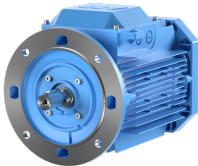


PRODUCT-DETAILS

3GAA131140-BEK

IE3 Premium Efficiency Aluminum Motors, 9.2 kW, 500 V (3GAA131140-BEK)



General Information	
Product ID	3GAA131140-BEK
ABB Type Designation	M3AA 132SD 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 9.2 kW, 500 V (3GAA131140-BEK)

Ordering	
ABB Type Designation	M3AA 132SD 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)
Customs Tariff Number	85015230
Medium Description	9.2kW, 2 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA131140-BEK)
Short Description	9.2kW, 2P, 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	9.20 kW	2910 r/min	12.90 A	0.900	90.70 %	29.90 N·m	8.20
D	--	60 Hz	575 V	9.20 kW	3515 r/min	11.20 A	0.900	91.60 %	24.73 N·m	9.40
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U _{in})										500 V
Frequency (f)										50 Hz
Output Power										9.2 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 90.7 % Partial Load (75%) 91.8 % Partial Load (50%) 92.1 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.6 % Partial Load (75%) 92.1 % Partial Load (50%) 91.7 %
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										E

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	E2.6208-2Z/C3
Bearing NDE	E2.6206-2Z/C3
IM Class	IMB5 IM3001
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	71 kg
Gross Weight	76 kg

Classifications

UNSPSC

26101100

Categories

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

