

PRODUCT-DETAILS

# 3GAA208422-BDG

## (3GAA208422-BDG)



General Information	
Product ID	3GAA208422-BDG
ABB Type Designation	M3AA 200MLB 4/8
Catalog Description	(3GAA208422-BDG)

Ordering	
ABB Type Designation	M3AA 200MLB 4/8
Invoice Description	M3AA 200MLB 4/8
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)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA208247-BDG

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	1482 r/min	55.60 A	0.850	91.50 %	193.00 N·m	7.30
D	--	50 Hz	400 V	4.00 kW	742 r/min	13.00 A	0.570	77.90 %	52.00 N·m	4.90
Temperature Class										
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA
										Full Load (100%) 77.9 %
										Partial Load (75%) 77.0 %
										Partial Load (50%) 72.9 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
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	IMB5 IM3001
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)
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

