

	Product Information LPP80-80-22/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/24
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95 Б
Item NO		Contacts	
		Contact	

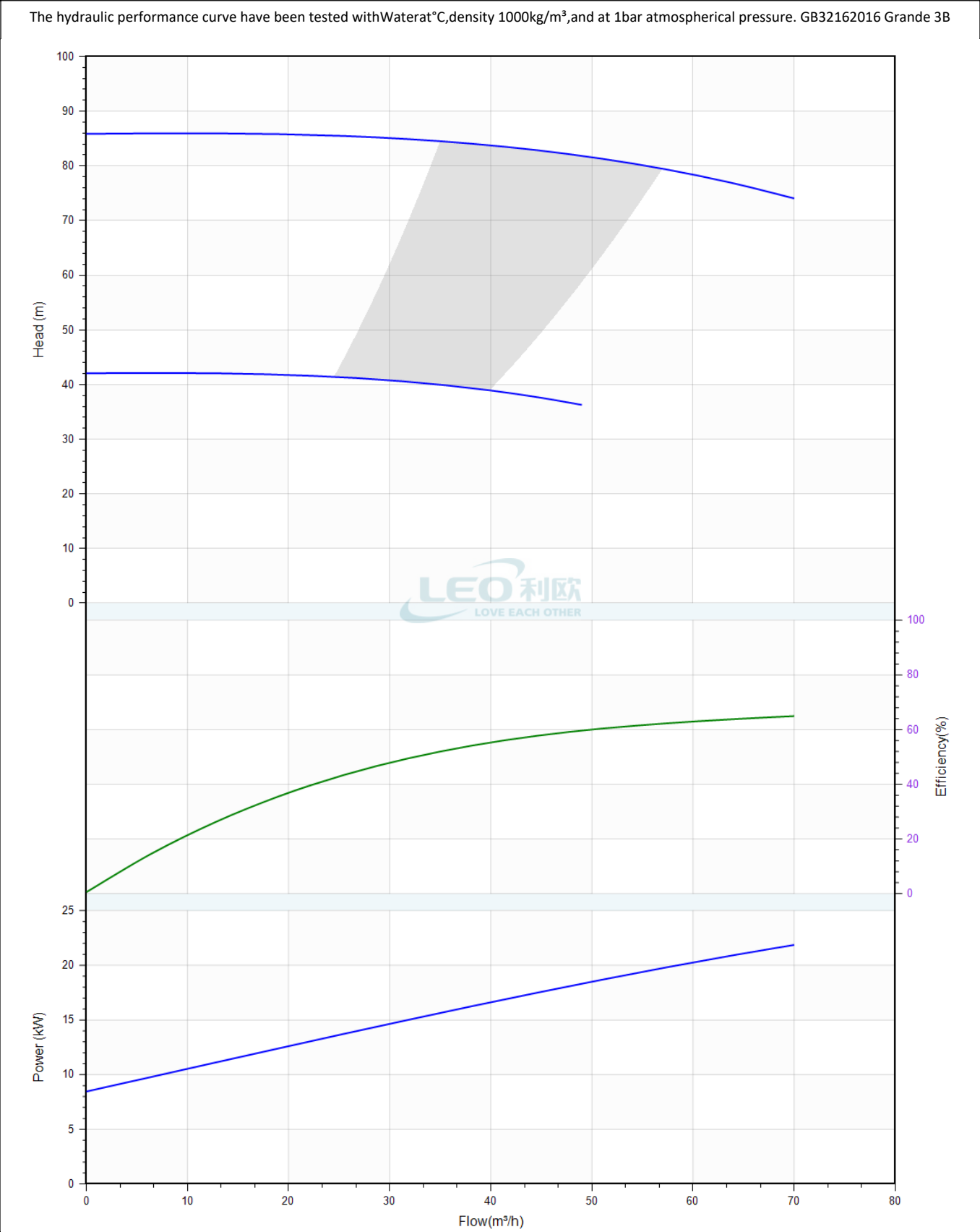
Part NO.	LPP80-80-22/2		
Product Picture		Note	
		This series products are vertical in-line centrifugal pump. Standard configuration Mechanical seal standard motor. In daily maintenance the motor and impeller can be removed from the pump body for the maintenance and repair no need to remove pump body 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	50 m³/h		
head	80 m		
speed	2950 rpm		
number of stages	1		
Technical			
Curve tolerance	ISO9906 AnnexA		
Maximum lift (m)	86		
Minimum usage flow (m³/ h)	5		
Maximum use flow (m³/ h)	70		
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	DN80		
Connection standard	DIN		
Motor			
Motor phase	Three phase		
Protection class	IP55		
Motor poles	2		
Insulation class	F		
Motor power (KW)	22KW		
Frequency	50		
Rated voltage (V)	380		
Rated current (A)	40.5143351055502		
Efficiency class	IE3		
Power factor	0.89		

