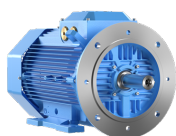


PRODUCT-DETAILS

# 3GAA168412-BDG

## (3GAA168412-BDG)



### General Information

Product ID	3GAA168412-BDG
ABB Type Designation	M3AA 160MLA 4/8
Catalog Description	(3GAA168412-BDG)

### Ordering

ABB Type Designation	M3AA 160MLA 4/8
Invoice Description	M3AA 160MLA 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	85015220
Replaced Product ID (OLD)	3GAA168226-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	9.00 kW	1476 r/min	18.30 A	0.800	88.30 %	58.00 N-m	6.70
Y	--	50 Hz	400 V	1.30 kW	739 r/min	5.10 A	0.510	71.00 %	17.00 N-m	4.40
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 71.0 % Partial Load (75%) 68.2 % Partial Load (50%) 61.5 %
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	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	99 kg
Gross Weight	109 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

