

PRODUCT-DETAILS

3GAA081320-JPK

(3GAA081320-JPK)



General Information

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

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 Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
IM Class	IMB34 IM2101
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)

Categories

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

