

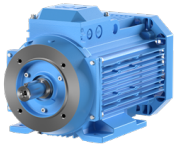


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**PRODUCT-DETAILS**

# 3GAA098500-ADF

## (3GAA098500-ADF)



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**General Information**

Product ID	3GAA098500-ADF
ABB Type Designation	M3AA 90L 6-12
Catalog Description	(3GAA098500-ADF)

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**Ordering**

ABB Type Designation	M3AA 90L 6-12
Invoice Description	M3AA 90L 6-12
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	85015220

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	0.75 kW	930 r/min	2.40 A	0.730	64.00 %	7.70 N-m	3.00
Y	--	50 Hz	400 V	0.12 kW	450 r/min	0.90 A	0.540	36.00 %	2.50 N-m	1.80

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 36.0 % Partial Load (75%) 28.0 % Partial Load (50%) 23.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	Yes
Type of Duty	S1
Voltage Code	D

## Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 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

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

