

PRODUCT-DETAILS

# 3GAA229218-ADG

## (3GAA229218-ADG)



### General Information

Product ID	3GAA229218-ADG
ABB Type Designation	M3AA 225SMA 2-4
Catalog Description	(3GAA229218-ADG)

### Ordering

ABB Type Designation	M3AA 225SMA 2-4
Invoice Description	M3AA 225SMA 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	85015290
Replaced Product ID (OLD)	3GAA228121-ADG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	42.00 kW	2967 r/min	72.80 A	0.900	92.40 %	1356.00 N·m	7.40
D	--	50 Hz	400 V	32.00 kW	1483 r/min	57.30 A	0.870	92.60 %	206.00 N·m	6.80

Temperature Class	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 92.4 % Partial Load (75%) 92.9 % Partial Load (50%) 92.2 %
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	225
Bearing	6313-2Z/C3
Bearing NDE	6212-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	273 kg
Gross Weight	283 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

