

PRODUCT SELECTION REPORT

Model: LSWm50A

Name: Sewage Submersible Pump



LEO GROUP PUMP CO.,LTD.

2025.7.9

Project Name:

Personal Name:
Company Address:

Company Name:

Website: www.leopump.com
Company Name:

Product Model: LSWm50A
LEO GROUP PUMP CO., LTD.

Product Recommendations

Power(kW): 0.37 Flow(m³/h): 8
Head(m): 6

Based on provided information and product parameters, LEO PUMP recommends model:
LSWm50A

Introduce

Application

LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

Stainless steel shell
Cast Iron Pump body with special anti-rust treatment
Fixed cable with unique design
AISI 304 shaft
Max. liquid temperature: 40°C
Max. immerse depth: 5m

Motor

Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Enclosures class: IPX8

Product Parameters

Nameplate

Pump flow rate(m³/h): 8 Total manometric head H(m): 6
Speed(rpm): 2850

Technical

Motor power(kW):	0.37	Curve tolerance:	ISO 9906 AnnexA
Maximum lift(m):	11	Maximum use flow(m ³ /h):	13
Impeller diameter(mm):	/		

Material

Impeller:	HT200	Connector	ABS
Pump body:	HT200	Upper cover:	ADC12
Pump cover:	Stainless steel	Chassis:	/
Shaft sleeve:	/	Rear end cover:	/
Bracket:	/	Fan2:	/
Cover box:	/		
Mechanical seal:			SiC/Carbon+Carbon/Ceramic

Working conditions

Max. ambient temperature(°C):	/	Max. liquid temperature(°C):	40
Max. Operating Pressure(Mpa):	/		
Pumped medium:	/		

Installation

Pipe Diameter(mm):	40		
Connection standard:			Threaded connection

Motor

Motor phase:	Single phase	Protection class:	IPX8
Motor poles:	2	Insulation class:	F
Motor power(kW) :	0.37	Frequency(Hz):	50
Rated voltage(V):	220	Drive end bearing:	/
Non-drive end bearing:	/	Starting current(A):	/

