



PRODUCT-DETAILS

3GAA221220-HDG

M3AA 225SMB 2

General Information

Product ID	3GAA221220-HDG
ABB Type Designation	M3AA 225SMB 2
Catalog Description	M3AA 225SMB 2

Additional Information

ABB Type Designation	M3AA 225SMB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313-2Z/C3
Bearing NDE	6212-2Z/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015290
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Efficiency Factor	Torque	IS/IN
Y	--	50 Hz	690 V	55.00 kW	2961 r/min	55.60 A	0.880 93.90 %	177.00 N·m	6.50
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Y	--	50 Hz	690 V	55.00 kW	2961 r/min	55.60 A	0.880 93.90 %	177.00 N·m	6.50
D	--	50 Hz	400 V	55.00 kW	2961 r/min	96.00 A	0.880 93.90 %	177.00 N·m	6.50
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D	--	50 Hz	415 V	55.00 kW	2965 r/min	93.40 A	0.870 94.10 %	177.00 N·m	7.00
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D	--	50 Hz	415 V	55.00 kW	2965 r/min	93.40 A	0.870 94.10 %	177.00 N·m	7.00
D	--	60 Hz	440 V	55.00 kW	3563 r/min	86.50 A	0.890 93.70 %	147.00 N·m	6.80
D	--	60 Hz	440 V	55.00 kW	3563 r/min	86.50 A	0.890 93.70 %	147.00 N·m	6.80
D	--	60 Hz	440 V	55.00 kW	3563 r/min	86.50 A	0.890 93.70 %	147.00 N·m	6.80
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D	--	60 Hz	440 V	55.00 kW	3563 r/min	86.50 A	0.890 93.70 %	147.00 N·m	6.80
D	--	60 Hz	460 V	55.00 kW	3567 r/min	82.60 A	0.890 93.90 %	147.00 N·m	7.50
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Gross Weight

296 kg

IC Class

IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.9 % Partial Load (75%) 94.3 % Partial Load (50%) 93.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.7 % Partial Load (75%) 93.6 % Partial Load (50%) 92.4 %
IM Class	IMB35 IM2001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 225SMB 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)
Pre Modified Motor Product ID	3GAA221220-ADG
Product Name	3-Phase squirrel cage motor
Product Net Weight	286 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA221032-HDG
Selling Unit of Measure	piece
Stocked At (Warehouses)	Central Stock Europe
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)