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PRODUCT-DETAILS

# 3GAA162420-BDK

## M3AA 160MLB 4



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### General Information

Product ID	3GAA162420-BDK
ABB Type Designation	M3AA 160MLB 4
Catalog Description	M3AA 160MLB 4

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### Additional Information

ABB Type Designation	M3AA 160MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Poland (PL) Finland (FI) China (CN)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Efficiency Factor	Torque	IS/IN
Y	--	50 Hz	690 V	15.00 kW	1474 r/min	16.80 A	0.810	92.10 % 97.19 N·m	7.80
D	--	50 Hz	400 V	15.00 kW	1474 r/min	29.00 A	0.810	92.10 % 97.15 N·m	7.80
Y	--	50 Hz	660 V	15.00 kW	1470 r/min	17.30 A	0.820	92.10 % 97.43 N·m	7.10
D	--	50 Hz	380 V	15.00 kW	1470 r/min	30.10 A	0.820	92.10 % 97.44 N·m	7.10
D	--	50 Hz	415 V	15.00 kW	1476 r/min	28.60 A	0.790	92.10 % 97.02 N·m	8.40
D	--	60 Hz	460 V	15.00 kW	1777 r/min	25.70 A	0.790	93.00 % 80.59 N·m	8.90

Gross Weight	150 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.1 % Partial Load (75%) 92.0 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.0 % Partial Load (75%) 92.6 % Partial Load (50%) 91.2 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 160MLB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	140 kg
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA162052-BDK
Selling Unit of Measure	piece
Stocked At (Warehouses)	Central Stock Europe Central Stock Spain
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

## Categories

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

