

PRODUCT-DETAILS

3GAA101212-BSE (3GAA101212-BSE)



General Information

Product ID	3GAA101212-BSE
ABB Type Designation	M2AA 100LB 2
Catalog Description	(3GAA101212-BSE)

Additional Information

ABB Type Designation	M2AA 100LB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Poland (PL) Afghanistan (AF) Sweden (SE) China (CN)
Customs Tariff Number	85015220

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	2920 r/min	5.80 A	0.860	86.40 %	9.80 N·m	9.30
D	--	50 Hz	230 V	3.00 kW	2920 r/min	10.10 A	0.860	86.40 %	9.80 N·m	9.30
Y	--	60 Hz	460 V	3.00 kW	3530 r/min	5.10 A	0.840	87.50 %	8.10 N·m	10.00

Frame Material	Aluminum
Frame Size	100
Gross Weight	30 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.4 % Partial Load (75%) 86.1 % Partial Load (50%) 84.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 86.8 % Partial Load (50%) 84.6 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M2AA 100LB 2
IP Class	IP55
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00500 kg/m³
Number of Poles (High)	2
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	25 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	S
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



