

PRODUCT-DETAILS

3GAA102214-BDE

M2AA 100LD 4



General Information

Product ID	3GAA102214-BDE
ABB Type Designation	M2AA 100LD 4
EAN	3GAA102214-BDE
Catalog Description	M2AA 100LD 4

Additional Information

ABB Type Designation	M2AA 100LD 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Poland (PL) Finland (FI) Sweden (SE) Romania (RO)
Customs Tariff Number	85015220
EAN	3GAA102214-BDE
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	3.00 kW	1445 r/min	3.70 A	0.790	85.70 %	19.80 N-m	7.00
D	--	50 Hz	400 V	3.00 kW	1445 r/min	6.30 A	0.790	85.70 %	19.80 N-m	7.00
D	--	60 Hz	460 V	3.00 kW	1750 r/min	5.30 A	0.800	88.20 %	16.30 N-m	8.20

Gross Weight	33 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 85.7 % Partial Load (75%) 86.1 % Partial Load (50%) 85.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 88.2 % Partial Load (75%) 87.5 % Partial Load (50%) 85.6 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 100LD 4
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.01100 kg/m ³
Number of Poles (High)	4
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	28 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

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

