

PRODUCT-DETAILS

3GAA083002-ADE

M2AA 80B 6



General Information

Product ID	3GAA083002-ADE
ABB Type Designation	M2AA 80B 6
Catalog Description	M2AA 80B 6

Additional Information

ABB Type Designation	M2AA 80B 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Italy (IT) China (CN)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	0.55 kW	905 r/min	1.58 A	0.730	68.70 %	5.80 N·m	3.30
D	--	60 Hz	460 V	0.55 kW	1120 r/min	1.36 A	0.680	74.60 %	4.60 N·m	4.00

Gross Weight	13 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 68.7 %

	Partial Load (75%) 71.8 % Partial Load (50%) 69.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 74.6 % Partial Load (75%) 75.0 % Partial Load (50%) 71.7 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 80B 6
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00260 kg/m³
Number of Poles (High)	6
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	10 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA083062-BSA 3GVA083002-ADC
Selling Unit of Measure	piece
Sound dB (A)	47 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
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



