

PRODUCT-DETAILS

3GAA209421-ADG  
(3GAA209421-ADG)



General Information	
Product ID	3GAA209421-ADG
ABB Type Designation	M3AA 200MLB 2/4
Catalog Description	(3GAA209421-ADG)

Ordering	
ABB Type Designation	M3AA 200MLB 2/4
Invoice Description	M3AA 200MLB 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	85015230

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	30.00 kW	2965 r/min	52.70 A	0.910	90.20 %	97.00 N·m	8.20
Y	--	50 Hz	400 V	16.00 kW	1479 r/min	30.20 A	0.860	88.90 %	103.00 N·m	7.40

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 88.9 % Partial Load (75%) 90.8 % Partial Load (50%) 91.1 %
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	D

Mechanical

Frame Material	Aluminum
Frame Size	200
Bearing	6312-2Z/C3
Bearing NDE	6210-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	235 kg
Gross Weight	245 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

