

PRODUCT-DETAILS

3GAA162430-HDG

M3AA 160MLC 4



General Information

Product ID	3GAA162430-HDG
ABB Type Designation	M3AA 160MLC 4
Catalog Description	M3AA 160MLC 4

Additional Information

ABB Type Designation	M3AA 160MLC 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Finland (FI) 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	18.50 kW	1469 r/min	20.10 A	0.840	91.40 %	120.00 N·m	7.60
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Y	--	50 Hz	690 V	18.50 kW	1469 r/min	20.10 A	0.840	91.40 %	120.00 N·m	7.60
D	--	50 Hz	400 V	18.50 kW	1469 r/min	34.70 A	0.840	91.40 %	120.00 N·m	7.60
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D	--	50 Hz	400 V	18.50 kW	1469 r/min	34.70 A	0.840	91.40 %	120.00 N·m	7.60
D	--	50 Hz	415 V	18.50 kW	1472 r/min	34.20 A	0.820	91.70 %	120.00 N·m	7.10
D	--	50 Hz	415 V	18.50 kW	1472 r/min	34.20 A	0.820	91.70 %	120.00 N·m	7.10
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D	--	50 Hz	415 V	18.50 kW	1472 r/min	34.20 A	0.820	91.70 %	120.00 N·m	7.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	440 V	18.50 kW	1771 r/min	30.90 A	0.850	92.30 %	99.70 N·m	8.10
D	--	60 Hz	460 V	18.50 kW	1774 r/min	30.20 A	0.830	92.40 %	99.50 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	1774 r/min	30.20 A	0.830	92.40 %	99.50 N·m	8.70
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Gross Weight 137 kg

IC Class IC411

IE Class Data (50 Hz) IE Class IE2
Full Load (100%) 91.4 %
Partial Load (75%) 92.5 %
Partial Load (50%) 92.3 %

IE Class Data (60 Hz) IE Class IE1

	Full Load (100%) 92.3 % Partial Load (75%) 92.8 % Partial Load (50%) 92.3 %
IM Class	IMB35 IM2001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 160MLC 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)
Pre Modified Motor	3GAA162430-ADG
Product ID	
Product Name	3-Phase squirrel cage motor
Product Net Weight	127 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA162033-HDG
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



