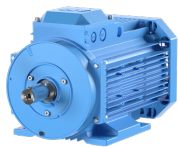


PRODUCT-DETAILS

# 3GAA108512-BHF

## (3GAA108512-BHF)



General Information	
Product ID	3GAA108512-BHF
ABB Type Designation	M3AA 100LA 4/8
Catalog Description	(3GAA108512-BHF)

Ordering	
ABB Type Designation	M3AA 100LA 4/8
Invoice Description	M3AA 100LA 4/8
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)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA108206-BHE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.85 kW	1438 r/min	4.00 A	0.820	78.20 %	12.30 N·m	5.10
Y	--	50 Hz	400 V	0.25 kW	722 r/min	1.40 A	0.570	43.80 %	3.30 N·m	2.50
Temperature Class										
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA
										Full Load (100%) 43.8 %
										Partial Load (75%) 37.6 %
										Partial Load (50%) 30.5 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
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	20 kg
Gross Weight	25 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

