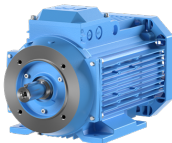




PRODUCT-DETAILS

3GAA091500-AHE  
(3GAA091500-AHE)



General Information

Product ID	3GAA091500-AHE
ABB Type Designation	M3AA 90L 2
Catalog Description	(3GAA091500-AHE)

Ordering

ABB Type Designation	M3AA 90L 2
Invoice Description	M3AA 90L 2
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	Finland (FI) China (CN)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091442-AHE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	IS/IN
D	--	50 Hz	415 V	1.50 kW	2910 r/min	2.90 A	0.850	84.10 %	7.90
Temperature Class									
Default									
Altitude									
1000 m									
Ambient Temperature									
40 °C									
IC Class									
IC411									
IE Class Data (50 Hz)									
IE Class IE2									
Full Load (100%) 84.1 %									
Partial Load (75%) 84.3 %									
Partial Load (50%) 82.3 %									
IP Class									
IP55									
Insulation Class									
ICLF									
Direction of Rotation									
Both sides									
Number of Poles (High)									
2									
Two Speed Motor									
No									
Type of Duty									
S1									
Voltage Code									
H									

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
--------	----------

---

## Categories

---

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

