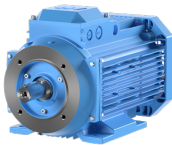


PRODUCT-DETAILS

3GAA081320-BSK053  
(3GAA081320-BSK053)



General Information	
Product ID	3GAA081320-BSK053
ABB Type Designation	M3AA 80MB 2
Catalog Description	(3GAA081320-BSK053)

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

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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

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

Classifications

UNSPSC	26101100
--------	----------

---

## Categories

---

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

