

PRODUCT-DETAILS

# 3GAA101540-ADK

IE3 Premium Efficiency Aluminum Motor, 4 kW, 400 V (3GAA101540-ADK)



## General Information

Product ID	3GAA101540-ADK
ABB Type Designation	M3AA 100LD 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 4 kW, 400 V (3GAA101540-ADK)

## Additional Information

ABB Type Designation	M3AA 100LD 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) 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	2910 r/min	4.11 A	0.910	88.10 %	13.08 N-m	8.60
D	--	50 Hz	400 V	4.00 kW	2910 r/min	7.12 A	0.910	88.10 %	13.08 N-m	8.60
Y	--	50 Hz	660 V	4.00 kW	2901 r/min	4.29 A	0.920	88.60 %	13.14 N-m	12.60
D	--	50 Hz	380 V	4.00 kW	2900 r/min	7.46 A	0.920	88.60 %	13.14 N-m	9.70
D	--	50 Hz	415 V	4.00 kW	2915 r/min	6.93 A	0.900	88.10 %	13.05 N-m	9.20
D	--	60 Hz	460 V	4.00 kW	3523 r/min	6.20 A	0.910	88.50 %	10.81 N-m	10.90

Frame Material	Aluminum
Frame Size	100
Frequency (f)	50 Hz
Gross Weight	45 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.1 % Partial Load (75%) 88.7 % Partial Load (50%) 88.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 88.5 % Partial Load (75%) 89.4 % Partial Load (50%) 88.5 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 100LD 2
IP Class	IP55
Made To Order	No
Medium Description	4kW, 2 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA101540-ADK)
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	432 mm
Product Net Height	237 mm
Product Net Weight	40 kg
Product Net Width	200 mm
Product Type	3AA3_M3AA_IE3_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	4kW, 2P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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 → IE3 Premium Efficiency Aluminum Motors

