



PRODUCT-DETAILS

3GAA111001-BDA

M2AA; AA Aluminium motor; D; 2 poles; IMB5
IM3001

General Information

Product ID	3GAA111001-BDA
ABB Type Designation	M2AA 112M
Catalog Description	M2AA; AA Aluminium motor; D; 2 poles; IMB5 IM3001

Additional Information

ABB Type Designation	M2AA 112M
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Core Credit	0.00
Country of Origin	Sweden (SE)
Customs Tariff Number	85015220
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	tE	IS/IN
D	--	50 Hz	380-420 V	4.00 kW	2850 r/min	7.80 A	0.910	0.00 %	0.00 N·m	0	0.00
Y	--	50 Hz	660-690 V	4.00 kW	2850 r/min	4.50 A	0.910	0.00 %	0.00 N·m	0	0.00
D	--	60 Hz	440-480 V	4.60 kW	3450 r/min	7.70 A	0.910	0.00 %	0.00 N·m	0	0.00

Enclosure Material	AA Aluminium motor
Frequency (f)	50 Hz
Gross Weight	26.000 kg
IC Class	IC411
IM Class	IMB5 IM3001
IP Class	IP 55
Input Voltage (U _{in})	380...420 V
Insulation Class	ICLF
Made To Order	No
Minimum Order Quantity	1.000 piece
Moment of Inertia	0.00000 kg/m ³
Motor Type	M2AA

Mounting Type	IMB5 IM3001
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	single speed motor
Output Power	4 kW
Part Type	New
Product Name	3-Phase squirrel cage motor
Product Net Weight	25.000 kg
Quote Only	No
Replaced Product ID (OLD)	MK142031-BD
Rotational Speed	2850 r/min
Selling Unit of Measure	piece
Service Factor	0.00
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Västerås, Sweden Wickliffe, Ohio, United States
Technical Information	AC MOTOR,M2AA112M-2,B5
Temperature Class Default	--
Temperature Rise Class	TCLB
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

- Motors and Generators → IEC Low Voltage AC Motors → Brake Motors
- Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors
- Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine General Performance Motors