



PRODUCT-DETAILS

3GAA163410-ADG

(3GAA163410-ADG)



General Information	
Product ID	3GAA163410-ADG
ABB Type Designation	M3AA 160MLA 6
Catalog Description	(3GAA163410-ADG)

Ordering	
ABB Type Designation	M3AA 160MLA 6
Invoice Description	M3AA 160MLA 6
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA163031-ADG
Stocked At	Menden, Germany

(Warehouses)

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	975 r/min	8.93 A	0.790	88.50 %	73.40 N-m	7.40
D	--	50 Hz	400 V	7.50 kW	975 r/min	15.40 A	0.790	88.50 %	73.40 N-m	7.40
D	--	50 Hz	415 V	7.50 kW	978 r/min	15.20 A	0.770	88.80 %	73.40 N-m	7.80
D	--	60 Hz	440 V	7.50 kW	1177 r/min	13.90 A	0.790	89.50 %	60.80 N-m	7.70
D	--	60 Hz	460 V	7.50 kW	1179 r/min	13.60 A	0.770	89.60 %	60.70 N-m	7.40
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 88.5 % Partial Load (75%) 89.8 % Partial Load (50%) 89.7 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 90.2 % Partial Load (50%) 89.4 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
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
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	98 kg
Gross Weight	108 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications	
UNSPSC	26101100

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

