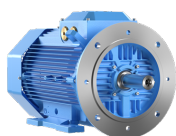


PRODUCT-DETAILS

3GAA189412-ADG

(3GAA189412-ADG)



General Information

Product ID	3GAA189412-ADG
ABB Type Designation	M3AA 180MLA 4/8
Catalog Description	(3GAA189412-ADG)

Ordering

ABB Type Designation	M3AA 180MLA 4/8
Invoice Description	M3AA 180MLA 4/8
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)
Customs Tariff Number	85015230
Replaced Product ID (OLD)	3GAA188226-ADG

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	14.00 kW	1487 r/min	29.20 A	0.780	88.60 %	90.00 N·m	8.50
Y	--	50 Hz	400 V	7.00 kW	739 r/min	24.10 A	0.510	82.00 %	90.00 N·m	3.90

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 82.0 % Partial Load (75%) 81.4 % Partial Load (50%) 77.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	Yes
Type of Duty	S1
Voltage Code	D

Mechanical	
Frame Material	Aluminum
Frame Size	180
Bearing	6310-2Z/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	177 kg
Gross Weight	187 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

