

PRODUCT-DETAILS

3GAA162440-BDG

M3AA 160MLD 4



General Information

Product ID	3GAA162440-BDG
ABB Type Designation	M3AA 160MLD 4
Catalog Description	M3AA 160MLD 4

Additional Information

ABB Type Designation	M3AA 160MLD 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	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	22.00 kW	1464 r/min	24.10 A	0.850	91.60 %	143.00 N·m	6.90
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Y	--	50 Hz	690 V	22.00 kW	1464 r/min	24.10 A	0.850	91.60 %	143.00 N·m	6.90
D	--	50 Hz	400 V	22.00 kW	1464 r/min	41.30 A	0.850	91.60 %	143.00 N·m	6.90
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D	--	50 Hz	400 V	22.00 kW	1464 r/min	41.30 A	0.850	91.60 %	143.00 N·m	6.90
D	--	50 Hz	415 V	22.00 kW	1467 r/min	40.40 A	0.840	91.60 %	143.00 N·m	7.30
D	--	50 Hz	415 V	22.00 kW	1467 r/min	40.40 A	0.840	91.60 %	143.00 N·m	7.30
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D	--	50 Hz	415 V	22.00 kW	1467 r/min	40.40 A	0.840	91.60 %	143.00 N·m	7.30
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	440 V	22.00 kW	1766 r/min	36.70 A	0.850	92.30 %	118.00 N·m	7.20
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80
D	--	60 Hz	460 V	22.00 kW	1770 r/min	35.40 A	0.840	92.50 %	118.00 N·m	7.80

Gross Weight 150 kg

IC Class IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.6 % Partial Load (75%) 92.3 % Partial Load (50%) 92.0 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 92.3 % Partial Load (75%) 93.2 % Partial Load (50%) 92.8 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 160MLD 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	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA162034-BDG
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
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 → IE2 High Efficiency Aluminum Motors



