

PRODUCT-DETAILS

3GAA254210-ADG
(3GAA254210-ADG)



General Information

Product ID	3GAA254210-ADG
ABB Type Designation	M3AA 250SMA 8
Catalog Description	(3GAA254210-ADG)

Ordering

ABB Type Designation	M3AA 250SMA 8
Invoice Description	M3AA 250SMA 8
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	Spain (ES) Finland (FI) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA254031-ADG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	30.00 kW	742 r/min	38.40 A	0.710	91.20 %	386.00 N·m	5.80
D	--	50 Hz	400 V	30.00 kW	742 r/min	66.00 A	0.710	91.20 %	386.00 N·m	5.80
D	--	50 Hz	415 V	30.00 kW	743 r/min	65.40 A	0.690	91.20 %	386.00 N·m	6.10
D	--	60 Hz	440 V	30.00 kW	892 r/min	59.60 A	0.710	91.60 %	321.00 N·m	6.00
D	--	60 Hz	460 V	30.00 kW	893 r/min	57.80 A	0.700	91.60 %	320.00 N·m	6.60
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 91.6 % Partial Load (50%) 90.7 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 91.6 % Partial Load (75%) 91.6 % Partial Load (50%) 90.3 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										8
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	340 kg
Gross Weight	350 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

