

PRODUCT-DETAILS

# 3GAA252210-HDK

## (3GAA252210-HDK)



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

Ordering	
ABB Type Designation	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)	Sant Quirze del Vallés - BCN, Spain
Medium Description	55kW, 4 Poles, Frame Size 250, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA252210-HDK)
Short Description	55kW, 4P, Frame Size 250, 3PH, 400V, 50Hz, IP55, IMB35/IM2001

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

