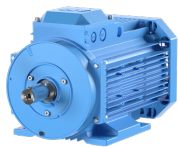


PRODUCT-DETAILS

3GAA109512-ADF

(3GAA109512-ADF)



General Information	
Product ID	3GAA109512-ADF
ABB Type Designation	M3AA 100LA 4/8
Catalog Description	(3GAA109512-ADF)

Ordering	
ABB Type Designation	M3AA 100LA 4/8
Invoice Description	M3AA 100LA 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) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA108217-ADE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.10 kW	1460 r/min	3.10 A	0.770	68.00 %	7.20 N·m	4.20
Y	--	50 Hz	400 V	0.55 kW	710 r/min	2.20 A	0.610	62.00 %	7.40 N·m	2.60

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
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	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	20 kg
Gross Weight	25 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

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

