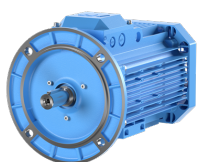


PRODUCT-DETAILS

3GAA091520-BDK

IE3 Premium Efficiency Aluminum Motor, 1.5 kW, 400 V (3GAA091520-BDK)



General Information

Product ID	3GAA091520-BDK
ABB Type Designation	M3AA 90LB 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 1.5 kW, 400 V (3GAA091520-BDK)

Additional Information

ABB Type Designation	M3AA 90LB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) Romania (RO)
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	2906 r/min	1.62 A	0.890	84.20 %	4.90 N·m	7.90
D	--	50 Hz	400 V	1.50 kW	2906 r/min	2.80 A	0.890	84.20 %	4.90 N·m	7.90
Y	--	50 Hz	660 V	1.50 kW	2894 r/min	1.67 A	0.900	84.20 %	4.90 N·m	7.30
D	--	50 Hz	380 V	1.50 kW	2894 r/min	2.89 A	0.900	84.20 %	4.90 N·m	7.30
D	--	50 Hz	415 V	1.50 kW	2914 r/min	2.70 A	0.880	84.20 %	4.90 N·m	8.50
D	--	60 Hz	460 V	1.50 kW	3522 r/min	2.40 A	0.880	85.50 %	4.00 N·m	9.60

Frame Material	Aluminum
Frame Size	90
Frequency (f)	50 Hz
Gross Weight	20 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 84.2 % Partial Load (75%) 84.7 % Partial Load (50%) 84.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 85.5 % Partial Load (75%) 85.3 % Partial Load (50%) 84.0 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 90LB 2
IP Class	IP55
Made To Order	No
Medium Description	1.5kW, 2 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA091520-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
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	331.5 mm
Product Net Height	217 mm
Product Net Weight	17 kg
Product Net Width	170 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, 2P, Frame Size 90, 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)

Categories

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

