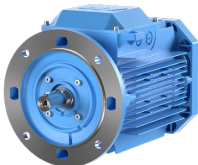


PRODUCT-DETAILS

# 3GAA114330-BDK

## (3GAA114330-BDK)



General Information	
Product ID	3GAA114330-BDK
ABB Type Designation	M3AA 112MC 8
Catalog Description	(3GAA114330-BDK)

Ordering	
ABB Type Designation	M3AA 112MC 8
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	85015220
Medium Description	1.5kW, 8 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA114330-BDK)
Short Description	1.5kW, 8P, Frame Size 112, 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	1.50 kW	717 r/min	2.38 A	0.620	79.70 %	19.90 N-m	4.30
D	--	50 Hz	400 V	1.50 kW	717 r/min	4.12 A	0.620	79.70 %	19.90 N-m	4.30
Y	--	50 Hz	660 V	1.50 kW	712 r/min	2.41 A	0.650	79.70 %	20.10 N-m	4.00
D	--	50 Hz	380 V	1.50 kW	712 r/min	4.17 A	0.650	79.70 %	20.10 N-m	4.00
D	--	50 Hz	415 V	1.50 kW	723 r/min	4.08 A	0.600	79.70 %	19.80 N-m	4.50
D	--	60 Hz	460 V	1.50 kW	872 r/min	3.70 A	0.580	84.00 %	16.40 N-m	4.70
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 79.7 % Partial Load (75%) 79.5 % Partial Load (50%) 77.6 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 84.0 % Partial Load (75%) 83.6 % Partial Load (50%) 81.3 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										8
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	43 kg
Gross Weight	48 kg

Classifications

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

