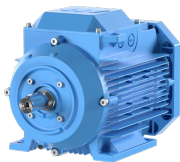




PRODUCT-DETAILS

3GAA132280-ASE

IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA132280-ASE)



General Information

Product ID	3GAA132280-ASE
ABB Type Designation	M3AA 132SMH 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA132280-ASE)

Ordering

ABB Type Designation	M3AA 132SMH 4
Invoice Description	M3AA 132SMH 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) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA132316-ASE
Stocked At (Warehouses)	Menden, Germany
Medium Description	15kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA132280-ASE)
Short Description	15kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	15.00 kW	1455 r/min	29.80 A	0.770	90.60 %	98.40 N·m	7.10
D	--	50 Hz	230 V	15.00 kW	1455 r/min	51.50 A	0.770	90.60 %	98.40 N·m	7.10
Y	--	60 Hz	460 V	15.00 kW	1760 r/min	26.00 A	0.780	91.70 %	81.50 N·m	8.20
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										15 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 90.6 % Partial Load (75%) 91.0 % Partial Load (50%) 90.3 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 91.7 % Partial Load (75%) 91.5 % Partial Load (50%) 90.2 %
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										S
Mechanical										
Frame Material										Aluminum
Frame Size										132
Bearing										6308-2Z/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										296 mm
Product Net Width										262 mm
Product Net Weight										82 kg
Gross Weight										87 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 → Process Performance Motors → IE2 High Efficiency Aluminum Motors

