

PRODUCT-DETAILS

3GAA102314-BSE

M3AA 100LD 4 AC MOTOR



General Information

Product ID	3GAA102314-BSE
ABB Type Designation	M3AA 100LD 4
Catalog Description	M3AA 100LD 4 AC MOTOR
Long Description	M3AA 100LD 4 AC MOTOR

Additional Information

ABB Type Designation	M3AA 100LD 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Poland (PL) China (CN) Sweden (SE)
Customs Tariff Number	85015220
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	3.00 kW	1445 r/min	10.90 A	0.790	85.70 %	19.80 N-m	7.00
Y	--	50 Hz	400 V	3.00 kW	1445 r/min	6.30 A	0.790	85.70 %	19.80 N-m	7.00
Y	--	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	29.65 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 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 100LD 4 AC MOTOR
Lubrication	For life
Made To Order	No
Medium Description	M3AA 100LD 4 AC MOTOR
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	29 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	-
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End top
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 → Legacy IEC Low Voltage Motors → Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

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