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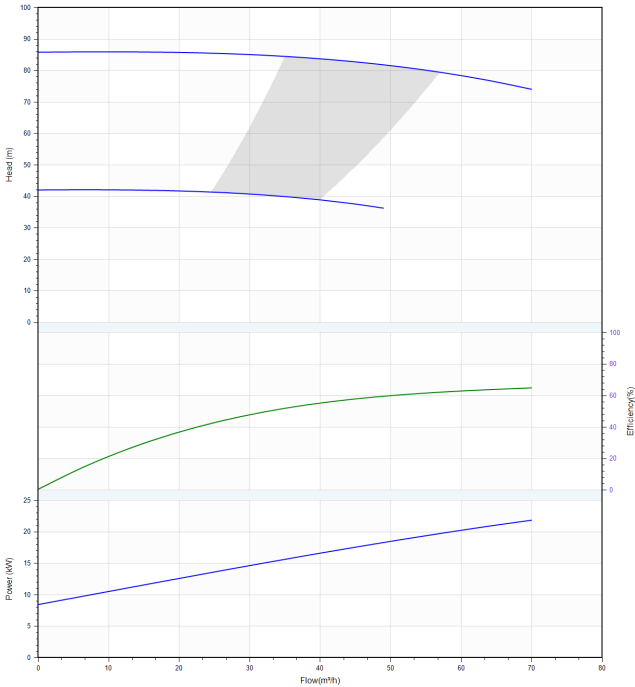
Drive end bearing	7311
Non-drive end bearing	7311
Efficiency (%)	92.7
Weight/Packaging	
Gross weight (kg)	287
Package size	1080*610*650



	Performance Curve LPP80-80-22/2	Manufacturer	LEO
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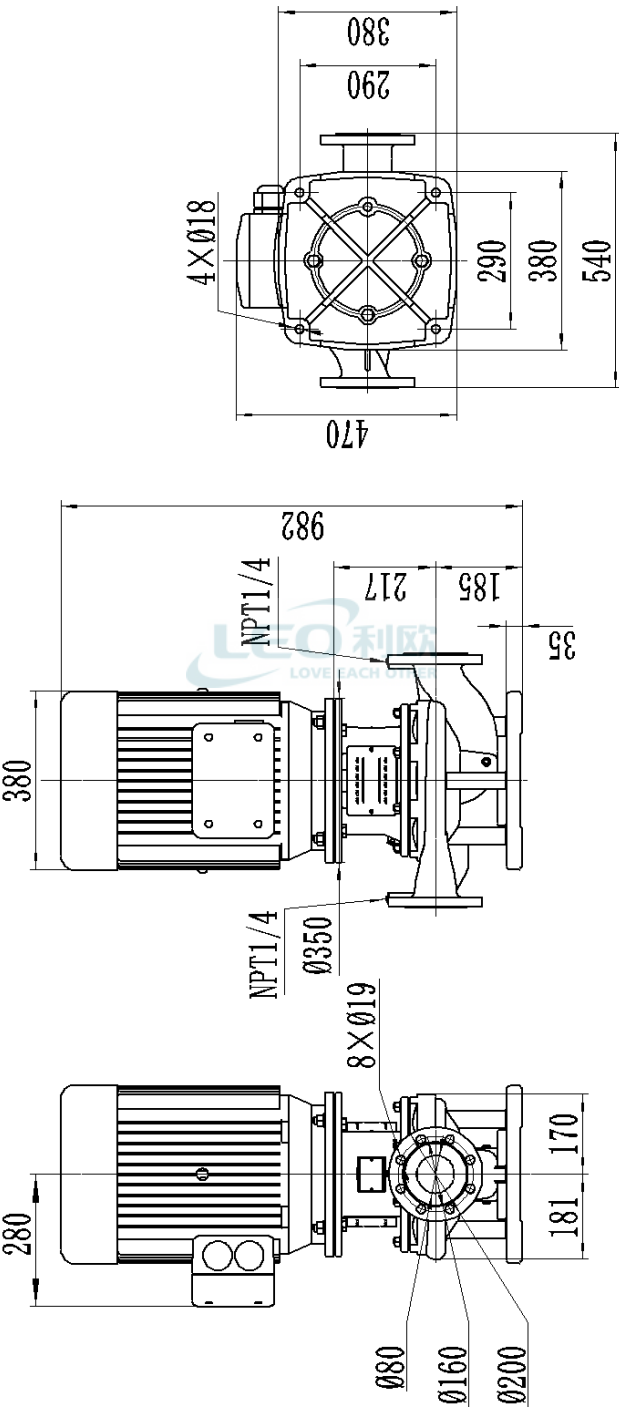


