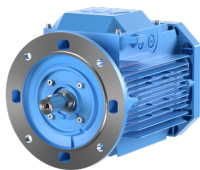




PRODUCT-DETAILS

3GAA132330-EDK843

IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132330-EDK843)



General Information	
Product ID	3GAA132330-EDK843
ABB Type Designation	M3AA 132MC 4
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132330-EDK843)

Ordering	
ABB Type Designation	M3AA 132MC 4
Invoice Description	M3AA 132MC 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	Poland (PL)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA132330-EDK843)
Short Description	7.5kW, 4P, 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	7.50 kW	1464 r/min	8.50 A	0.810	90.40 %	48.90 N·m	7.70	
D	--	50 Hz	400 V	7.50 kW	1464 r/min	14.70 A	0.810	90.40 %	48.90 N·m	7.70	
Y	--	50 Hz	660 V	7.50 kW	1456 r/min	8.80 A	0.830	90.40 %	49.10 N·m	7.10	
D	--	50 Hz	380 V	7.50 kW	1456 r/min	15.30 A	0.830	90.40 %	49.10 N·m	7.10	
D	--	50 Hz	415 V	7.50 kW	1465 r/min	14.40 A	0.790	90.40 %	48.80 N·m	8.20	
Connection Configuration										D	
Temperature Class Default										--	
Input Voltage (U _{in})										400 V	
Frequency (f)										50 Hz	
Output Power										7.5 kW	
Altitude										1000 m	
Ambient Temperature										40 °C	
IC Class										IC411	
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 90.4 % Partial Load (75%) 90.5 % Partial Load (50%) 90.1 %	
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.6 % Partial Load (50%) 90.8 %	
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										D	
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 /										487 mm	

Length	
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	68 kg
Gross Weight	73 kg

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

Classifications	
UNSPSC	26101100

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

