

PRODUCT-DETAILS

3GAA108524-BDF

(3GAA108524-BDF)



General Information

Product ID	3GAA108524-BDF
ABB Type Designation	M3AA 100LB 4/6
Catalog Description	(3GAA108524-BDF)

Ordering

ABB Type Designation	M3AA 100LB 4/6
Invoice Description	M3AA 100LB 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) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA108204-BDE

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.50 kW	1430 r/min	5.50 A	0.840	79.00 %	16.00 N·m	5.60
Y	--	50 Hz	400 V	0.80 kW	960 r/min	2.50 A	0.710	68.00 %	7.90 N·m	3.50
Temperature Class										
Default										
Altitude										
1000 m										
Ambient Temperature										
40 °C										
IC Class										
IC411										
IE Class Data (50 Hz)										
IE Class NA										
Full Load (100%) 68.0 %										
Partial Load (75%) 65.0 %										
Partial Load (50%) 55.7 %										
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										
100										
Bearing										
6306-2Z/C3										
Bearing NDE										
6205-2Z/C3										
IM Class										
IMB5 IM3001										
Terminator Box Location										
D-End top										
Dimensions										
Package Level 1 Units										
0 carton										
Product Net Weight										
23 kg										
Gross Weight										
28 kg										
Environmental										
WEEE Category										
5. Small Equipment (No External Dimension More Than 50 cm)										
SCIP										
27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)										
Classifications										
UNSPSC										
26101100										

Categories

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

