

PRODUCT-DETAILS

# 3GAA209414-BDG

## (3GAA209414-BDG)



General Information	
Product ID	3GAA209414-BDG
ABB Type Designation	M3AA 200MLA 4/6
Catalog Description	(3GAA209414-BDG)

Ordering	
ABB Type Designation	M3AA 200MLA 4/6
Invoice Description	M3AA 200MLA 4/6
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	85015230
Replaced Product ID (OLD)	3GAA208234-BDG

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	18.00 kW	1483 r/min	31.70 A	0.920	89.00 %	116.00 N·m	7.50	
D	--	50 Hz	400 V	12.00 kW	988 r/min	23.50 A	0.850	86.50 %	116.00 N·m	7.00	
Temperature Class Default											--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class NA Full Load (100%) 86.5 % Partial Load (75%) 88.9 % Partial Load (50%) 89.4 %
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											D
Mechanical											
Frame Material											Aluminum
Frame Size											200
Bearing											6312-2Z/C3
Bearing NDE											6210-2Z/C3
IM Class											IMB5 IM3001
Terminator Box Location											D-End top
Dimensions											
Package Level 1 Units											0 pallet (lift)
Product Net Weight											218 kg
Gross Weight											228 kg
Environmental											
WEEE Category						4. Large Equipment (Any 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

