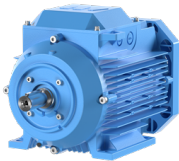




## PRODUCT-DETAILS

**3GAL102543-HSB****M3AL 100LD 4****General Information**

Product ID	3GAL102543-HSB
ABB Type Designation	M3AL 100LD 4
Catalog Description	M3AL 100LD 4

**Ordering**

ABB Type Designation	M3AL 100LD 4
Invoice Description	M3AL 100LD 4
Product Name	3Phase Synchronous reluctance motor
Product Type	3ALO__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	Operational Voltage
Y	--	50 Hz	400 V	4.00 kW	1500 r/min	9.40 A	0.750	86.60 %	25.50 N·m	380 V

Temperature Class Default	--
Motor Operational Voltage	380 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.6 % Partial Load (75%) 86.7 % Partial Load (50%) 85.2 %
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	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Weight	27 kg
Gross Weight	32 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

