

PRODUCT-DETAILS

3GAA108508-BHF
(3GAA108508-BHF)



General Information	
Product ID	3GAA108508-BHF
ABB Type Designation	M3AA 100L 2-4
Catalog Description	(3GAA108508-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)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA108101-BHE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	415 V	3.00 kW	2887 r/min	6.40 A	0.820	80.10 %	9.90 N·m	6.20
Y	--	50 Hz	415 V	0.60 kW	1472 r/min	2.00 A	0.560	73.20 %	4.10 N·m	4.70

Temperature Class	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 73.2 % Partial Load (75%) 66.5 % Partial Load (50%) 60.3 %
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

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

