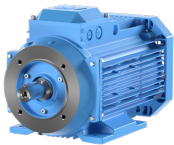


PRODUCT-DETAILS

# 3GAA098508-AHF

## (3GAA098508-AHF)



General Information	
Product ID	3GAA098508-AHF
ABB Type Designation	M3AA 90L 2-4
Catalog Description	(3GAA098508-AHF)

Ordering	
ABB Type Designation	M3AA 90L 2-4
Invoice Description	M3AA 90L 2-4
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	Poland (PL) Finland (FI) Romania (RO)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA098102-AHE
Stocked At	Sant Quirze del Vallés - BCN, Spain

(Warehouses)

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	2.20 kW	2860 r/min	4.40 A	0.880	80.00 %	7.30 N·m	5.90
Y	--	50 Hz	415 V	0.45 kW	1460 r/min	1.35 A	0.650	73.00 %	2.94 N·m	4.40

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 73.0 % Partial Load (75%) 65.3 % Partial Load (50%) 61.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	Yes
Type of Duty	S1
Voltage Code	H

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
--------	----------

---

## Categories

---

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

