

PRODUCT-DETAILS

# 3GAA081320-APK

## (3GAA081320-APK)

"No longer for sale" replaced by 3GAA081320-



### General Information

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

### 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	Finland (FI) Poland (PL)
Customs Tariff Number	85015100

### Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	200 V	0.75 kW	2894 r/min	3.48 A	0.740	83.10 %	2.40 N·m	7.90
D	--	60 Hz	230 V	0.75 kW	3502 r/min	3.10 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%) 83.1 % Partial Load (75%) 82.8 % Partial Load (50%) 80.0 %
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
Voltage Code										P

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)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

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

---

## Categories

---

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

