



PRODUCT-DETAILS

3GAA092003-ASE

No Description Available

"No longer for sale" replaced by 3GAA092550-

General Information	
Product ID	3GAA092003-ASE
ABB Type Designation	M3AA 90L 4 HO
Catalog Description	No Description Available

Ordering	
ABB Type Designation	M3AA 90L 4 HO
Product Name	3-Phase squirrel cage motor
Product Type	3AA1__M3AA_IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Spain (ES) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA092003-ASA

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	1.85 kW	1410 r/min	7.60 A	0.760	79.70 %	12.50 N·m	5.30
Y	--	50 Hz	400 V	1.85 kW	1410 r/min	4.40 A	0.760	79.70 %	12.50 N·m	5.30
Y	--	60 Hz	460 V	1.85 kW	1695 r/min	3.70 A	0.740	83.70 %	10.40 N·m	5.40
Temperature Class										
Default										
Altitude										
1000 m										
Ambient Temperature										
40 °C										
IC Class										
IC411										

IE Class Data (50 Hz)	IE Class IE1
	Full Load (100%) 79.7 %
	Partial Load (75%) 82.0 %
IE Class Data (60 Hz)	Partial Load (50%) 80.9 %
	IE Class IE1
	Full Load (100%) 83.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 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