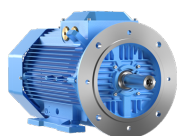


PRODUCT-DETAILS

# 3GAA188421-BDG

## (3GAA188421-BDG)



### General Information

Product ID	3GAA188421-BDG
ABB Type Designation	M3AA 180MLB 2/4
Catalog Description	(3GAA188421-BDG)

### Ordering

ABB Type Designation	M3AA 180MLB 2/4
Invoice Description	M3AA 180MLB 2/4
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	85015230
Replaced Product ID (OLD)	3GAA188228-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	25.00 kW	2943 r/min	42.80 A	0.920	91.50 %	81.00 N·m	7.80
Y	--	50 Hz	400 V	3.60 kW	1480 r/min	8.50 A	0.740	82.20 %	23.00 N·m	5.80
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 82.2 % Partial Load (75%) 82.9 % Partial Load (50%) 80.8 %
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	180
Bearing	6310-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	177 kg
Gross Weight	187 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

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

