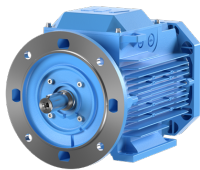




PRODUCT-DETAILS

3GAA133320-HSE

IE2 High Efficiency Aluminum Motors, 4 kW, 400 V (3GAA133320-HSE)



General Information

Product ID	3GAA133320-HSE
ABB Type Designation	M3AA 132MB 6
Catalog Description	IE2 High Efficiency Aluminum Motors, 4 kW, 400 V (3GAA133320-HSE)

Ordering

ABB Type Designation	M3AA 132MB 6
Invoice Description	M3AA 132MB 6
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)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA133310-HSE
Stocked At (Warehouses)	Shanghai, China
Medium Description	4kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA133320-HSE)
Short Description	4kW, 6P, 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	400 V	4.00 kW	975 r/min	9.40 A	0.700	86.40 %	39.20 N·m	7.30
D	--	50 Hz	230 V	4.00 kW	975 r/min	16.60 A	0.700	86.40 %	39.10 N·m	7.30
Y	--	60 Hz	460 V	4.00 kW	1177 r/min	8.30 A	0.690	87.30 %	32.40 N·m	8.00
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										4 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 86.4 % Partial Load (75%) 85.8 % Partial Load (50%) 83.1 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 87.3 % Partial Load (75%) 86.1 % Partial Load (50%) 82.9 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
Two Speed Motor										No
Type of Duty										S1
Voltage Code										S
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 / Length										487 mm
Product Net Height										296 mm
Product Net Width										262 mm
Product Net Weight										54 kg
Gross Weight										59 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

