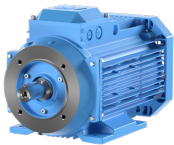




PRODUCT-DETAILS

3GAA081320-ASK122
(3GAA081320-ASK122)



General Information	
Product ID	3GAA081320-ASK122
ABB Type Designation	M3AA 80MB 2
Catalog Description	(3GAA081320-ASK122)

Ordering	
ABB Type Designation	M3AA 80MB 2
Invoice Description	M3AA 80MB 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) China (CN)
Customs Tariff Number	85015100
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	0.75 kW	2894 r/min	1.74 A	0.740	80.70 %	2.40 N·m	7.90
D	--	50 Hz	230 V	0.75 kW	2894 r/min	3.00 A	0.740	80.70 %	2.40 N·m	7.90
Y	--	50 Hz	380 V	0.75 kW	2876 r/min	1.74 A	0.780	80.70 %	2.40 N·m	7.50
D	--	50 Hz	220 V	0.75 kW	2876 r/min	3.00 A	0.780	80.70 %	2.40 N·m	7.50
Y	--	50 Hz	415 V	0.75 kW	2900 r/min	1.74 A	0.720	80.70 %	2.40 N·m	8.20
Y	--	60 Hz	460 V	0.75 kW	3502 r/min	1.56 A	0.720	77.00 %	2.00 N·m	8.90
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 80.7 % Partial Load (75%) 79.0 % Partial Load (50%) 75.6 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 77.0 % Partial Load (75%) 75.1 % Partial Load (50%) 69.9 %
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	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	9.5 kg
Gross Weight	12.5 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

