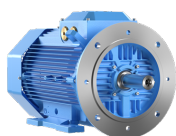


PRODUCT-DETAILS

3GAA168419-BDG

(3GAA168419-BDG)



General Information

Product ID	3GAA168419-BDG
ABB Type Designation	M3AA 160MLA 4-8
Catalog Description	(3GAA168419-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)	3GAA168124-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	10.50 kW	1474 r/min	20.60 A	0.830	88.60 %	68.00 N·m	6.90
Y	--	50 Hz	400 V	2.20 kW	736 r/min	7.50 A	0.520	80.40 %	29.00 N·m	4.70
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 80.4 % Partial Load (75%) 79.4 % Partial Load (50%) 75.3 %
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

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

