

PRODUCT-DETAILS

3GAA181410-ASL

M3AA 180MLA 2



General Information

Product ID	3GAA181410-ASL
ABB Type Designation	M3AA 180MLA 2
Catalog Description	M3AA 180MLA 2

Additional Information

ABB Type Designation	M3AA 180MLA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	22.00 kW	2944 r/min	38.00 A	0.900	92.70 %	71.36 N-m	8.40
D	--	50 Hz	230 V	22.00 kW	2944 r/min	66.10 A	0.900	92.70 %	71.36 N-m	8.40
Y	--	50 Hz	415 V	22.00 kW	2949 r/min	37.00 A	0.890	92.70 %	71.24 N-m	9.00
Y	--	60 Hz	440 V	22.00 kW	3546 r/min	34.10 A	0.910	92.90 %	59.25 N-m	8.90
Y	--	60 Hz	460 V	22.00 kW	3552 r/min	32.90 A	0.900	92.90 %	59.15 N-m	9.70

Gross Weight	143 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.7 % Partial Load (75%) 93.4 % Partial Load (50%) 93.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.9 % Partial Load (75%) 93.3 % Partial Load (50%) 92.5 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 180MLA 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	133 kg
Product Type	5AA3_M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA181051-ASL
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
UNSPSC	26101100
Voltage Code	S
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

