

PRODUCT-DETAILS

3GAA081212-BSE

M2AA 80B 2



General Information

Product ID	3GAA081212-BSE
ABB Type Designation	M2AA 80B 2
Catalog Description	M2AA 80B 2

Additional Information

ABB Type Designation	M2AA 80B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Poland (PL) China (CN)
Customs Tariff Number	85015100
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency
D	--	50 Hz	230 V	0.75 kW	2895 r/min	2.90 A	0.790	80.60 %
Y	--	50 Hz	400 V	0.75 kW	2895 r/min	1.70 A	0.790	80.60 %
Y	--	60 Hz	460 V	0.75 kW	3505 r/min	1.42 A	0.800	82.50 %

Gross Weight	10.5 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 80.6 % Partial Load (75%) 80.4 % Partial Load (50%) 77.3 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 82.5 % Partial Load (75%) 81.4 % Partial Load (50%) 77.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 80B 2
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00090 kg/m³
Number of Poles (High)	2
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	10.5 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Selling Unit of Measure	piece
Sound dB (A)	60 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
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)

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors



