

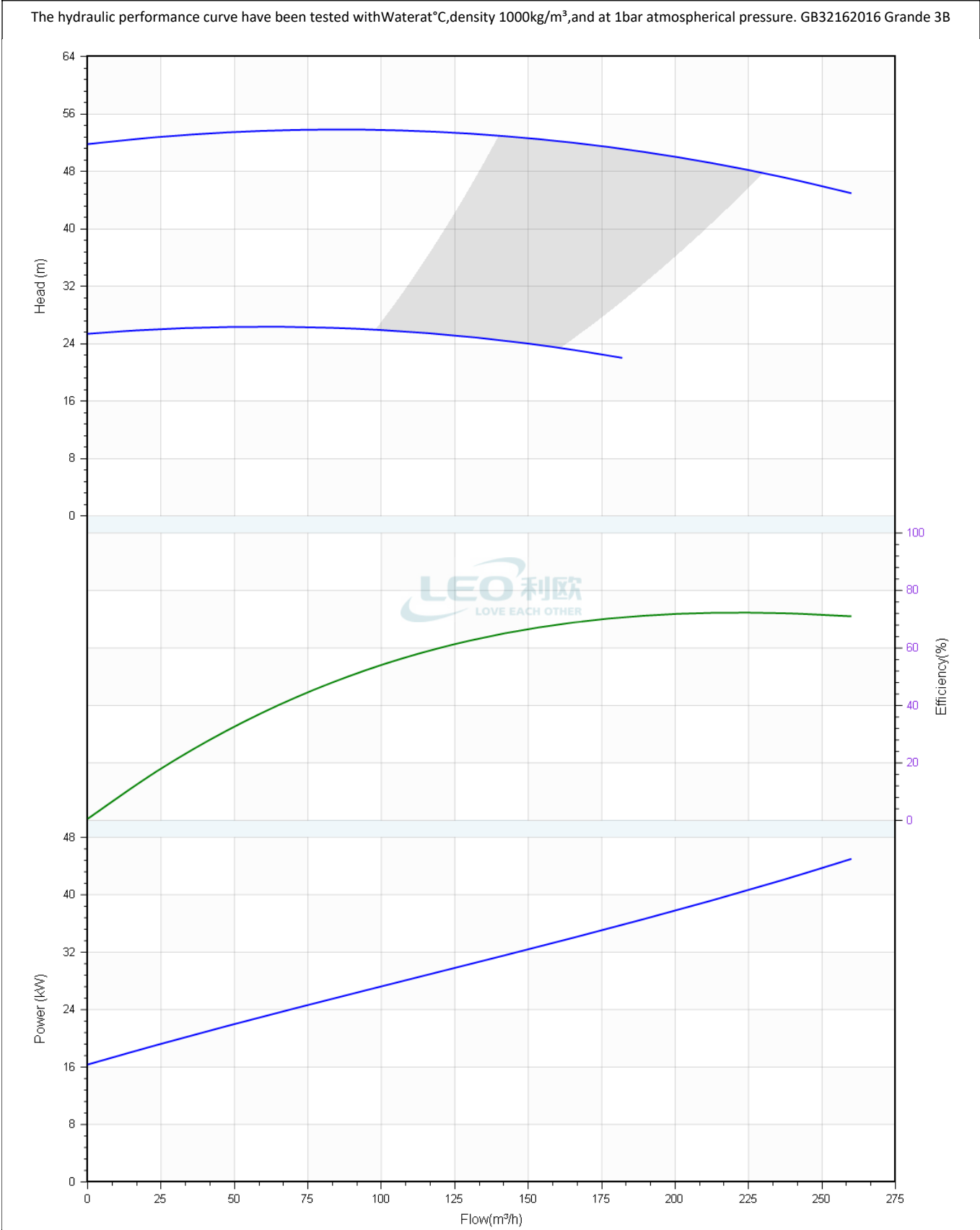
	Product Information LPP150-50-45/4	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/26
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95 Б
Item NO		Contacts	
		Contact	

