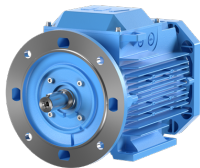


PRODUCT-DETAILS

# 3GAA132300-HDE

## IE2 High Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA132300-HDE)



General Information	
Product ID	3GAA132300-HDE
ABB Type Designation	M3AA 132M 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA132300-HDE)

Ordering	
ABB Type Designation	M3AA 132M 4
Invoice Description	M3AA 132M 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) China (CN) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA132442-HDE 3GAA132312-HDE
Stocked At	Menden, Germany

(Warehouses)	Shanghai, China
Medium Description	5.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA132300-HDE)
Short Description	5.5kW, 4P, Frame Size 132, 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	5.50 kW	1465 r/min	6.30 A	0.790	89.00 %	36.00 N·m	6.20
D	--	50 Hz	400 V	5.50 kW	1465 r/min	10.90 A	0.790	89.00 %	36.00 N·m	6.30
D	--	60 Hz	460 V	5.50 kW	1769 r/min	9.50 A	0.790	89.70 %	29.80 N·m	7.30
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										5.5 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 89.0 % Partial Load (75%) 89.5 % Partial Load (50%) 88.6 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 89.7 % Partial Load (75%) 89.5 % Partial Load (50%) 87.8 %
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	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	447 mm

Length	
Product Net Height	296 mm
Product Net Width	262 mm
Product Net Weight	48 kg
Gross Weight	53 kg

Environmental	
WEEE Category	5. Small Equipment (No 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 → General Performance Motors → IE2 High Efficiency Aluminum Motors	
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors	

