

PRODUCT-DETAILS

3GAA281220-ADK

M3AA 280SMB 2



General Information

Product ID	3GAA281220-ADK
ABB Type Designation	M3AA 280SMB 2
Catalog Description	M3AA 280SMB 2

Additional Information

ABB Type Designation	M3AA 280SMB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6315/C3
Bearing NDE	6213/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015381
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	90.00 kW	2975 r/min	90.00 A	0.870	95.00 %	288.60 N-m	8.50
D	--	50 Hz	400 V	90.00 kW	2975 r/min	156.00 A	0.870	95.00 %	288.60 N-m	8.50
Y	--	50 Hz	660 V	90.00 kW	2970 r/min	93.00 A	0.890	95.00 %	288.94 N-m	7.80
D	--	50 Hz	380 V	90.00 kW	2970 r/min	161.00 A	0.890	95.00 %	288.94 N-m	7.80
D	--	50 Hz	415 V	90.00 kW	2977 r/min	154.00 A	0.850	95.00 %	288.38 N-m	8.90
D	--	60 Hz	460 V	90.00 kW	3578 r/min	136.00 A	0.870	95.00 %	240.00 N-m	9.60

Gross Weight	440 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 95.0 % Partial Load (50%) 94.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.9 % Partial Load (50%) 94.1 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 280SMB 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	420 kg
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA281052-ADK
Replacement Product ID (NEW)	3GAA281220-ADL
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
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
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

