

PRODUCT-DETAILS

# 3GAA081612-BDJ

## M3AA 80B 2



### General Information

Product ID	3GAA081612-BDJ
ABB Type Designation	M3AA 80B 2
Catalog Description	M3AA 80B 2

### Additional Information

ABB Type Designation	M3AA 80B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Sweden (SE) Romania (RO) Poland (PL)
Customs Tariff Number	85015100
Direction of Rotation	Both sides

#### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	400 V	0.75 kW	2884 r/min	1.75 A	0.760
Y	--	50 Hz	690 V	0.75 kW	2882 r/min	1.00 A	0.770
D	--	50 Hz	415 V	0.75 kW	2892 r/min	1.82 A	0.710

Gross Weight	0 kg
IC Class	IC411

IE Class Data (50 Hz)

IE Class IE3  
 Full Load (100%) 80.7 %  
 Partial Load (75%) 80.0 %  
 Partial Load (50%) 76.4 %

IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 80B 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	0 kg
Product Type	3AA0_M3AA_AA
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Central Stock Europe
Temperature Class Default	--
Temperature Rise	80 K
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

---

## Categories

---

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

