



PRODUCT-DETAILS

3GAA204410-BDG
(3GAA204410-BDG)



General Information

Product ID	3GAA204410-BDG
ABB Type Designation	M3AA 200MLA 8
Catalog Description	(3GAA204410-BDG)

Ordering

ABB Type Designation	M3AA 200MLA 8
Invoice Description	M3AA 200MLA 8
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)	3GAA204031-BDG 3GAA204061-BDA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	15.00 kW	737 r/min	19.20 A	0.740	89.50 %	194.00 N·m	5.30
D	--	50 Hz	400 V	15.00 kW	737 r/min	32.40 A	0.740	89.50 %	194.00 N·m	5.30
D	--	50 Hz	415 V	15.00 kW	738 r/min	32.00 A	0.710	89.50 %	194.00 N·m	5.50
D	--	60 Hz	440 V	15.00 kW	888 r/min	29.10 A	0.740	90.10 %	161.00 N·m	5.50
D	--	60 Hz	460 V	15.00 kW	890 r/min	28.50 A	0.710	90.10 %	160.00 N·m	5.90
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 90.5 % Partial Load (50%) 89.5 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 90.1 % Partial Load (75%) 90.5 % Partial Load (50%) 89.4 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										8
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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	217 kg
Gross Weight	227 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

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

