

PRODUCT-DETAILS

# 3GAA201420-ADG

## (3GAA201420-ADG)



General Information	
Product ID	3GAA201420-ADG
ABB Type Designation	M3AA 200MLB 2
Catalog Description	(3GAA201420-ADG)

Ordering	
ABB Type Designation	M3AA 200MLB 2
Invoice Description	M3AA 200MLB 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) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA201036-ADG
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	37.00 kW	2959 r/min	36.80 A	0.900	93.40 %	119.00 N·m	8.20
D	--	50 Hz	400 V	37.00 kW	2959 r/min	63.50 A	0.900	93.40 %	119.00 N·m	8.20
D	--	50 Hz	415 V	37.00 kW	2962 r/min	61.50 A	0.900	93.50 %	119.00 N·m	8.70
D	--	60 Hz	440 V	37.00 kW	3560 r/min	57.80 A	0.900	93.20 %	99.20 N·m	8.50
D	--	60 Hz	460 V	37.00 kW	3564 r/min	55.80 A	0.890	93.40 %	99.10 N·m	9.20
Temperature Class Default										
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Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 93.4 % Partial Load (75%) 93.7 % Partial Load (50%) 92.9 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 93.2 % Partial Load (75%) 93.1 % Partial Load (50%) 91.8 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
Two Speed Motor										No
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	225 kg
Gross Weight	235 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Classifications

UNSPSC

26101100

Categories

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

