



PRODUCT-DETAILS

3GAA168438-ADG

(3GAA168438-ADG)



General Information	
Product ID	3GAA168438-ADG
ABB Type Designation	M3AA 160MLC 2-4
Catalog Description	(3GAA168438-ADG)

Ordering	
ABB Type Designation	M3AA 160MLC 2-4
Invoice Description	M3AA 160MLC 2-4
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)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA168123-ADG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	19.50 kW	2939 r/min	33.50 A	0.930	90.20 %	63.00 N·m	8.40
Y	--	50 Hz	400 V	4.50 kW	1469 r/min	9.30 A	0.780	88.90 %	29.00 N·m	5.90
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 88.9 % Partial Load (75%) 89.9 % Partial Load (50%) 89.3 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	123 kg
Gross Weight	133 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

