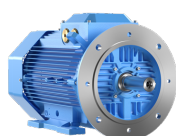


PRODUCT-DETAILS

3GAA168424-BDG

(3GAA168424-BDG)



General Information

Product ID	3GAA168424-BDG
ABB Type Designation	M3AA 160MLB 4/6
Catalog Description	(3GAA168424-BDG)

Ordering

ABB Type Designation	M3AA 160MLB 4/6
Invoice Description	M3AA 160MLB 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)	3GAA168225-BDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	14.50 kW	1470 r/min	27.90 A	0.840	89.30 %	94.00 N·m	6.80
Y	--	50 Hz	400 V	4.50 kW	981 r/min	11.10 A	0.710	81.80 %	44.00 N·m	5.20
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 81.8 % Partial Load (75%) 83.0 % Partial Load (50%) 81.3 %
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	160
Bearing	6309-2Z/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	140 kg
Gross Weight	150 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

