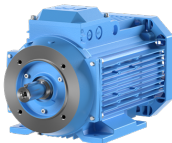


PRODUCT-DETAILS

3GAA098502-BHF
(3GAA098502-BHF)



General Information	
Product ID	3GAA098502-BHF
ABB Type Designation	M3AA 90L 4/8
Catalog Description	(3GAA098502-BHF)

Ordering	
ABB Type Designation	M3AA 90L 4/8
Invoice Description	M3AA 90L 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) Romania (RO) Poland (PL)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	1.40 kW	1420 r/min	3.30 A	0.810	74.00 %	9.40 N·m	4.50
Y	--	50 Hz	415 V	0.18 kW	710 r/min	1.10 A	0.600	41.00 %	2.40 N·m	2.30

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 41.0 % Partial Load (75%) 39.2 % Partial Load (50%) 30.8 %
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	H

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB5 IM3001
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

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

