

PRODUCT-DETAILS

3GAA083001-BSE

M2AA 80A 6



General Information

Product ID	3GAA083001-BSE
ABB Type Designation	M2AA 80A 6
Catalog Description	M2AA 80A 6

Additional Information

ABB Type Designation	M2AA 80A 6
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

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	60 Hz	460 V	0.37 kW	1125 r/min	0.91 A	0.690	73.40 %	3.10 N·m	4.30
D	--	50 Hz	230 V	0.37 kW	905 r/min	1.85 A	0.730	68.00 %	3.90 N·m	3.60
Y	--	50 Hz	400 V	0.37 kW	905 r/min	1.07 A	0.730	68.00 %	3.90 N·m	3.60

Gross Weight	12 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 70.7 % Partial Load (50%) 68.3 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 73.4 % Partial Load (75%) 73.5 % Partial Load (50%) 69.8 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 80A 6
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00200 kg/m³
Number of Poles (High)	6
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	9 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA083001-ASV 3GVA083001-ASA 3GVA083001-BSC 3GAA083001-ASA 3GVA083001-ASAS 3GAA083061-BSA 3GVA083001-ASB
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 Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	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

