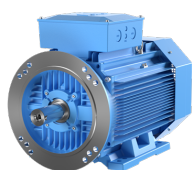


PRODUCT-DETAILS

3GAA222220-ADG

M3AA 225SMB 4



General Information

Product ID	3GAA222220-ADG
ABB Type Designation	M3AA 225SMB 4
Catalog Description	M3AA 225SMB 4

Additional Information

ABB Type Designation	M3AA 225SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313-2Z/C3
Bearing NDE	6212-2Z/C3
Country of Origin	Spain (ES) Finland (FI) Poland (PL)
Customs Tariff Number	85015290
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	45.00 kW	1480 r/min	47.10 A	0.850	93.90 %	290.00 N-m	7.50
Y	--	50 Hz	690 V	45.00 kW	1480 r/min	47.10 A	0.850	93.90 %	290.00 N-m	7.50
Y	--	50 Hz	690 V	45.00 kW	1480 r/min	47.10 A	0.850	93.90 %	290.00 N-m	7.50
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Y	--	50 Hz	690 V	45.00 kW	1480 r/min	47.10 A	0.850	93.90 %	290.00 N-m	7.50
Y	--	50 Hz	690 V	45.00 kW	1480 r/min	47.10 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	400 V	45.00 kW	1480 r/min	81.30 A	0.850	93.90 %	290.00 N-m	7.50
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	50 Hz	415 V	45.00 kW	1483 r/min	80.10 A	0.830	94.10 %	290.00 N-m	8.00
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	440 V	45.00 kW	1782 r/min	73.00 A	0.860	94.00 %	241.00 N-m	7.90
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60
D	--	60 Hz	460 V	45.00 kW	1784 r/min	70.50 A	0.850	94.20 %	240.00 N-m	8.60

Frame Material	Aluminum
Gross Weight	283 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%) 93.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 94.0 % Partial Load (75%) 94.1 % Partial Load (50%) 93.2 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 225SMB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	273 kg
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA222032-ADG
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 → IE2 High Efficiency Aluminum Motors

