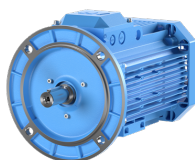

PRODUCT-DETAILS

3GAA081320-BDK

IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA081320-BDK)



General Information

Product ID	3GAA081320-BDK
ABB Type Designation	M3AA 80MB 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA081320-BDK)

Additional Information

ABB Type Designation	M3AA 80MB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	D
Country of Origin	Romania (RO)
Customs Tariff Number	85015100
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	0.75 kW	2894 r/min	0.98 A	0.740	80.70 %	2.40 N-m	7.90
D	--	50 Hz	400 V	0.75 kW	2894 r/min	1.70 A	0.740	80.70 %	2.40 N-m	7.90
Y	--	50 Hz	660 V	0.75 kW	2876 r/min	1.00 A	0.780	80.70 %	2.40 N-m	7.50
D	--	50 Hz	380 V	0.75 kW	2876 r/min	1.74 A	0.780	80.70 %	2.40 N-m	7.50
D	--	50 Hz	415 V	0.75 kW	2900 r/min	1.74 A	0.720	80.70 %	2.40 N-m	8.20
D	--	60 Hz	460 V	0.75 kW	3502 r/min	1.56 A	0.720	77.00 %	2.00 N-m	8.90

Frame Material	Aluminum
Frame Size	80
Frequency (f)	50 Hz
Gross Weight	12.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 80.7 % Partial Load (75%) 79.1 % Partial Load (50%) 75.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 77.0 % Partial Load (75%) 75.2 % Partial Load (50%) 70.0 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80MB 2
IP Class	IP55
Made To Order	No
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IC411 Enclosure, IMB5/IM3001 Mounting, (3GAA081320-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	265.5 mm
Product Net Height	193.5 mm
Product Net Weight	9.5 kg
Product Net Width	154 mm
Product Type	3AA3_M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA081320-BPK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IC411, 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

