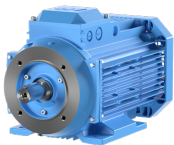


PRODUCT-DETAILS

3GAA103550-JSK

IE3 Premium Efficiency Aluminum Motors, 1.1 kW, 400 V (3GAA103550-JSK)



General Information	
Product ID	3GAA103550-JSK
ABB Type Designation	M3AA 100LE 6
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 1.1 kW, 400 V (3GAA103550-JSK)

Ordering	
ABB Type Designation	M3AA 100LE 6
Invoice Description	M3AA 100LE 6
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	85015220
Medium Description	1.1kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB34/IM2101 Mounting (3GAA103550-JSK)
Short Description	1.1kW, 6P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB34/IM2101

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.10 kW	963 r/min	2.60 A	0.690	81.00 %	10.90 N-m	5.60
D	--	50 Hz	230 V	1.10 kW	963 r/min	4.50 A	0.690	81.00 %	10.90 N-m	5.60
Y	--	50 Hz	380 V	1.10 kW	959 r/min	2.60 A	0.720	81.00 %	10.90 N-m	5.10
D	--	50 Hz	220 V	1.10 kW	959 r/min	4.60 A	0.720	81.00 %	10.90 N-m	5.10
Y	--	50 Hz	415 V	1.10 kW	968 r/min	2.50 A	0.680	81.00 %	10.80 N-m	6.00
Y	--	60 Hz	460 V	1.10 kW	1168 r/min	2.30 A	0.660	87.50 %	9.00 N-m	6.30

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	1.1 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 81.0 % Partial Load (75%) 81.5 % Partial Load (50%) 79.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 87.5 % Partial Load (75%) 87.5 % Partial Load (50%) 85.8 %
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	IMB34 IM2101
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	432 mm
Product Net Height	237 mm
Product Net Width	200 mm
Product Net Weight	35 kg

Gross Weight	40 kg
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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 → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

