

PRODUCT-DETAILS

3GAA258216-ADG
(3GAA258216-ADG)



General Information

Product ID	3GAA258216-ADG
ABB Type Designation	M3AA 250SMA 6/8
Catalog Description	(3GAA258216-ADG)

Ordering

ABB Type Designation	M3AA 250SMA 6/8
Invoice Description	M3AA 250SMA 6/8
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	Finland (FI)
Customs Tariff Number	85015290

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	43.00 kW	991 r/min	83.40 A	0.810	91.80 %	414.00 N·m	7.20
D	--	50 Hz	400 V	15.00 kW	744 r/min	35.40 A	0.710	85.90 %	192.00 N·m	6.90

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 85.9 % Partial Load (75%) 86.2 % Partial Load (50%) 84.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	Yes
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	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

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

