

PRODUCT-DETAILS

3GAA258218-BDG
(3GAA258218-BDG)



General Information

Product ID	3GAA258218-BDG
ABB Type Designation	M3AA 250SMA 2-4
Catalog Description	(3GAA258218-BDG)

Ordering

ABB Type Designation	M3AA 250SMA 2-4
Invoice Description	M3AA 250SMA 2-4
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Sweden (SE)
Customs Tariff Number	85015290
Replaced Product ID (OLD)	3GAA258114-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	tE	IS/IN
YY	--	50 Hz	400 V	75.00 kW	2963 r/min	128.00 A	0.910	92.90 %	242.00 N·m	0	8.20
Y	--	50 Hz	400 V	25.00 kW	1472 r/min	51.70 A	0.770	90.60 %	162.00 N·m	0	4.50
Temperature Class Default											--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class NA Full Load (100%) 90.6 % Partial Load (75%) 92.7 % Partial Load (50%) 93.2 %
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	250
Bearing	6315-2Z/C3
Bearing NDE	6213-2Z/C3
IM Class	IMB5 IM3001
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

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

