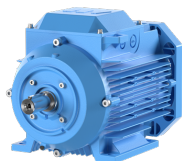




PRODUCT-DETAILS

3GAA132340-AEK

IE3 Premium Efficiency Aluminum Motors, 9.2 kW, 500 V (3GAA132340-AEK)



General Information	
Product ID	3GAA132340-AEK
ABB Type Designation	M3AA 132MD 4
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 9.2 kW, 500 V (3GAA132340-AEK)

Ordering	
ABB Type Designation	M3AA 132MD 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	Finland (FI)
Customs Tariff Number	85015230
Medium Description	9.2kW, 4 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA132340-AEK)
Short Description	9.2kW, 4P, Frame Size 132, 3PH, 500V, 50Hz, IP55, IMB3/IM1001

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	9.20 kW	1465 r/min	14.40 A	0.800	91.00 %	59.99 N·m	8.60
D	--	60 Hz	575 V	9.20 kW	1770 r/min	12.70 A	0.780	91.70 %	49.63 N·m	9.60
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U _{in})										500 V
Frequency (f)										50 Hz
Output Power										9.2 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.5 % Partial Load (50%) 91.1 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.8 % Partial Load (50%) 90.7 %
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										E

Mechanical	
Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Depth / Length	487 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	65 kg
Gross Weight	70 kg

Classifications

UNSPSC

26101100

Categories

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

