

PRODUCT-DETAILS

3GAA203420-ADG

(3GAA203420-ADG)



General Information	
Product ID	3GAA203420-ADG
ABB Type Designation	M3AA 200MLB 6
Catalog Description	(3GAA203420-ADG)

Ordering	
ABB Type Designation	M3AA 200MLB 6
Invoice Description	M3AA 200MLB 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) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA203032-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	22.00 kW	987 r/min	24.40 A	0.820	92.00 %	212.00 N·m	6.60
D	--	50 Hz	400 V	22.00 kW	987 r/min	42.00 A	0.820	92.00 %	212.00 N·m	6.60
D	--	50 Hz	415 V	22.00 kW	988 r/min	41.40 A	0.800	92.20 %	212.00 N·m	7.00
D	--	60 Hz	440 V	22.00 kW	1187 r/min	37.50 A	0.830	92.50 %	176.00 N·m	6.90
D	--	60 Hz	460 V	22.00 kW	1189 r/min	36.70 A	0.810	92.70 %	176.00 N·m	7.50
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%) 92.0 % Partial Load (75%) 92.9 % Partial Load (50%) 92.8 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 92.5 % Partial Load (75%) 93.1 % Partial Load (50%) 92.4 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
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	218 kg
Gross Weight	228 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

