

PRODUCT-DETAILS

3GAA101520-AHE

(3GAA101520-AHE)



General Information

Product ID	3GAA101520-AHE
ABB Type Designation	M3AA 100LB 2
Catalog Description	(3GAA101520-AHE)

Ordering

ABB Type Designation	M3AA 100LB 2
Invoice Description	M3AA 100LB 2
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)	3GAA101442-AHE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	IS/IN
D	--	50 Hz	415 V	3.00 kW	2915 r/min	5.50 A	0.870	85.70 %	9.00
Temperature Class Default									--
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IE Class Data (50 Hz)									IE Class IE2 Full Load (100%) 85.7 % Partial Load (75%) 85.7 % Partial Load (50%) 83.8 %
IP Class									IP55
Insulation Class									ICLF
Number of Poles (High)									2
Two Speed Motor									No
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	IMB3 IM1001

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	25 kg
Gross Weight	30 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

