



PRODUCT-DETAILS

3GAA098102-BDE

No Description Available

"No longer for sale" replaced by 3GAA098508-

General Information	
Product ID	3GAA098102-BDE
ABB Type Designation	M3AA 90L 2-4 v Dh
Catalog Description	No Description Available

Ordering	
ABB Type Designation	M3AA 90L 2-4 v Dh
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) Sweden (SE)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA098102-BDA

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
YY	--	50 Hz	400 V	2.20 kW	2860 r/min	4.60 A	0.880	80.00 %	7.30 N·m	5.90	
Y	--	50 Hz	400 V	0.45 kW	1460 r/min	1.40 A	0.650	73.00 %	2.90 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%) 38.0 %

	Partial Load (75%) 30.9 %
	Partial Load (50%) 26.5 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	2
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
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	16 kg
Gross Weight	16.48 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