



PRODUCT-DETAILS

3GAA094001-ADE

No Description Available

"No longer for sale" replaced by 3GAA094100-

General Information	
Product ID	3GAA094001-ADE
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	Spain (ES) China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA094001-ADA
Stocked At (Warehouses)	Shanghai, China

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.37 kW	695 r/min	0.95 A	0.570	56.10 %	5.08 N·m	2.70
D	--	50 Hz	400 V	0.37 kW	695 r/min	1.65 A	0.570	56.10 %	5.08 N·m	2.70
D	--	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	D

Mechanical	
Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
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	