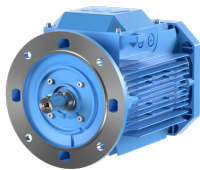




PRODUCT-DETAILS

3GAA132250-BEK

IE3 Premium Efficiency Aluminum Motors, 11 kW, 500 V (3GAA132250-BEK)



General Information

Product ID	3GAA132250-BEK
ABB Type Designation	M3AA 132SME 4
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 11 kW, 500 V (3GAA132250-BEK)

Ordering

ABB Type Designation	M3AA 132SME 4
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	85015230
Medium Description	11kW, 4 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA132250-BEK)
Short Description	11kW, 4P, Frame Size 132, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	11.00 kW	1464 r/min	17.50 A	0.790	91.40 %	71.56 N·m	8.20
D	--	60 Hz	575 V	11.00 kW	1771 r/min	15.10 A	0.780	92.40 %	59.35 N·m	9.30

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U _{in})	500 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%) 91.4 % Partial Load (75%) 92.0 % Partial Load (50%) 91.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.4 % Partial Load (75%) 92.6 % Partial Load (50%) 91.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/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	88 kg
Gross Weight	93 kg

Classifications

UNSPSC	26101100
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Categories

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

