

PRODUCT-DETAILS

3GAA134110-ASK

IE3 Premium Efficiency Aluminum Motors, 2.2 kW, 400 V (3GAA134110-ASK)



General Information	
Product ID	3GAA134110-ASK
ABB Type Designation	M3AA 132SA 8
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 2.2 kW, 400 V (3GAA134110-ASK)

Ordering	
ABB Type Designation	M3AA 132SA 8
Invoice Description	M3AA 132SA 8
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	China (CN) Finland (FI)
Customs Tariff Number	85015220
Medium Description	2.2kW, 8 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA134110-ASK)
Short Description	2.2kW, 8P, 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	2.20 kW	725 r/min	5.80 A	0.640	81.90 %	28.90 N·m	5.20
D	--	50 Hz	230 V	2.20 kW	725 r/min	10.00 A	0.640	81.90 %	28.90 N·m	5.20
Y	--	50 Hz	380 V	2.20 kW	722 r/min	5.81 A	0.670	81.90 %	29.10 N·m	4.90
D	--	50 Hz	220 V	2.20 kW	722 r/min	10.00 A	0.670	81.90 %	29.10 N·m	4.90
Y	--	50 Hz	415 V	2.20 kW	727 r/min	5.91 A	0.600	81.90 %	28.80 N·m	5.30
Y	--	60 Hz	460 V	2.20 kW	879 r/min	5.20 A	0.600	85.50 %	23.90 N·m	5.70

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	2.2 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 81.9 % Partial Load (75%) 81.6 % Partial Load (50%) 79.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 85.5 % Partial Load (75%) 84.9 % Partial Load (50%) 82.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
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	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	51 kg

Gross Weight56 kg

Environmental

WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)
SCIP27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC26101100

Categories

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

