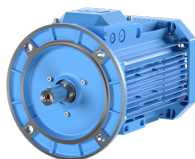


PRODUCT-DETAILS

# 3GAA103560-BDK

## IE3 Premium Efficiency Aluminum Motor, 1.5 kW, 400 V (3GAA103560-BDK)



### General Information

Product ID	3GAA103560-BDK
ABB Type Designation	M3AA 100LF 6
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 1.5 kW, 400 V (3GAA103560-BDK)

### Additional Information

ABB Type Designation	M3AA 100LF 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Direction of Rotation	Both sides

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.50 kW	969 r/min	2.18 A	0.650	82.50 %	14.80 N·m	7.00
D	--	50 Hz	400 V	1.50 kW	969 r/min	3.77 A	0.650	82.50 %	14.80 N·m	7.00
Y	--	50 Hz	660 V	1.50 kW	966 r/min	2.18 A	0.680	82.50 %	14.85 N·m	6.60
D	--	50 Hz	380 V	1.50 kW	966 r/min	3.79 A	0.680	82.50 %	14.85 N·m	6.60
D	--	50 Hz	415 V	1.50 kW	971 r/min	3.81 A	0.620	82.50 %	14.77 N·m	7.20
D	--	60 Hz	460 V	1.50 kW	1171 r/min	3.47 A	0.610	88.50 %	12.25 N·m	7.70

Frame Material	Aluminum
Frame Size	100
Frequency (f)	50 Hz
Gross Weight	40 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 81.0 % Partial Load (50%) 76.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 88.5 % Partial Load (75%) 87.1 % Partial Load (50%) 83.7 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 100LF 6
IP Class	IP55
Made To Order	No
Medium Description	1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA103560-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	1.5 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	432 mm
Product Net Height	237 mm
Product Net Weight	35 kg
Product Net Width	200 mm
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	1.5kW, 6P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End 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)

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## Categories

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