	Pump Technical Parameters LPP80-80-22/2	Manufacturer	LEO
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Rated parameters		
Pump model	LPP80-80-22/2	
Part NO.	LPP80-80-22/2	
Rated flow	50 m³/h	
Rated head	80 m	
Rated efficiency (%)	60	
Power (kW)	18.2	
Speed (rpm)	2950	
Max impeller diameter (mm)	255	
Medium		
Pumped medium	Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	

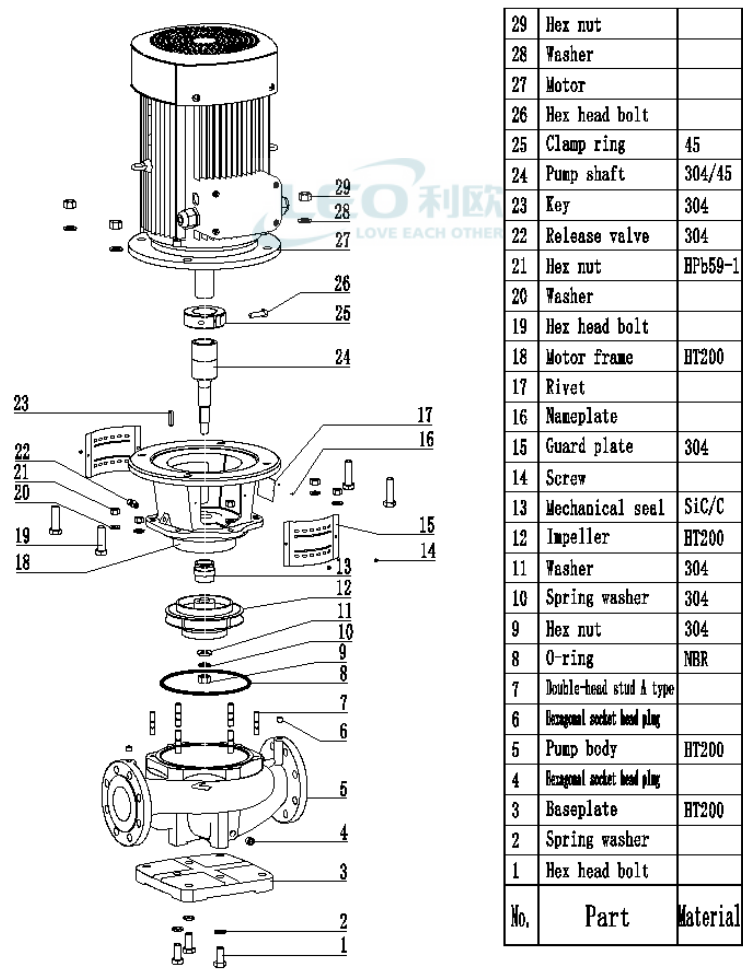


	Installation picture LPP80-80-22/2	Manufacturer	LEO
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	Structure picture LPP80-80-22/2	Manufacturer	LEO
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	Physical picture LPP80-80-22/2	Manufacturer	LEO
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