Part NO.	LPP150-50-45/4		
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	200 m³/h		
head	50 m		
speed	1480 rpm		
number of stages	1		
Technical			
Curve tolerance	ISO9906 AnnexA		
Maximum lift (m)	52		
Minimum usage flow (m³/ h)	20		
Maximum use flow (m³/ h)	260		
Material			
Impeller	HT200		
Pump inlet	HT200		
Pump shaft	2Cr13		
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	DN150		
Connection standard	DIN		
Motor			
Motor phase	Three phase		
Protection class	IP55		
Motor poles	4		
Insulation class	F		
Motor power (KW)	45KW		
Frequency	50		
Rated voltage (V)	380		
Rated current (A)	84.3954310442193		
Efficiency class	IE3		
Power factor	0.86		

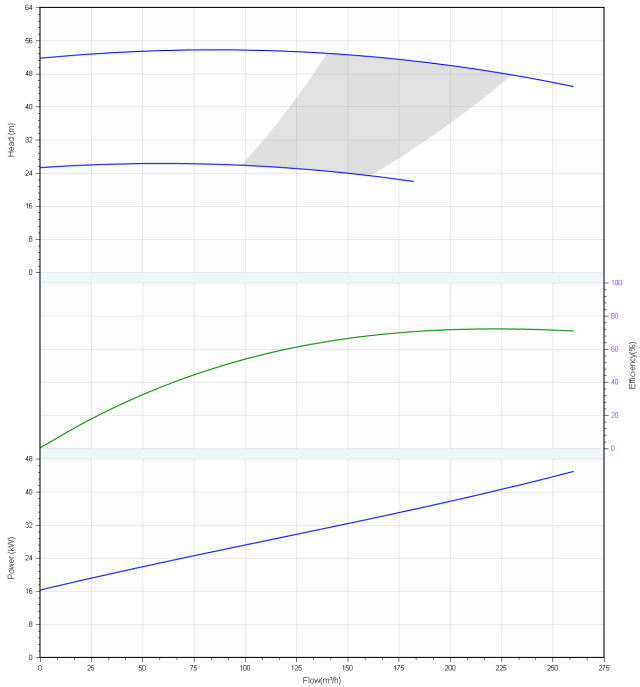
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Drive end bearing	7313
Non-drive end bearing	6313
Efficiency (%)	94.2
Weight/Packaging	
Gross weight (kg)	694
Package size	1030*790*1765
	

	Performance Curve LPP150-50-45/4	Manufacturer	LEO
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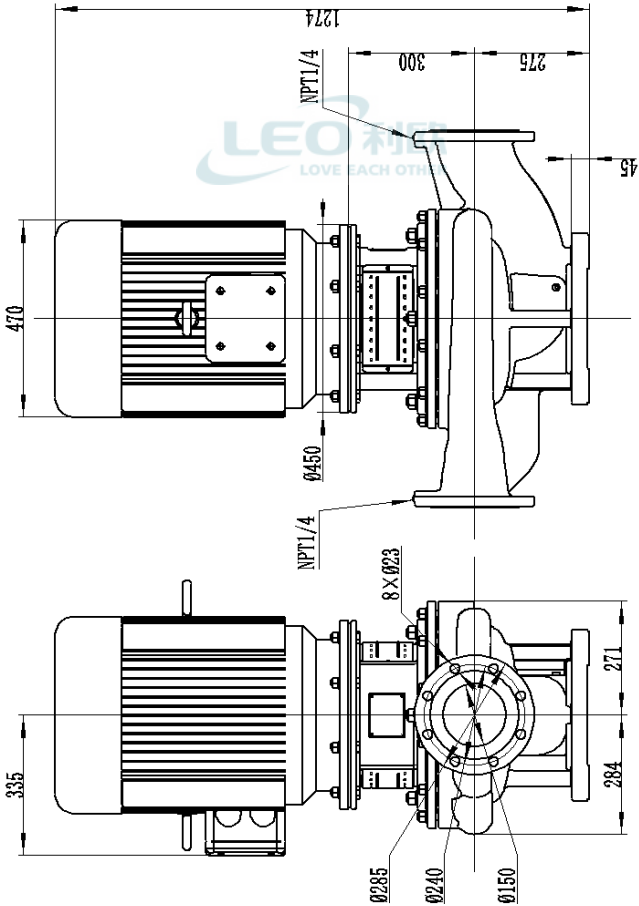
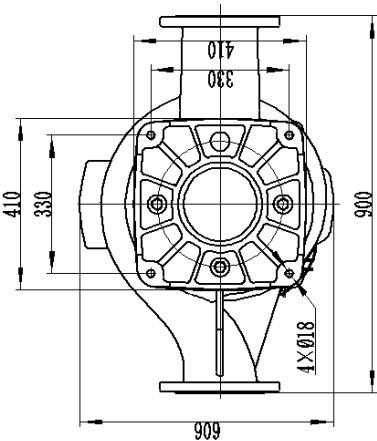


