

	Product Information 50SWUm12-8-0.75L	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/11/22
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

Part NO.	50SWUm12-8-0.75L		
Product Picture	Note		
	Applications: 1Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant. 2Drainage of waste water containing fibrous additives from leather factory and food processing factory. 3Sewage management, accumulated water, septic tank, stock farm. 4Pumping sewage form hotels, restaurants, schools and public buildings.		

Nameplate parameters

flow	12 m³/h
head	8 m
Efficiency	37 %
speed	3000 rpm
number of stages	1

Technical

Curve tolerance	ISO 9906 Annex A
Maximum lift (m)	13
Minimum usage flow (m³/ h)	1.2
Maximum use flow (m³/ h)	22.5



Material

Impeller	HT200
Pump inlet	HT200
Pump shaft	06Cr19Ni10AlSI304+45
Cylinder head	HT200
chassis	HT200
Upper bearing seat	HT200
Top hat	HT200
Cutting knife	/
Motor housing	HT200
Pump upper cover	HT200

Working conditions

Max. Particles Size	≤35
Max. ambient temperature (°C)	40
Max. liquid temperature (°C)	40
Pumped medium	The maximum liquid density is 1.2X10³Kg/m³
Working pressure	PN6

Installation

Coupling Model	50
Max. Immersion Depth	5
Connection standard	Soft pipe/Flange
Pipe Diameter	50

