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PRODUCT-DETAILS

# 3GAA181410-BDK

## M3AA 180MLA 2



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### General Information

Product ID	3GAA181410-BDK
ABB Type Designation	M3AA 180MLA 2
Catalog Description	M3AA 180MLA 2

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### Additional Information

ABB Type Designation	M3AA 180MLA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Poland (PL) Finland (FI) China (CN)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	22.00 kW	2956 r/min	21.80 A	0.900	92.70 %	70.98 N-m	7.80
D	--	50 Hz	400 V	22.00 kW	2956 r/min	37.70 A	0.900	92.70 %	70.98 N-m	7.80
Y	--	50 Hz	660 V	22.00 kW	2947 r/min	22.70 A	0.910	92.70 %	71.10 N-m	7.40
D	--	50 Hz	380 V	22.00 kW	2947 r/min	39.50 A	0.910	92.70 %	71.10 N-m	7.40
D	--	50 Hz	415 V	22.00 kW	2959 r/min	36.70 A	0.890	92.70 %	70.91 N-m	8.40
D	--	60 Hz	460 V	22.00 kW	3560 r/min	33.00 A	0.890	91.70 %	58.96 N-m	9.20

Frame Material	Aluminum
Gross Weight	186 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.7 % Partial Load (75%) 93.1 % Partial Load (50%) 92.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.7 % Partial Load (50%) 90.4 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 180MLA 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	176 kg
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA181051-BDK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

