

PRODUCT-DETAILS

3GAA202420-ADG
(3GAA202420-ADG)



General Information	
Product ID	3GAA202420-ADG
ABB Type Designation	M3AA 200MLB 4
Catalog Description	(3GAA202420-ADG)

Ordering	
ABB Type Designation	M3AA 200MLB 4
Invoice Description	M3AA 200MLB 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) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA202032-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	1479 r/min	39.00 A	0.850	93.40 %	238.00 N·m	7.10
D	--	50 Hz	400 V	37.00 kW	1479 r/min	67.20 A	0.850	93.40 %	238.00 N·m	7.10
D	--	50 Hz	415 V	37.00 kW	1481 r/min	65.40 A	0.840	93.60 %	238.00 N·m	7.60
D	--	60 Hz	440 V	37.00 kW	1780 r/min	60.10 A	0.860	93.90 %	198.00 N·m	7.40
D	--	60 Hz	460 V	37.00 kW	1783 r/min	58.60 A	0.840	94.20 %	198.00 N·m	8.50
Temperature Class Default										
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%) 94.4 % Partial Load (50%) 94.4 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 93.9 % Partial Load (75%) 94.5 % Partial Load (50%) 94.2 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
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	234 kg
Gross Weight	244 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

