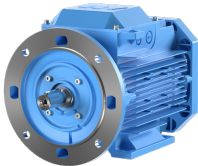


PRODUCT-DETAILS

3GAA131270-HDE

IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA131270-HDE)



General Information	
Product ID	3GAA131270-HDE
ABB Type Designation	M3AA 132SMG 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 15 kW, 400 V (3GAA131270-HDE)

Ordering	
ABB Type Designation	M3AA 132SMG 2
Invoice Description	M3AA 132SMG 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA2__M3AA_IE2_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	15kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA131270-HDE)
Short Description	15kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB35/IM2001

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	2905 r/min	15.80 A	0.840	90.40 %	49.30 N-m	9.10
D	--	50 Hz	400 V	15.00 kW	2905 r/min	28.50 A	0.840	90.40 %	49.30 N-m	9.10
D	--	60 Hz	460 V	15.00 kW	3510 r/min	23.60 A	0.890	90.70 %	40.70 N-m	9.50
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 IE2 Full Load (100%) 90.4 % Partial Load (75%) 90.8 % Partial Load (50%) 90.0 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 90.7 % Partial Load (75%) 90.4 % Partial Load (50%) 88.8 %
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	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	487 mm
Product Net Height	296 mm
Product Net Width	262 mm
Product Net Weight	81 kg
Gross Weight	86 kg

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

Classifications	
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