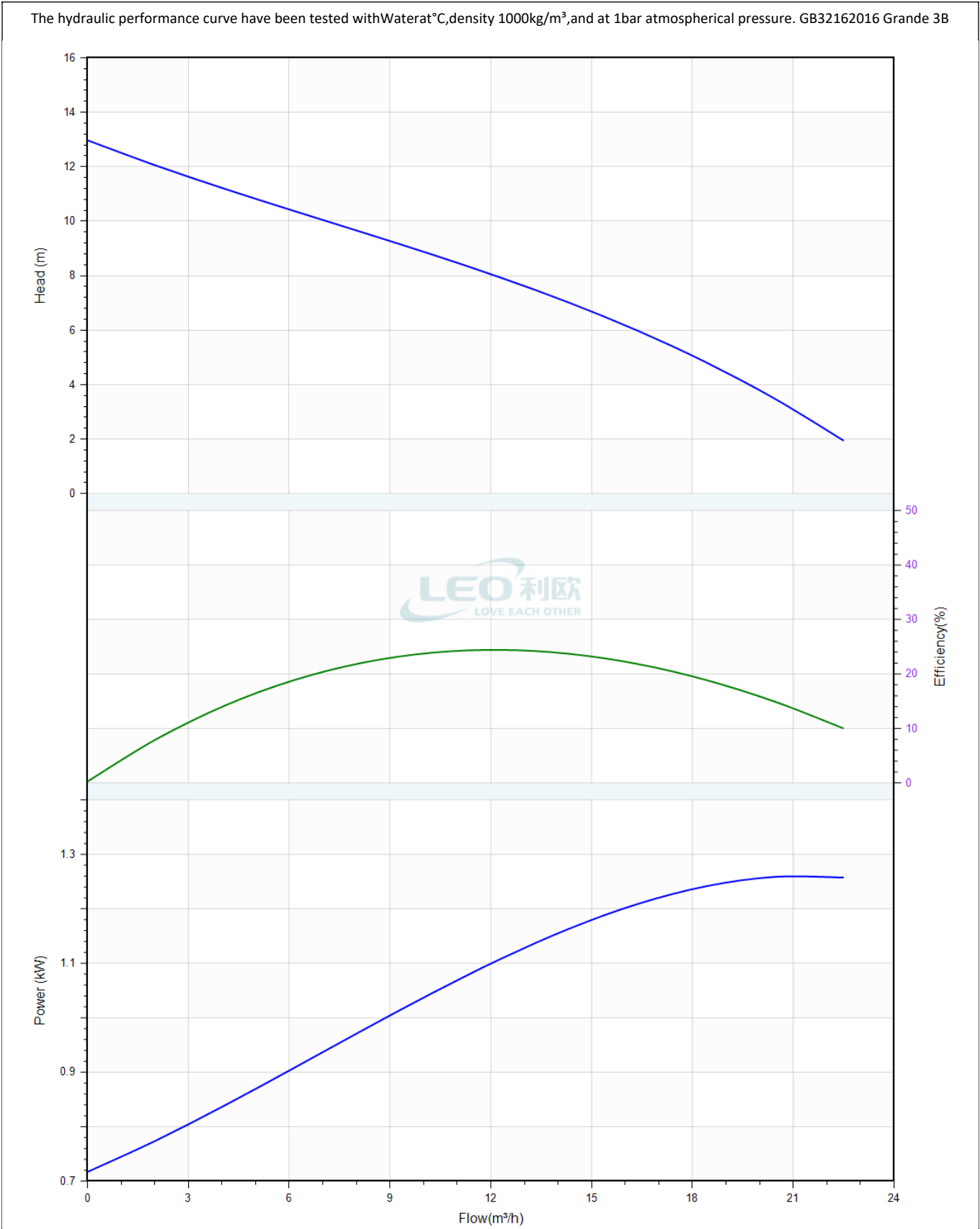
Motor

Motor phase	Single phase
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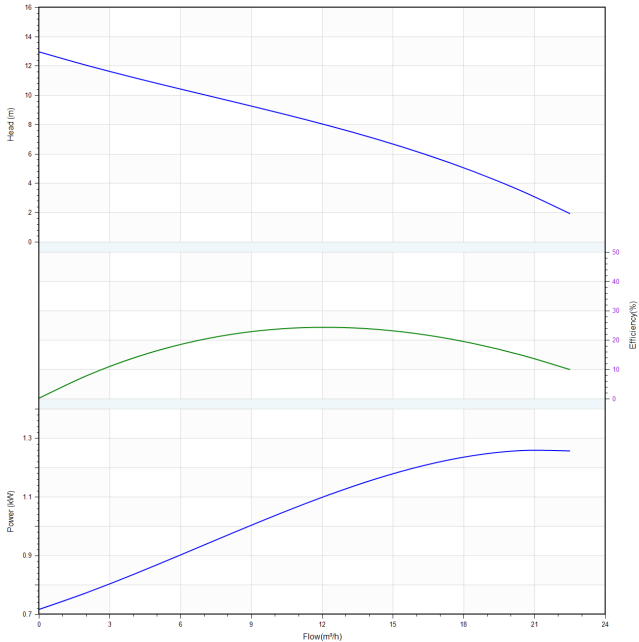
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Protection class	IP×8
Motor poles	2
Insulation class	F
Motor power (KW)	0.75KW
Frequency	50
Rated voltage (V)	220
Rated current (A)	4.97
Power factor	0.951
Drive end bearing	6203
Non-drive end bearing	6202
Efficiency (%)	65.08
Seal	
Mechanical seal	Double Mechanical Seal 202-14
Weight/Packaging	
Gross weight (kg)	39.2
Package size	749*289*368
	

