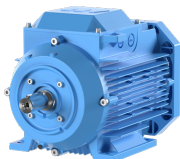




PRODUCT-DETAILS

3GAA131260-ADK

IE3 Premium Efficiency Aluminum Motors, 15 kW, 400 V (3GAA131260-ADK)



General Information

Product ID	3GAA131260-ADK
ABB Type Designation	M3AA 132SMF 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 15 kW, 400 V (3GAA131260-ADK)

Ordering

ABB Type Designation	M3AA 132SMF 2
Invoice Description	M3AA 132SMF 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
Medium Description	15kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA131260-ADK)
Short Description	15kW, 2P, 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	690 V	15.00 kW	2908 r/min	14.90 A	0.910	91.90 %	49.30 N·m	9.80
D	--	50 Hz	400 V	15.00 kW	2908 r/min	25.80 A	0.910	91.90 %	49.30 N·m	9.80
Y	--	50 Hz	660 V	15.00 kW	2900 r/min	15.50 A	0.920	92.00 %	49.10 N·m	10.80
D	--	50 Hz	380 V	15.00 kW	2899 r/min	26.90 A	0.920	92.00 %	49.45 N·m	9.60
D	--	50 Hz	415 V	15.00 kW	2914 r/min	25.00 A	0.900	91.90 %	49.20 N·m	10.50
D	--	60 Hz	460 V	15.00 kW	3526 r/min	22.30 A	0.900	91.00 %	40.90 N·m	10.50
Connection Configuration										D
Temperature Class										--
Default										
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										15 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 91.9 % Partial Load (75%) 92.5 % Partial Load (50%) 92.3 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.6 % Partial Load (50%) 91.2 %
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	E2.6308-2Z/C3
Bearing NDE	E2.6206-2Z/C3
IM Class	IMB3 IM1001
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

