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PRODUCT-DETAILS

# 3GAA181420-ADG

## (3GAA181420-ADG)



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### General Information

Product ID	3GAA181420-ADG
ABB Type Designation	M3AA 180MLB 2
Catalog Description	(3GAA181420-ADG)

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### Additional Information

ABB Type Designation	M3AA 180MLB 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	30.00 kW	2950 r/min	30.70 A	0.880	92.70 %	97.10 N·m	7.90
Y	--	50 Hz	690 V	30.00 kW	2950 r/min	30.70 A	0.880	92.70 %	97.10 N·m	7.90
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Y	--	50 Hz	690 V	30.00 kW	2950 r/min	30.70 A	0.880	92.70 %	97.10 N·m	7.90
D	--	50 Hz	400 V	30.00 kW	2950 r/min	53.00 A	0.880	92.70 %	97.10 N·m	7.90
D	--	50 Hz	400 V	30.00 kW	2950 r/min	53.00 A	0.880	92.70 %	97.10 N·m	7.90
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D	--	50 Hz	400 V	30.00 kW	2950 r/min	53.00 A	0.880	92.70 %	97.10 N·m	7.90
D	--	50 Hz	415 V	30.00 kW	2955 r/min	52.10 A	0.860	92.90 %	97.10 N·m	8.30
D	--	50 Hz	415 V	30.00 kW	2955 r/min	52.10 A	0.860	92.90 %	97.10 N·m	8.30
D	--	50 Hz	415 V	30.00 kW	2955 r/min	52.10 A	0.860	92.90 %	97.10 N·m	8.30
D	--	50 Hz	415 V	30.00 kW	2955 r/min	52.10 A	0.860	92.90 %	97.10 N·m	8.30
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D	--	50 Hz	415 V	30.00 kW	2955 r/min	52.10 A	0.860	92.90 %	97.10 N·m	8.30
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3553 r/min	47.10 A	0.900	92.70 %	80.60 N·m	8.10
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20
D	--	60 Hz	460 V	30.00 kW	3558 r/min	45.40 A	0.890	93.00 %	80.50 N·m	9.20

Frame Material	Aluminum
Frame Size	180

Gross Weight	159 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.7 % Partial Load (75%) 93.5 % Partial Load (50%) 93.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.7 % Partial Load (75%) 93.1 % Partial Load (50%) 92.5 %
IM Class	IMB3 IM1001
Insulation Class	ICLF
Invoice Description	M3AA 180MLB 2
IP Class	IP55
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	149 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA181062-ADA 3GAA181032-ADG
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany
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 → IE2 High Efficiency Aluminum Motors



