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PRODUCT-DETAILS

# 3GAA184410-BDG

## (3GAA184410-BDG)



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### General Information

Product ID	3GAA184410-BDG
ABB Type Designation	M3AA 180MLA 8
Catalog Description	(3GAA184410-BDG)

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### Additional Information

ABB Type Designation	M3AA 180MLA 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Finland (FI) China (CN) Poland (PL)
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	11.00 kW	731 r/min	16.20 A	0.670	86.90 %	143.00 N-m	4.40
Y	--	50 Hz	690 V	11.00 kW	731 r/min	16.20 A	0.670	86.90 %	143.00 N-m	4.40
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Y	--	50 Hz	690 V	11.00 kW	731 r/min	16.20 A	0.670	86.90 %	143.00 N-m	4.40
D	--	50 Hz	400 V	11.00 kW	731 r/min	27.30 A	0.670	86.90 %	143.00 N-m	4.40
D	--	50 Hz	400 V	11.00 kW	731 r/min	27.30 A	0.670	86.90 %	143.00 N-m	4.40
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D	--	50 Hz	400 V	11.00 kW	731 r/min	27.30 A	0.670	86.90 %	143.00 N-m	4.40
D	--	50 Hz	415 V	11.00 kW	733 r/min	27.00 A	0.650	86.90 %	143.00 N-m	4.60
D	--	50 Hz	415 V	11.00 kW	733 r/min	27.00 A	0.650	86.90 %	143.00 N-m	4.60
D	--	50 Hz	415 V	11.00 kW	733 r/min	27.00 A	0.650	86.90 %	143.00 N-m	4.60
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D	--	50 Hz	415 V	11.00 kW	733 r/min	27.00 A	0.650	86.90 %	143.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	440 V	11.00 kW	883 r/min	24.00 A	0.680	88.30 %	118.00 N-m	4.60
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10
D	--	60 Hz	460 V	11.00 kW	885 r/min	23.50 A	0.660	88.60 %	118.00 N-m	5.10

Frame Material	Aluminum
Frame Size	180
Gross Weight	185 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.9 % Partial Load (75%) 88.0 % Partial Load (50%) 87.1 %

IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 88.3 % Partial Load (75%) 89.2 % Partial Load (50%) 88.3 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M3AA 180MLA 8
IP Class	IP55
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	175 kg
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA184061-BDA 3GAA184031-BDG
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
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

