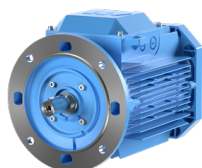




PRODUCT-DETAILS

3GAA132320-BDK

IE3 Premium Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA132320-BDK)

**General Information**

Product ID:	3GAA132320-BDK
ABB Type Designation:	M3AA 132MB 4
Catalog Description:	IE3 Premium Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA132320-BDK)
Display Name:	3GAA132320-BDK

Ordering

ABB Type Designation:	M3AA 132MB 4
Invoice Description:	M3AA 132MB 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3AA3__M3AA_IE3_AA
Country of Origin:	China Finland
Customs Tariff Number:	85015220

Stocked At (Warehouses):	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Medium Description:	5.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA132320-BDK)
Short Description:	5.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	1464 r/min	6.60 A	0.780	89.60 %	35.90 N·m	7.00
D	--	50 Hz	400 V	5.50 kW	1464 r/min	11.40 A	0.780	89.60 %	35.90 N·m	7.00
Y	--	50 Hz	660 V	5.50 kW	1458 r/min	6.70 A	0.800	89.60 %	36.00 N·m	6.50
D	--	50 Hz	380 V	5.50 kW	1458 r/min	11.70 A	0.800	89.60 %	36.00 N·m	6.40
D	--	50 Hz	415 V	5.50 kW	1467 r/min	11.40 A	0.750	89.60 %	35.80 N·m	7.40
D	--	60 Hz	460 V	5.50 kW	1769 r/min	10.00 A	0.750	91.70 %	29.70 N·m	8.00

Connection Configuration:	D
Temperature Class Default:	--
Input Voltage (U_{in}):	400 V
Frequency (f):	50 Hz
Output Power:	5.5 kW
Altitude:	1000 m
Ambient Temperature:	40 °C
IC Class:	IC411
IE Class Data (50 Hz):	IE Class IE3 Full Load (100%) 89.6 % Partial Load (75%) 89.8 % Partial Load (50%) 88.6 %
IE Class Data (60 Hz):	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.8 % Partial Load (50%) 90.7 %
IP Class:	IP55
Insulation Class:	ICLF
Direction of Rotation:	Both sides
Number of Poles (High):	4
Two Speed Motor:	No
Type of Duty:	S1
Voltage Code:	D

Mechanical

Frame Material:	Aluminum
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Frame Size:	132
Bearing:	6208-2Z/C3
Bearing NDE:	6206-2Z/C3
IM Class:	IMB5 IM3001
Terminator Box Location:	D-End top

Dimensions

Product Net Depth / Length:	487 mm
Product Net Height:	298 mm
Product Net Width:	262 mm
Product Net Weight:	68 kg
Gross Weight:	73 kg

Environmental

WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP:	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland

External Classifications and Standards

UNSPSC:	26101100
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Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE3 Premium Efficiency Aluminum Motors

