



PRODUCT-DETAILS

3GAA102520-BSP
QAL 100LA 4

General Information	
Product ID	3GAA102520-BSP
ABB Type Designation	QAL 100LB 4
Catalog Description	QAL 100LA 4

Ordering	
ABB Type Designation	QAL 100LB 4
Invoice Description	QAL 100LA 4
Product Name	3-Phase squirrel cage motor
Product Type	QAL
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015220

Electrical									
Electrical Data									
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque
Y	--	50 Hz	380 V	3.00 kW	1440 r/min	6.30 A	0.820	87.70 %	20.00 N·m
Temperature Class Default									--
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IP Class									IP55
Insulation Class									ICLF
Direction of Rotation									Both sides
Number of Poles (High)									4
Two Speed Motor									No
Type of Duty									S1

Voltage Code	S
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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	23 kg
Gross Weight	28 kg

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

Classifications	
UNSPSC	26101100

Categories	
Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Aluminum Motors	