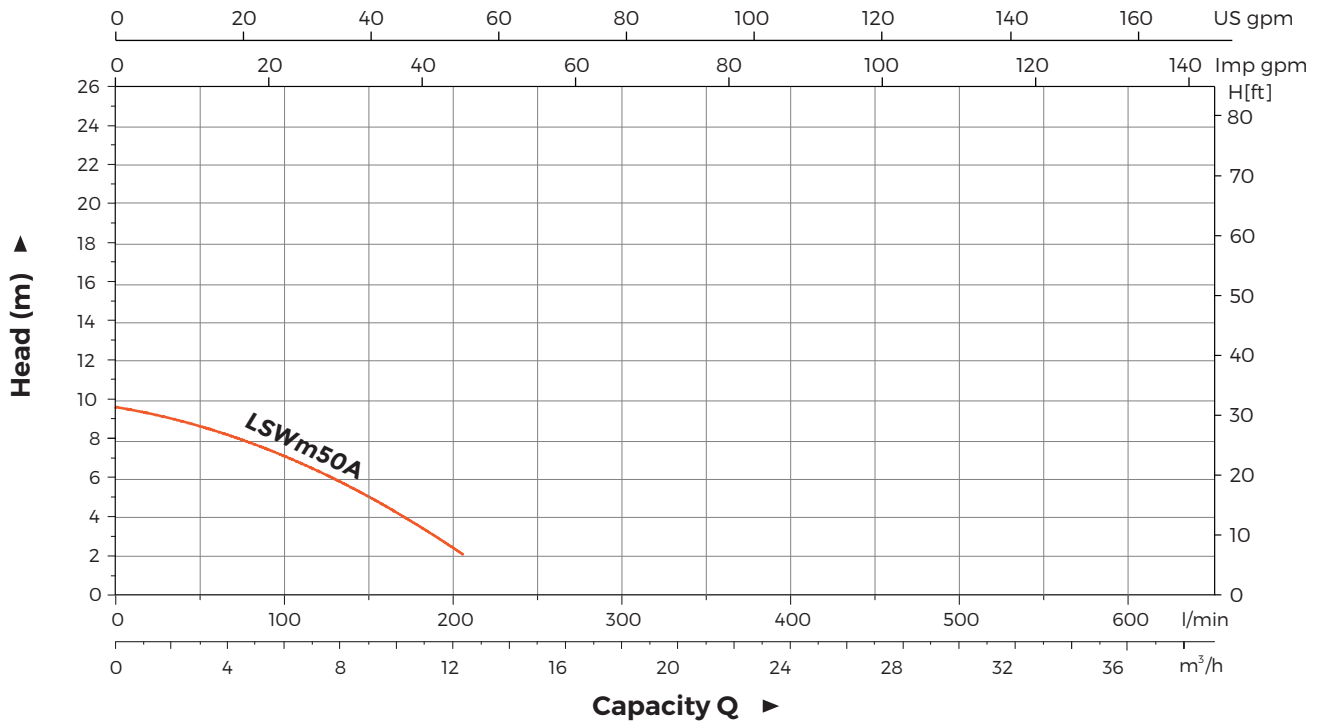
Weight/Packaging

Gross weight(kg):	10.8	Package size(mm):	235*230*435
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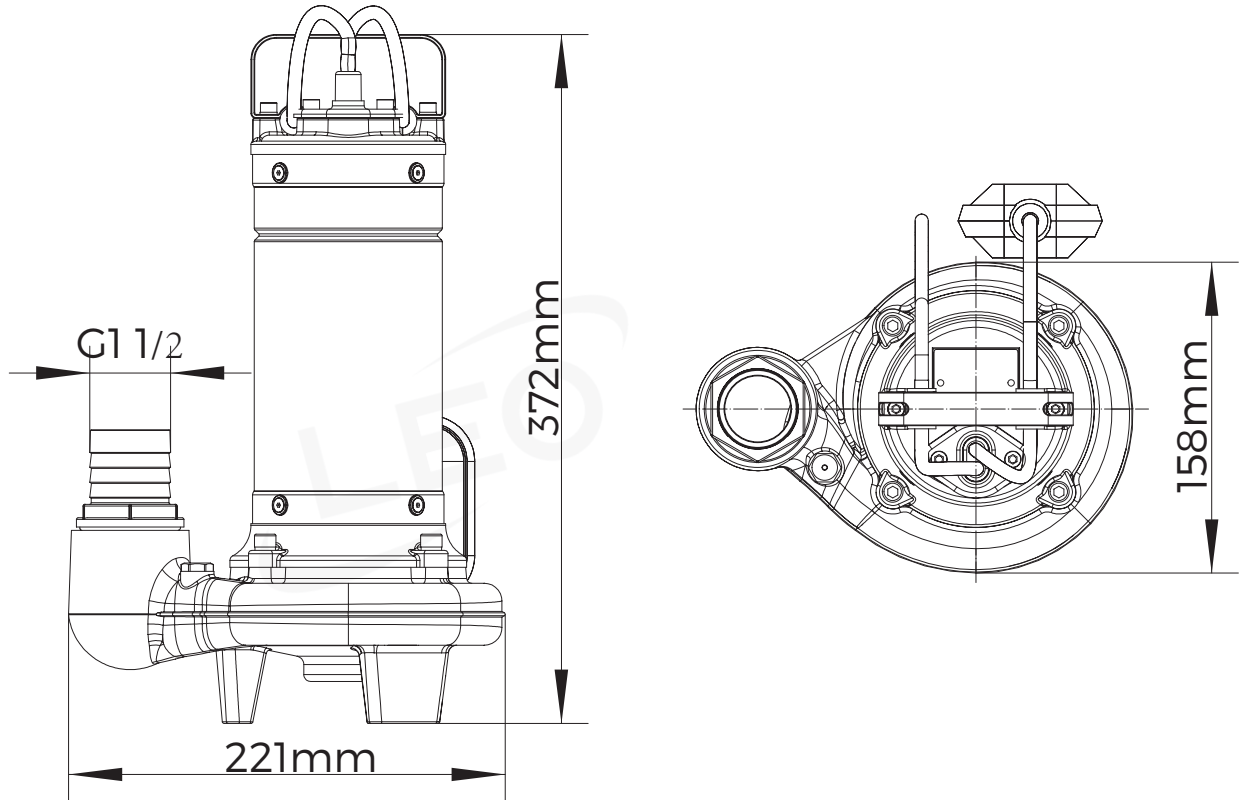
Area Range Parameters

Max Q(m ³ /h):		Allowable Minimum (m ³ /h):	/
Allowable Maximum (m ³ /h):	/	Min Value Optimal area (m ³ /h):	/
Max Value Optimal area (m ³ /h):	/		

Performance Curve



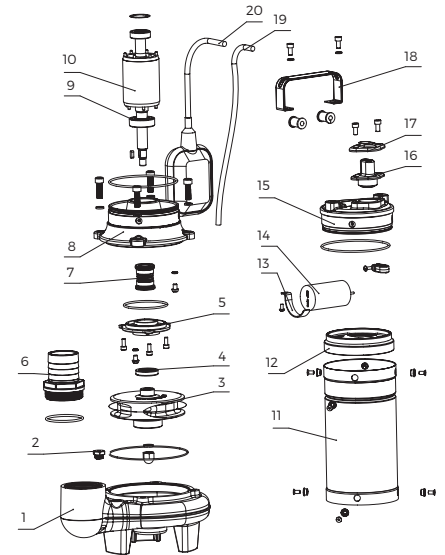
Shape & Size



Exploded View

No.	Part	Material
1	Pump body	HT 200
2	Exhaust valve	HP59-1
3	Impeller	HT 200
4	Oil seal	
5	Oil chamber cover	HT 200
6	Connector	ABS
7	Mechanical seal	SiC/Carbon +Carbon/Ceramic
8	Oil chamber	HT 200
9	Bearing	
10	Rotor	45# + AISI 304

No.	Part	Material
11	Stator	
12	Upper cover	ADC 12
13	Capacitor clamp	Q235
14	Capacitor	
15	Top cover	HT 200
16	Cable sheathing	Neoprene
17	Cable cover	AISI 304
18	Handle	AISI 304
19	Cable line	
20	Float switch	





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* LEO reserves all the right of products modification without prior notification



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