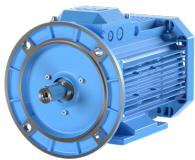




PRODUCT-DETAILS

3GAA103530-HSE

IE2 High Efficiency Aluminum Motors, 1.5 kW, 400 V (3GAA103530-HSE)



General Information	
Product ID	3GAA103530-HSE
ABB Type Designation	M3AA 100LC 6
Catalog Description	IE2 High Efficiency Aluminum Motors, 1.5 kW, 400 V (3GAA103530-HSE)

Ordering	
ABB Type Designation	M3AA 100LC 6
Invoice Description	M3AA 100LC 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)	3GAA103442-HSE
Stocked At (Warehouses)	Shanghai, China

Medium Description	1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA103530-HSE)
Short Description	1.5kW, 6P, Frame Size 100, 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	1.50 kW	945 r/min	3.60 A	0.730	80.30 %	15.10 N-m	3.90
D	--	50 Hz	230 V	1.50 kW	945 r/min	6.26 A	0.730	80.30 %	15.10 N-m	3.90
Y	--	60 Hz	460 V	1.50 kW	1150 r/min	3.20 A	0.700	83.30 %	12.40 N-m	4.40
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										1.5 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 80.3 % Partial Load (75%) 81.4 % Partial Load (50%) 80.3 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 83.3 % Partial Load (75%) 83.3 % Partial Load (50%) 81.4 %
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	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	351 mm
Product Net Height	237 mm

Product Net Width	200 mm
Product Net Weight	26 kg
Gross Weight	31 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
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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

