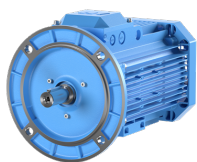


PRODUCT-DETAILS

3GAA083312-BSE

IE2 High Efficiency Aluminum Motors, 0.55 kW, 400 V (3GAA083312-BSE)



General Information

Product ID	3GAA083312-BSE
ABB Type Designation	M3AA 80B 6
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.55 kW, 400 V (3GAA083312-BSE)

Additional Information

ABB Type Designation	M3AA 80B 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	Y
Country of Origin	China (CN) Romania (RO)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.55 kW	905 r/min	1.58 A	0.730	68.70 %	5.80 N-m	3.30
D	--	50 Hz	230 V	0.55 kW	905 r/min	2.74 A	0.730	68.70 %	5.80 N-m	3.30
Y	--	60 Hz	460 V	0.55 kW	1120 r/min	1.36 A	0.680	74.60 %	4.60 N-m	4.00

Frame Material	Aluminum
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Frame Size	80
Frequency (f)	50 Hz
Gross Weight	13 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 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	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80B 6
IP Class	IP55
Lubrication	For life
Made To Order	No
Medium Description	0.55kW, 6 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA083312-BSE)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	0.55 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	292.5 mm
Product Net Height	193.5 mm
Product Net Weight	10 kg
Product Net Width	154 mm
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.55kW, 6P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany 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 → Process Performance Motors → IE2 High Efficiency Aluminum Motors