	Pump Technical Parameters LPP150-50-45/4	Manufacturer	LEO
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Rated parameters		
Pump model	LPP150-50-45/4	
Part NO.	LPP150-50-45/4	
Rated flow	200 m³/h	
Rated head	50 m	
Rated efficiency (%)	72	
Power (kW)	37.8	
Speed (rpm)	1480	
Max impeller diameter (mm)	390	
Medium		
Pumped medium	Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	

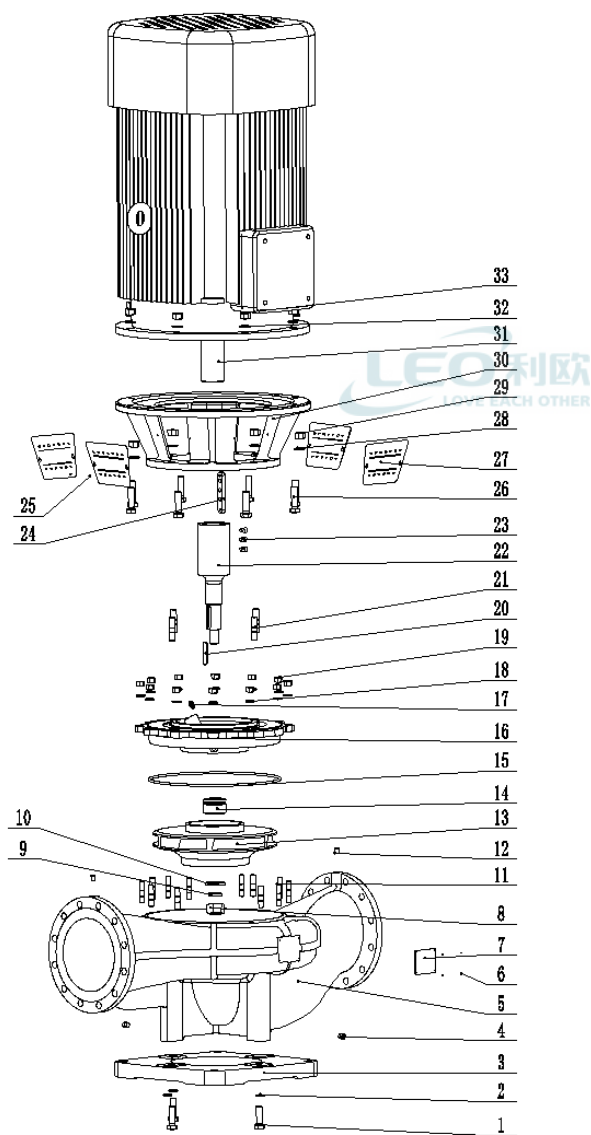


	Installation picture LPP150-50-45/4	Manufacturer	LEO
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	Structure picture LPP150-50-45/4	Manufacturer	LEO
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LPP



33	Hex nut	
32	Washer	
31	Motor	
30	Motor frame	HT200
29	Hex nut	
28	Washer	
27	Guard plate	304
26	Hex head bolt	
25	Screw	
24	Key	304
23	Screw	
22	Pump shaft	304/45
21	Double-head stud	
20	Key	304
19	Hex nut	
18	Washer	
17	Release valve	HPb59-1
16	Pump cover	HT200
15	O-ring	NBR
14	Mechanical seal	SiC/C
13	Impeller	HT200
12	Hexagonal socket head plug	
11	Double-head stud A type	
10	Washer	2Cr13
9	Spring washer	304
8	Hex nut	304
7	Nameplate	
6	Rivet	
5	Pump body	HT200
4	Hexagonal socket head plug	HT200
3	Baseplate	HT200
2	Spring washer	
1	Hex head bolt	
No.	Part	Material

	Physical picture LPP150-50-45/4	Manufacturer	LEO
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