

PRODUCT-DETAILS

3GAA169414-BDG

(3GAA169414-BDG)



General Information	
Product ID	3GAA169414-BDG
ABB Type Designation	M3AA 160MLA 4/6
Catalog Description	(3GAA169414-BDG)

Ordering	
ABB Type Designation	M3AA 160MLA 4/6
Invoice Description	M3AA 160MLA 4/6
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)	3GAA168231-BDG

Electrical

Electrical Data

	Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
	Y	--	50 Hz	400 V	7.50 kW	1484 r/min	16.10 A	0.770	87.00 %	48.00 N·m	7.40
	Y	--	50 Hz	400 V	5.50 kW	982 r/min	13.80 A	0.680	84.40 %	53.00 N·m	5.60
Temperature Class	Default										--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class NA Full Load (100%) 84.4 % Partial Load (75%) 85.2 % Partial Load (50%) 83.7 %
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

