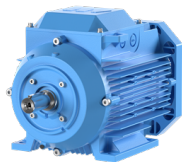




 PRODUCT-DETAILS

3GAA131130-ASK

IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA131130-ASK)



General Information

Product ID	3GAA131130-ASK
ABB Type Designation	M3AA 132SC 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA131130-ASK)

Ordering

ABB Type Designation	M3AA 132SC 2
Invoice Description	M3AA 132SC 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_AA
Country or Territory of Origin	China
	Finland
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Medium Description	7.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA131130-ASK)
Short Description	7.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	7.50 kW	2909 r/min	13.10 A	0.900	90.10 %	24.60 N-m	8.30
D	--	50 Hz	230 V	7.50 kW	2909 r/min	22.80 A	0.900	90.10 %	24.60 N-m	8.30
Y	--	50 Hz	380 V	7.50 kW	2893 r/min	13.90 A	0.910	90.10 %	24.60 N-m	7.40
D	--	50 Hz	220 V	7.50 kW	2893 r/min	24.00 A	0.910	90.10 %	24.60 N-m	7.40
Y	--	50 Hz	415 V	7.50 kW	2917 r/min	12.70 A	0.900	90.10 %	24.60 N-m	9.00
Y	--	60 Hz	460 V	7.50 kW	3524 r/min	11.40 A	0.900	90.20 %	20.30 N-m	9.60

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	7.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 90.1 % Partial Load (75%) 91.1 % Partial Load (50%) 91.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 90.2 % Partial Load (75%) 90.7 % Partial Load (50%) 90.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
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

Product Net Depth / Length	487 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	63 kg
Gross Weight	68 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland

External Classifications and Standards

UNSPSC	26101100
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Categories

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

