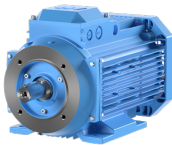


PRODUCT-DETAILS

3GAA099102-BDF
(3GAA099102-BDF)



General Information	
Product ID	3GAA099102-BDF
ABB Type Designation	M3AA 90S 4/8
Catalog Description	(3GAA099102-BDF)

Ordering	
ABB Type Designation	M3AA 90S 4/8
Invoice Description	M3AA 90S 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	85015100

Electrical	
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Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.55 kW	1450 r/min	1.90 A	0.780	62.00 %	3.60 N·m	4.20
Y	--	50 Hz	400 V	0.25 kW	700 r/min	1.20 A	0.590	51.00 %	3.40 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%) 51.0 % Partial Load (75%) 41.4 % Partial Load (50%) 35.0 %
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	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	13 kg
Gross Weight	16 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

