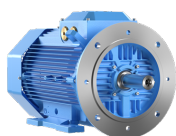


PRODUCT-DETAILS

# 3GAA169428-BDG

## (3GAA169428-BDG)



### General Information

Product ID	3GAA169428-BDG
ABB Type Designation	M3AA 160MLB 2-4
Catalog Description	(3GAA169428-BDG)

### Ordering

ABB Type Designation	M3AA 160MLB 2-4
Invoice Description	M3AA 160MLB 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)	3GAA168127-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	12.50 kW	2918 r/min	22.00 A	0.930	88.00 %	41.00 N·m	5.80
D	--	50 Hz	400 V	8.50 kW	1458 r/min	18.10 A	0.780	86.50 %	56.00 N·m	4.50

Temperature Class	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 86.5 % Partial Load (75%) 89.1 % Partial Load (50%) 89.6 %
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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	105 kg
Gross Weight	115 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

