



PRODUCT-DETAILS

3GAA138102-ADB  
M3AA 132S 4/8

General Information	
Product ID	3GAA138102-ADB
ABB Type Designation	M3AA 132S 4/8
Catalog Description	M3AA 132S 4/8

Ordering	
ABB Type Designation	M3AA 132S 4/8
Invoice Description	M3AA 132S 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	Spain (ES) Finland (FI) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA138231-ADB

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	4.00 kW	1465 r/min	8.20 A	0.830	84.00 %	26.10 N·m	6.50	
Y	--	50 Hz	400 V	0.60 kW	740 r/min	3.20 A	0.530	51.00 %	7.70 N·m	3.50	
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%)	85.5 %
Partial Load (50%)	32.5 %

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	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z-C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 carton
Product Net Weight	48 kg
Gross Weight	53 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 → Marine Motors → Marine General Performance Motors