
PRODUCT-DETAILS

3GAA161430-BDG

(3GAA161430-BDG)



General Information

Product ID	3GAA161430-BDG
ABB Type Designation	M3AA 160MLC 2
Catalog Description	(3GAA161430-BDG)

Additional Information

ABB Type Designation	M3AA 160MLC 2
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	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
Y	--	50 Hz	690 V	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
Y	--	50 Hz	690 V	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
Y	--	50 Hz	690 V	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
Y	--	50 Hz	690 V	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
Y	--	50 Hz	690 V	18.50 kW	2932 r/min	18.30 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	400 V	18.50 kW	2932 r/min	31.50 A	0.920	92.00 %	60.20 N·m	7.50
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	50 Hz	415 V	18.50 kW	2938 r/min	30.70 A	0.900	92.10 %	60.20 N·m	8.00
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3536 r/min	28.60 A	0.920	92.20 %	49.90 N·m	7.90
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70
D	--	60 Hz	460 V	18.50 kW	3543 r/min	27.20 A	0.920	92.40 %	49.80 N·m	8.70

Frame Material

Aluminum

Frame Size

160

Gross Weight	133 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 92.0 % Partial Load (75%) 93.1 % Partial Load (50%) 93.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.2 % Partial Load (75%) 92.8 % Partial Load (50%) 92.3 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M3AA 160MLC 2
IP Class	IP55
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	123 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA161037-BDG
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



