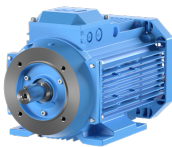




PRODUCT-DETAILS

# 3GAA101530-CSK843

## (3GAA101530-CSK843)



General Information	
Product ID	3GAA101530-CSK843
ABB Type Designation	M3AA 100LC 2
Catalog Description	(3GAA101530-CSK843)

Ordering	
ABB Type Designation	M3AA 100LC 2
Invoice Description	M3AA 100LC 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	Romania (RO)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	2896 r/min	5.40 A	0.900	87.10 %	9.80 N·m	8.40
D	--	50 Hz	230 V	3.00 kW	2896 r/min	9.40 A	0.900	87.10 %	9.80 N·m	8.40
Y	--	50 Hz	380 V	3.00 kW	2877 r/min	5.70 A	0.920	87.10 %	9.90 N·m	7.60
D	--	50 Hz	220 V	3.00 kW	2877 r/min	9.90 A	0.920	87.10 %	9.90 N·m	7.60
Y	--	50 Hz	415 V	3.00 kW	2906 r/min	5.20 A	0.900	87.10 %	9.80 N·m	9.00
Temperature Class										
Default										
Altitude										
1000 m										
Ambient Temperature										
40 °C										
IC Class										
IC411										
IE Class Data (50 Hz)										
IE Class IE3										
Full Load (100%) 87.1 %										
Partial Load (75%) 87.8 %										
Partial Load (50%) 87.2 %										
IE Class Data (60 Hz)										
IE Class IE3										
Full Load (100%) 88.5 %										
Partial Load (75%) 88.7 %										
Partial Load (50%) 87.3 %										
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										
S										

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	28 kg
Gross Weight	33 kg

Environmental

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

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UNSPSC

26101100

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**Categories**

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

