

PRODUCT-DETAILS

# 3GAA108501-BHF

## (3GAA108501-BHF)



### General Information

Product ID	3GAA108501-BHF
ABB Type Designation	M3AA 100L 2/4
Catalog Description	(3GAA108501-BHF)

### Ordering

ABB Type Designation	M3AA 100L 2/4
Invoice Description	M3AA 100L 2/4
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	Finland (FI) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA108201-BHE

Electrical

Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	415 V	2.50 kW	2910 r/min	5.10 A	0.850	80.40 %	8.20 N·m	6.90	
Y	--	50 Hz	415 V	0.40 kW	1472 r/min	1.50 A	0.640	58.60 %	2.60 N·m	4.10	
Temperature Class Default											--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class NA Full Load (100%) 58.6 % Partial Load (75%) 55.0 % Partial Load (50%) 44.6 %
IP Class											IP55
Insulation Class											ICLF
Direction of Rotation											Both sides
Number of Poles (High)											2
Two Speed Motor											Yes
Type of Duty											S1
Voltage Code											H

Mechanical	
Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Weight	21 kg
Gross Weight	26 kg

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications	
UNSPSC	26101100

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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

