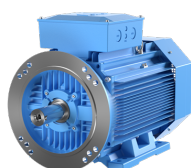


PRODUCT-DETAILS

3GAA222230-HDG

(3GAA222230-HDG)



General Information

Product ID	3GAA222230-HDG
ABB Type Designation	M3AA 225SMC 4
Catalog Description	(3GAA222230-HDG)

Ordering

ABB Type Designation	M3AA 225SMC 4
Invoice Description	M3AA 225SMC 4
Product Name	3-Phase squirrel cage motor
Product Type	3AA2__M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015290
Replaced Product ID (OLD)	3GAA222033-HDG

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	55.00 kW	1478 r/min	57.60 A	0.850	94.00 %	355.00 N·m	7.40
D	--	50 Hz	400 V	55.00 kW	1478 r/min	99.30 A	0.850	94.00 %	355.00 N·m	7.40
D	--	50 Hz	415 V	55.00 kW	1480 r/min	98.00 A	0.830	94.00 %	355.00 N·m	7.80
D	--	60 Hz	440 V	55.00 kW	1780 r/min	88.00 A	0.870	94.20 %	295.00 N·m	7.90
D	--	60 Hz	460 V	55.00 kW	1782 r/min	86.00 A	0.850	94.40 %	294.00 N·m	8.50
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 94.0 % Partial Load (75%) 94.6 % Partial Load (50%) 94.3 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 94.2 % Partial Load (75%) 94.6 % Partial Load (50%) 94.0 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical	
Frame Material	Aluminum
Frame Size	225
Bearing	6313-2Z/C3
Bearing NDE	6212-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 pallet (lift)
Product Net Weight	287 kg
Gross Weight	297 kg

Environmental	
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications	
UNSPSC	26101100

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

