



PRODUCT-DETAILS

3GAA253210-ADG  
(3GAA253210-ADG)



General Information

Product ID	3GAA253210-ADG
ABB Type Designation	M3AA 250SMA 6
Catalog Description	(3GAA253210-ADG)

Ordering

ABB Type Designation	M3AA 250SMA 6
Invoice Description	M3AA 250SMA 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) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA253031-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	37.00 kW	989 r/min	40.50 A	0.820	93.10 %	357.00 N·m	6.80
D	--	50 Hz	400 V	37.00 kW	989 r/min	69.90 A	0.820	93.10 %	357.00 N·m	6.80
D	--	50 Hz	415 V	37.00 kW	990 r/min	69.10 A	0.800	93.10 %	357.00 N·m	7.10
D	--	60 Hz	440 V	37.00 kW	1186 r/min	62.50 A	0.830	93.50 %	297.00 N·m	7.10
D	--	60 Hz	460 V	37.00 kW	1191 r/min	61.20 A	0.810	93.60 %	296.00 N·m	7.60

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.1 % Partial Load (75%) 93.7 % Partial Load (50%) 93.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.5 % Partial Load (75%) 93.9 % Partial Load (50%) 93.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
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	294 kg
Gross Weight	304 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