	Performance Curve 50SWUm12-8-0.75L	Manufacturer	LEO
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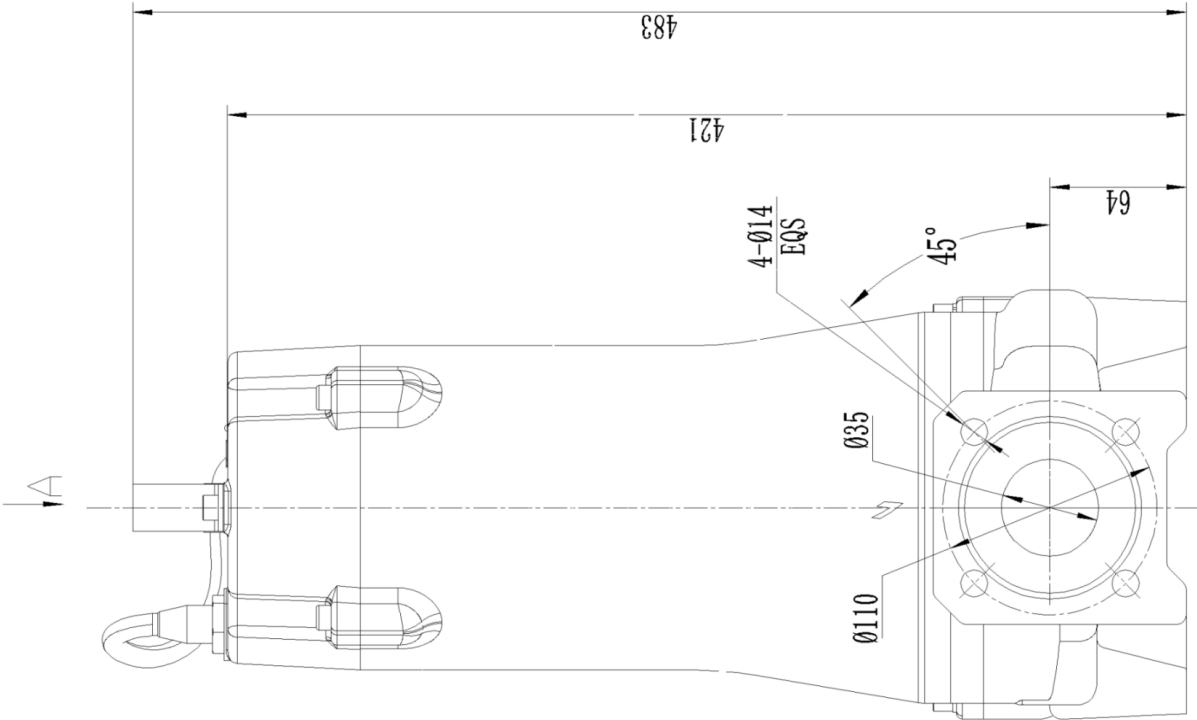
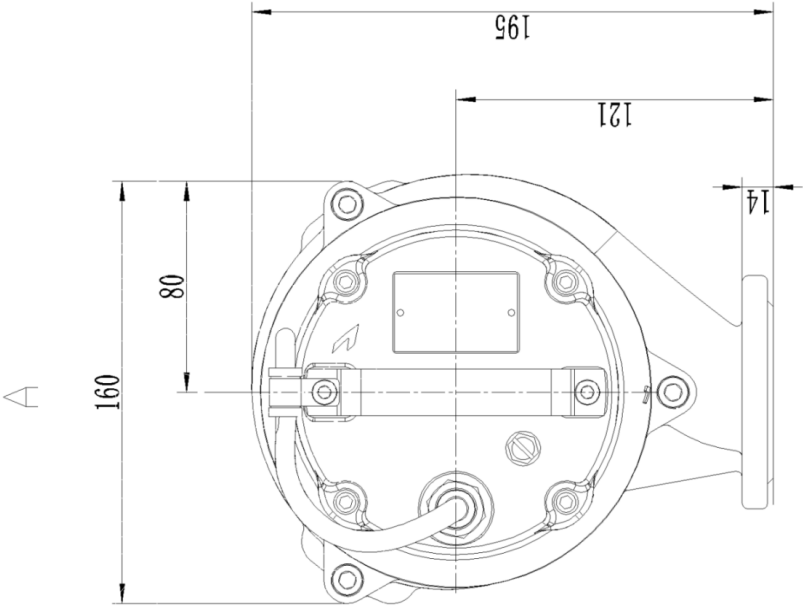


	Pump Technical Parameters 50SWUm12-8-0.75L	Manufacturer	LEO
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Rated parameters		
Pump model	50SWUm12-8-0.75L	
Part NO.	50SWUm12-8-0.75L	
Rated flow	12 m³/h	
Rated head	8 m	
Rated efficiency (%)	37	
Power (kW)	0.71	
Speed (rpm)	3000	
Medium		
Pumped medium	Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	



	Installation picture 50SWUm12-8-0.75L	Manufacturer	LEO
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	Physical picture 50SWUm12-8-0.75L	Manufacturer	LEO
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