

PRODUCT-DETAILS

3GAA188424-BDG

(3GAA188424-BDG)



General Information	
Product ID	3GAA188424-BDG
ABB Type Designation	M3AA 180MLB 4/6
Catalog Description	(3GAA188424-BDG)

Ordering	
ABB Type Designation	M3AA 180MLB 4/6
Invoice Description	M3AA 180MLB 4/6
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)	3GAA188230-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	20.00 kW	1481 r/min	38.30 A	0.830	90.60 %	129.00 N·m	7.00
Y	--	50 Hz	400 V	6.50 kW	989 r/min	16.40 A	0.670	85.10 %	63.00 N·m	6.00
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 85.1 % Partial Load (75%) 85.3 % Partial Load (50%) 83.2 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
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

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

