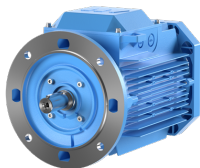




PRODUCT-DETAILS

3GAA131250-BDK

IE3 Premium Efficiency Aluminum Motors, 11 kW, 400 V (3GAA131250-BDK)



General Information

Product ID	3GAA131250-BDK
ABB Type Designation	M3AA 132SME 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 11 kW, 400 V (3GAA131250-BDK)

Ordering

ABB Type Designation	M3AA 132SME 2
Invoice Description	M3AA 132SME 2
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) Poland (PL)
Customs Tariff Number	85015230
Stocked At (Warehouses)	Menden, Germany Vittuone, Italy
Medium Description	11kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131250-BDK)
Short Description	11kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	11.00 kW	2922 r/min	11.40 A	0.900	91.20 %	36.00 N·m	10.60
D	--	50 Hz	400 V	11.00 kW	2922 r/min	19.80 A	0.900	91.20 %	36.00 N·m	10.60
Y	--	50 Hz	660 V	11.00 kW	2915 r/min	11.50 A	0.910	91.60 %	37.30 N·m	10.00
D	--	50 Hz	380 V	11.00 kW	2914 r/min	20.00 A	0.910	91.60 %	37.30 N·m	10.00
D	--	50 Hz	415 V	11.00 kW	2927 r/min	18.60 A	0.890	91.20 %	36.00 N·m	11.30
D	--	60 Hz	460 V	11.00 kW	3527 r/min	16.70 A	0.890	91.00 %	29.80 N·m	12.10

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	11 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 91.2 % Partial Load (75%) 91.5 % Partial Load (50%) 90.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 90.8 % Partial Load (50%) 89.3 %
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	D

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6308-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	550 mm
Product Net Height	321 mm
Product Net Width	262 mm
Product Net Weight	90 kg
Gross Weight	95 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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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

