

PRODUCT-DETAILS

3GAA163420-BDG

M3AA 160MLB 6



General Information

Product ID	3GAA163420-BDG
ABB Type Designation	M3AA 160MLB 6
Catalog Description	M3AA 160MLB 6

Additional Information

ABB Type Designation	M3AA 160MLB 6
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	11.00 kW	972 r/min	13.00 A	0.790	89.30 %	108.00 N·m	7.50
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Y	--	50 Hz	690 V	11.00 kW	972 r/min	13.00 A	0.790	89.30 %	108.00 N·m	7.50
D	--	50 Hz	400 V	11.00 kW	972 r/min	22.50 A	0.790	89.30 %	108.00 N·m	7.50
D	--	50 Hz	400 V	11.00 kW	972 r/min	22.50 A	0.790	89.30 %	108.00 N·m	7.50
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D	--	50 Hz	400 V	11.00 kW	972 r/min	22.50 A	0.790	89.30 %	108.00 N·m	7.50
D	--	50 Hz	415 V	11.00 kW	975 r/min	22.10 A	0.770	89.60 %	108.00 N·m	8.00
D	--	50 Hz	415 V	11.00 kW	975 r/min	22.10 A	0.770	89.60 %	108.00 N·m	8.00
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D	--	50 Hz	415 V	11.00 kW	975 r/min	22.10 A	0.770	89.60 %	108.00 N·m	8.00
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	440 V	11.00 kW	1174 r/min	20.20 A	0.790	90.10 %	89.40 N·m	7.80
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40
D	--	60 Hz	460 V	11.00 kW	1177 r/min	19.80 A	0.770	90.40 %	89.20 N·m	8.40

Gross Weight 135 kg

IC Class IC411

IE Class Data (50 Hz) IE Class IE2
Full Load (100%) 89.3 %
Partial Load (75%) 90.6 %
Partial Load (50%) 90.5 %

IE Class Data (60 Hz) IE Class IE1
Full Load (100%) 90.1 %
Partial Load (75%) 90.9 %
Partial Load (50%) 90.2 %

IM Class IMB5 IM3001

IP Class IP55

Insulation Class	ICLF
Invoice Description	M3AA 160MLB 6
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	125 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA163032-BDG 3GAA163062-BDA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
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	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

