

# 3GAA162420-ADG



M3AA 160MLB 4



## General Information

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

## 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	Spain (ES) Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015230
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	15.00 kW	1470 r/min	16.50 A	0.830	91.40 %	97.40 N·m	7.10
Y	--	50 Hz	690 V	15.00 kW	1470 r/min	16.50 A	0.830	91.40 %	97.40 N·m	7.10
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Y	--	50 Hz	690 V	15.00 kW	1470 r/min	16.50 A	0.830	91.40 %	97.40 N·m	7.10
D	--	50 Hz	400 V	15.00 kW	1470 r/min	28.50 A	0.830	91.40 %	97.40 N·m	7.10
D	--	50 Hz	400 V	15.00 kW	1470 r/min	28.50 A	0.830	91.40 %	97.40 N·m	7.10
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D	--	50 Hz	400 V	15.00 kW	1470 r/min	28.50 A	0.830	91.40 %	97.40 N·m	7.10
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	50 Hz	415 V	15.00 kW	1473 r/min	27.70 A	0.820	91.60 %	97.40 N·m	7.50
D	--	60 Hz	440 V	15.00 kW	1772 r/min	25.10 A	0.850	92.00 %	80.80 N·m	7.50
D	--	60 Hz	440 V	15.00 kW	1772 r/min	25.10 A	0.850	92.00 %	80.80 N·m	7.50
D	--	60 Hz	440 V	15.00 kW	1772 r/min	25.10 A	0.850	92.00 %	80.80 N·m	7.50
D	--	60 Hz	440 V	15.00 kW	1772 r/min	25.10 A	0.850	92.00 %	80.80 N·m	7.50
D	--	60 Hz	440 V	15.00 kW	1772 r/min	25.10 A	0.850	92.00 %	80.80 N·m	7.50
D	--	60 Hz	460 V	15.00 kW	1775 r/min	24.60 A	0.830	92.20 %	80.60 N·m	8.00
D	--	60 Hz	460 V	15.00 kW	1775 r/min	24.60 A	0.830	92.20 %	80.60 N·m	8.00
D	--	60 Hz	460 V	15.00 kW	1775 r/min	24.60 A	0.830	92.20 %	80.60 N·m	8.00
D	--	60 Hz	460 V	15.00 kW	1775 r/min	24.60 A	0.830	92.20 %	80.60 N·m	8.00
D	--	60 Hz	460 V	15.00 kW	1775 r/min	24.60 A	0.830	92.20 %	80.60 N·m	8.00

Gross Weight 128 kg

IC Class IC411

IE Class Data (50 Hz) IE Class IE2  
Full Load (100%) 91.4 %  
Partial Load (75%) 92.4 %  
Partial Load (50%) 92.2 %

IE Class Data (60 Hz) IE Class IE2  
Full Load (100%) 92.0 %  
Partial Load (75%) 92.4 %  
Partial Load (50%) 91.7 %

IM Class IMB3 IM1001

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	118 kg
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA162032-ADG
Selling Unit of Measure	piece
Stocked At (Warehouses)	Central Stock Europe Central Stock Nordic Central Stock Spain
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

