

	Product Information LPP50-21-2.2/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/04/23
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

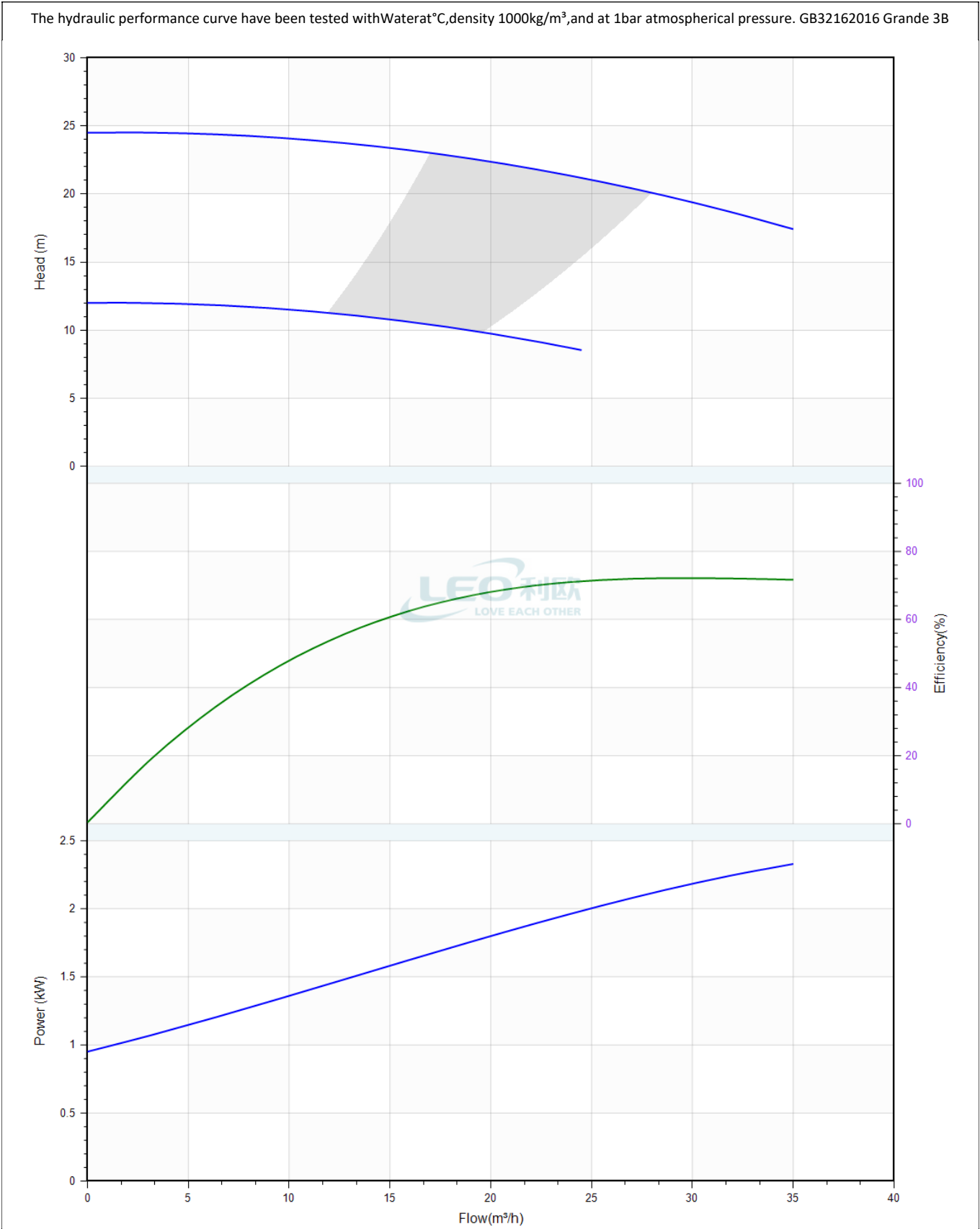
Part NO.	LPP50-21-2.2/2		
Product Picture		Note	
		This series products are vertical in-line centrifugal pump. Standard configuration Mechanical seal standard motor. In daily maintenance the motor and impeller can be removed from the pump body for the maintenance and repair no need to remove pump body from the pipeline. Optimization design of impeller by CFD fluid simulation and analysis technology less axial force longer bearing life. Appearance designed by Italy professional shape design team the most advanced modular design concept. The surface of the whole machine adopts electrophoretic coating process, have better anti-corrosion effect.	

Nameplate parameters	
flow	24 m³/h
head	21 m
speed	2900 rpm
number of stages	1
Technical	
Curve tolerance	IS09906 AnnexA
Maximum lift (m)	25
Minimum usage flow (m³/ h)	3
Maximum use flow (m³/ h)	35
Material	
Impeller	HT200
Pump inlet	HT200
Pump shaft	AISI304
Mechanical seal	SiC/C
O-ring	NBR
Working conditions	
Max. ambient temperature (°C)	40
Max. liquid temperature (°C)	90
Pumped medium	Thin, clean, non corrosive, non flammable and explosive liquid without solid particles and fibers.
Working pressure	16bar
Installation	
Inlet & Outlet Diameter	DN50
Connection standard	DIN
Motor	
Motor phase	Three phase
Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	2.2KW
Frequency	50
Rated voltage (V)	380
Rated current (A)	4.57790069056113
Efficiency class	IE3
Power factor	0.85

