



PRODUCT-DETAILS

3GAA161052-ADKAL03

(3GAA161052-ADKAL03)



General Information

Product ID	3GAA161052-ADKAL03
ABB Type Designation	M3AA 160MLB 2
Catalog Description	(3GAA161052-ADKAL03)

Ordering

ABB Type Designation	M3AA 160MLB 2
Invoice Description	M3AA 160MLB 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_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	85015230

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	60 Hz	480 V	15.00 kW	3561 r/min	21.60 A	0.890	91.00 %	40.20 N-m	10.60
D	--	50 Hz	380 V	15.00 kW	2935 r/min	26.50 A	0.930	92.20 %	48.60 N-m	7.60
D	--	50 Hz	415 V	15.00 kW	2948 r/min	24.70 A	0.910	93.10 %	48.60 N-m	9.00
D	--	60 Hz	380 V	15.00 kW	3527 r/min	26.70 A	0.930	91.60 %	40.58 N-m	6.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	55 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.2 % Partial Load (75%) 93.2 % Partial Load (50%) 93.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.2 % Partial Load (50%) 90.2 %
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
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	123 kg
Gross Weight	133 kg

Environmental

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

UNSPSC

26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

