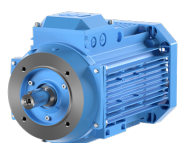


PRODUCT-DETAILS

# 3GAA081320-CSK

IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA081320-CSK)



## General Information

Product ID	3GAA081320-CSK
ABB Type Designation	M3AA 80MB 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA081320-CSK)

## Additional Information

ABB Type Designation	M3AA 80MB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	Y
Country of Origin	China (CN) Finland (FI) Poland (PL)
Customs Tariff Number	85015100
Direction of Rotation	Both sides
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

Frame Material	Aluminum
Frame Size	80
Frequency (f)	50 Hz
Gross Weight	12.5 kg
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 %
IM Class	IMB14 IM3601
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80MB 2
IP Class	IP55
Made To Order	No
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA081320-CSK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA081320-BSK
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	265.5 mm
Product Net Height	193.5 mm
Product Net Weight	9.5 kg
Product Net Width	154 mm
Product Type	3AA3_M3AA_IE3_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1

UNSPSC	26101100
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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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

