

PRODUCT-DETAILS

# 3GAA252210-HDK021

## (3GAA252210-HDK021)



### General Information

Product ID	3GAA252210-HDK021
ABB Type Designation	M3AA 250SMA 4
Catalog Description	(3GAA252210-HDK021)

### Ordering

ABB Type Designation	M3AA 250SMA 4
Invoice Description	M3AA 250SMA 4
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL)
Customs Tariff Number	85015290
Stocked At (Warehouses)	Menden, Germany

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	1485 r/min	56.70 A	0.850	94.60 %	353.00 N·m	7.90
D	--	50 Hz	400 V	55.00 kW	1485 r/min	97.80 A	0.850	94.60 %	353.00 N·m	7.90
Y	--	50 Hz	660 V	55.00 kW	1482 r/min	58.80 A	0.860	94.60 %	353.00 N·m	7.20
D	--	50 Hz	380 V	55.00 kW	1482 r/min	102.00 A	0.860	94.60 %	353.00 N·m	7.20
D	--	50 Hz	415 V	55.00 kW	1486 r/min	95.20 A	0.840	94.60 %	353.00 N·m	8.50
D	--	60 Hz	460 V	55.00 kW	1787 r/min	85.80 A	0.840	95.70 %	293.00 N·m	9.10
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 94.6 % Partial Load (75%) 94.9 % Partial Load (50%) 94.6 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 95.7 % Partial Load (75%) 95.8 % Partial Load (50%) 95.2 %
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	250
Bearing	6315-2Z/C3
Bearing NDE	6213-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	376 kg
Gross Weight	386 kg

Environmental

WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC 26101100

Categories

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

