	M3AA 100LD 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 3 kW, 400 V (3GAA102540-BDE)

Additional Information

ABB Type Designation	M3AA 100LD 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	3.00 kW	1445 r/min	3.70 A	0.790	85.70 %	19.80 N·m	7.00
D	--	50 Hz	400 V	3.00 kW	1445 r/min	6.30 A	0.790	85.70 %	19.80 N·m	7.00
D	--	60 Hz	460 V	3.00 kW	1750 r/min	5.30 A	0.800	88.20 %	16.30 N·m	8.20

Frame Material	Aluminum
Frame Size	100
Frequency (f)	50 Hz
Gross Weight	33 kg

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 85.7 % Partial Load (75%) 86.1 % Partial Load (50%) 85.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 88.2 % Partial Load (75%) 87.5 % Partial Load (50%) 85.6 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 100LD 4
IP Class	IP55
Made To Order	No
Medium Description	3kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA102540-BDE)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	3 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	373 mm
Product Net Height	237 mm
Product Net Weight	28 kg
Product Net Width	200 mm
Product Type	3AA2 M3AA IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA102444-BDE
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	3kW, 4P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
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

