



PRODUCT-DETAILS

# 3GAA094001-BSE

No Description Available

"No longer for sale" replaced by 3GAA094100-

## General Information

Product ID	3GAA094001-BSE
ABB Type Designation	M3AA 90S 8
Catalog Description	No Description Available

## Ordering

ABB Type Designation	M3AA 90S 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	Poland (PL) China (CN) Sweden (SE)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA094001-BSA

## Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	695 r/min	1.65 A	0.570	56.10 %	5.08 N-m	2.70
D	--	50 Hz	230 V	0.37 kW	695 r/min	2.86 A	0.570	56.10 %	5.08 N-m	2.70
Y	--	60 Hz	460 V	0.37 kW	851 r/min	1.56 A	0.500	58.00 %	4.15 N-m	3.00

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 56.1 % Partial Load (75%) 55.3 % Partial Load (50%) 48.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 58.0 % Partial Load (75%) 55.6 % Partial Load (50%) 47.7 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	8
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

## Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

## Classifications

Standards	IEC 60034-1
UNSPSC	26101100

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors  
 Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors  
 Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors