

PRODUCT-DETAILS

3GAL092547-HSB

M3AL 90LD 4



General Information

Product ID	3GAL092547-HSB
ABB Type Designation	M3AL 90LD 4
Catalog Description	M3AL 90LD 4

Ordering

ABB Type Designation	M3AL 90LD 4
Invoice Description	M3AL 90LD 4
Product Name	3Phase Synchronous reluctance motor
Product Type	3AL0__M3AL_SynRM_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque
Y	--	50 Hz	400 V	5.50 kW	3000 r/min	13.40 A	0.700	89.20 %	17.50 N·m
Temperature Class Default									--
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IE Class Data (50 Hz)									IE Class IE3 Full Load (100%) 89.2 % Partial Load (75%) 88.3 % Partial Load (50%) 85.7 %
IP Class									IP55
Insulation Class									ICLF
Direction of Rotation									Both sides
Number of Poles (High)									4
Two Speed Motor									No
Type of Duty									S9
Voltage Code									S

Mechanical									
Frame Material									Aluminum
Frame Size									90
Bearing									6205-2Z/C3
Bearing NDE									6204-2Z/C3
IM Class									IMB35 IM2001
Terminator Box Location									D-End top

Dimensions									
Package Level 1 Units									0 carton
Product Net Weight									17 kg
Gross Weight									20 kg

Environmental									
WEEE Category						5. Small Equipment (No External Dimension More Than 50 cm)			

Classifications									
UNSPSC									26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → High Output SynRM Motors

