

PRODUCT-DETAILS

3GAA161947-JDG

(3GAA161947-JDG)



General Information	
Product ID	3GAA161947-JDG
ABB Type Designation	M3AA 160MLB 2
Catalog Description	(3GAA161947-JDG)

Ordering	
ABB Type Designation	M3AA 160MLB 2
Invoice Description	M3AA 160MLB 2
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	Sweden (SE) Poland (PL)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA161101-KDDAL2
Stocked At (Warehouses)	Menden, Germany

Electrical							
Electrical Data							
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	380-420 V	12.50 kW	2910 r/min	23.30 A	0.900
Y	--	50 Hz	660-690 V	12.50 kW	2910 r/min	13.40 A	0.900
D	--	60 Hz	440-480 V	14.50 kW	3510 r/min	22.90 A	0.910
Temperature Class Default							--
Altitude							1000 m
Ambient Temperature							40 °C
IC Class							IC411
IE Class Data (50 Hz)							IE Class IE3 Full Load (100%) 92.1 % Partial Load (75%) 92.6 % Partial Load (50%) 92.1 %
IE Class Data (60 Hz)							IE Class IE3 Full Load (100%) 92.2 % Partial Load (75%) 92.4 % Partial Load (50%) 91.1 %
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	IM2111

Dimensions	
Package Level 1 Units	0 pallet (lift)
Product Net Weight	105 kg
Gross Weight	115 kg

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

Classifications	
Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

