

PRODUCT-DETAILS

3GAA102001-HDE

M2AA 100LA 4



General Information

Product ID	3GAA102001-HDE
ABB Type Designation	M2AA 100LA 4
Catalog Description	M2AA 100LA 4

Additional Information

ABB Type Designation	M2AA 100LA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Spain (ES) Poland (PL)
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
Y	--	50 Hz	690 V	2.20 kW	1430 r/min	2.80 A	0.780	82.30 %	14.60 N·m	5.60
D	--	50 Hz	400 V	2.20 kW	1430 r/min	4.90 A	0.780	82.30 %	14.60 N·m	5.60
D	--	60 Hz	460 V	2.20 kW	1740 r/min	4.30 A	0.750	85.10 %	12.00 N·m	6.60

Gross Weight	20.65 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 82.3 % Partial Load (75%) 83.4 % Partial Load (50%) 82.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.1 %
IM Class	IMB35 IM2001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 100LA 4
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA102001-ADE
Product Name	3-Phase squirrel cage motor
Product Net Weight	20 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA102001-HDA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
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 → Legacy IEC Low Voltage Motors → Aluminum Motors

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

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