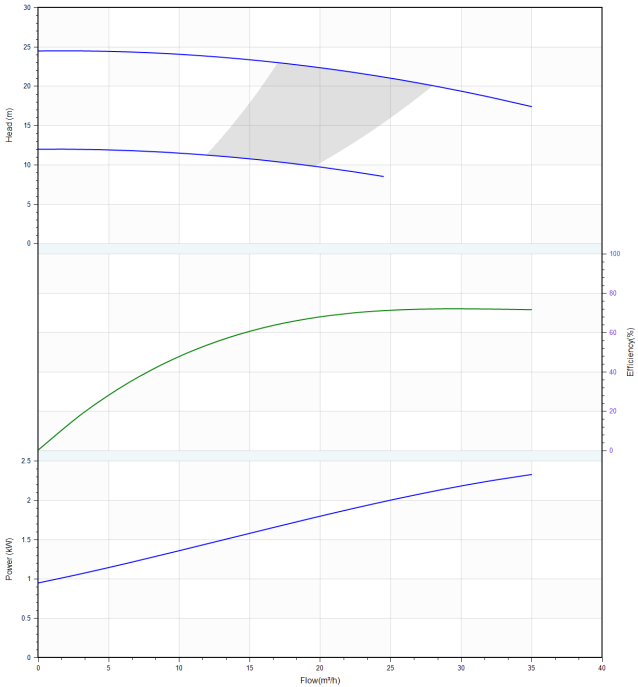
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Drive end bearing	6205
Non-drive end bearing	6205
Efficiency (%)	85.9
Weight/Packaging	
Gross weight (kg)	57.65
Package size	740*420*325
	

	Performance Curve LPP50-21-2.2/2	Manufacturer	LEO
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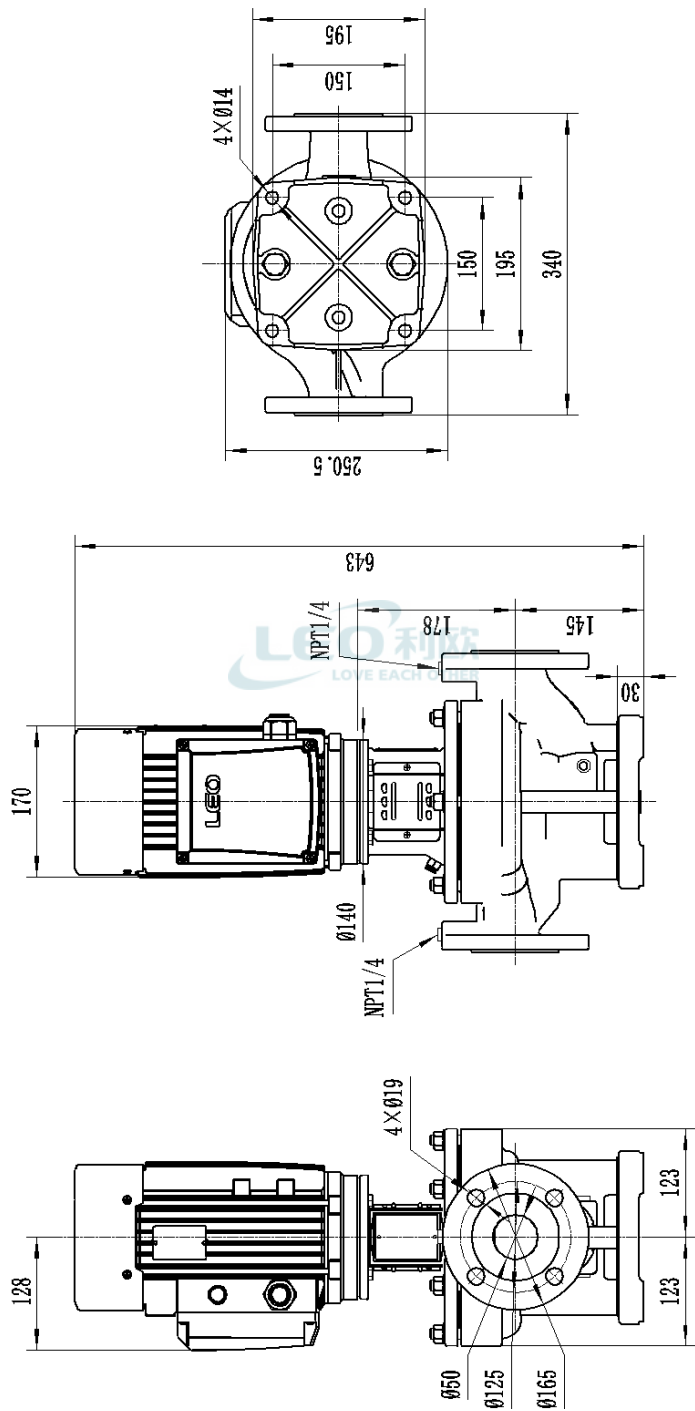


	Pump Technical Parameters LPP50-21-2.2/2	Manufacturer	LEO
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Rated parameters			
Pump model	LPP50-21-2.2/2		
Part NO.	LPP50-21-2.2/2		
Rated flow	24 m³/h		
Rated head	21 m		
Rated efficiency (%)	70.7		
Power (kW)	1.943		
Speed (rpm)	2900		
Max impeller diameter (mm)	133		
Medium			
Pumped medium	Water		
Working temperature (°C)	20		
Medium density (kg/m³)	1000		
Viscosity (mm²/s)	1		



	Installation picture LPP50-21-2.2/2	Manufacturer	LEO
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	Physical picture LPP50-21-2.2/2	Manufacturer	LEO
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