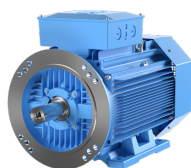


## PRODUCT-DETAILS

# 3GAA251220-ADG (3GAA251220-ADG)



### General Information

Product ID	3GAA251220-ADG
ABB Type Designation	M3AA 250SMB 2
Catalog Description	(3GAA251220-ADG)

### Ordering

ABB Type Designation	M3AA 250SMB 2
Invoice Description	M3AA 250SMB 2
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) Poland (PL)
Customs Tariff Number	85015290
Replaced Product ID (OLD)	3GAA251032-ADG
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	75.00 kW	2970 r/min	74.20 A	0.890	94.50 %	241.00 N·m	7.60
D	--	50 Hz	400 V	75.00 kW	2970 r/min	128.00 A	0.890	94.50 %	241.00 N·m	7.60
D	--	50 Hz	415 V	75.00 kW	2973 r/min	125.00 A	0.880	94.50 %	241.00 N·m	8.10
D	--	60 Hz	440 V	75.00 kW	3572 r/min	115.00 A	0.900	94.40 %	200.00 N·m	8.00
D	--	60 Hz	460 V	75.00 kW	3575 r/min	111.00 A	0.890	94.50 %	200.00 N·m	8.60
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 94.5 % Partial Load (75%) 94.7 % Partial Load (50%) 94.2 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 94.4 % Partial Load (75%) 94.3 % Partial Load (50%) 93.4 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical

Frame Material	Aluminum
Frame Size	250
Bearing	6315-2Z/C3
Bearing NDE	6213-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	351 kg
Gross Weight	361 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

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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

