



PRODUCT-DETAILS

3GAR103400-BJESG1
M3ARF 100 LA 6



General Information	
Product ID	3GAR103400-BJESG1
ABB Type Designation	M3ARF 100 LA 6
Catalog Description	M3ARF 100 LA 6

Ordering	
ABB Type Designation	M3ARF 100 LA 6
Invoice Description	M3ARF 100 LA 6
Product Name	3-Phase squirrel cage motor
Product Type	AR__Aluminium_Brake_Motor
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	60 Hz	690 V	1.75 kW	1154 r/min	2.54 A	0.720	80.30 %	14.49 N·m	4.90
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (60 Hz)										IE Class NA Full Load (100%) 80.3 % Partial Load (75%) 80.0 % Partial Load (50%) 76.7 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
Two Speed Motor										No
Type of Duty										S6
Voltage Code										J

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	29.5 kg
Gross Weight	34.5 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Brake Motors

