

PRODUCT-DETAILS

3GAA161031-ADG

(3GAA161031-ADG)

"No longer for sale" replaced by 3GAA161410-



General Information

Product ID	3GAA161031-ADG
ABB Type Designation	M3AA 160MLA 2
Catalog Description	(3GAA161031-ADG)

Ordering

ABB Type Designation	M3AA 160MLA 2
Invoice Description	M3AA 160MLA 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Sweden (SE) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA161101-ADC

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	400 V	11.00 kW	2938 r/min	19.20 A	0.910
Y	--	50 Hz	690 V	11.00 kW	2938 r/min	11.10 A	0.910
D	--	50 Hz	415 V	11.00 kW	2943 r/min	18.70 A	0.900
D	--	60 Hz	460 V	11.00 kW	3547 r/min	16.70 A	0.900

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 90.7 % Partial Load (75%) 91.5 % Partial Load (50%) 91.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.4 % Partial Load (75%) 91.5 % Partial Load (50%) 90.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB3 IM1001

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	91 kg
Gross Weight	101 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

