

	Product Information LPP100-20-11/2	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	

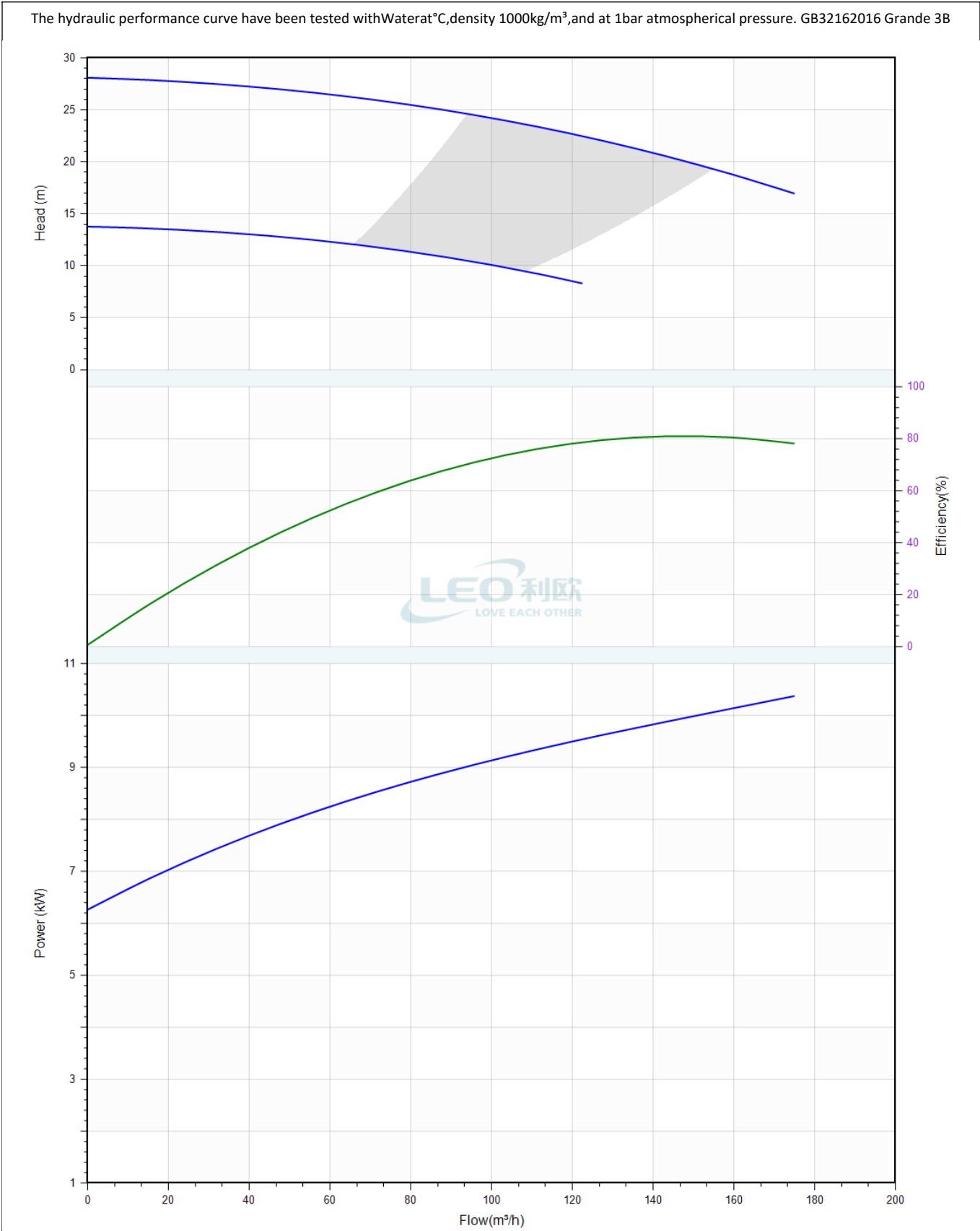
Part NO.	LPP100-20-11/2		
Product Picture		Note	
		This series products are vertical in-line centrifugal pump. Standard configuration Mechanical seal standard motor. In daily maintenance the motor and impeller can be removed from the pump body for the maintenance and repair no need to remove pump body 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	135 m³/h		
head	20 m		
speed	2950 rpm		
number of stages	1		
Technical			
Curve tolerance	ISO9906 AnnexA		
Maximum lift (m)	28		
Minimum usage flow (m³/ h)	14		
Maximum use flow (m³/ h)	175		
Material			
Impeller	QT400		
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	DN100		
Connection standard	DIN		
Motor			
Motor phase	Three phase		
Protection class	IP55		
Motor poles	2		
Insulation class	F		
Motor power (KW)	11KW		
Frequency	50		
Rated voltage (V)	380		
Rated current (A)	20.5903446506826		
Efficiency class	IE3		
Power factor	0.89		

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Drive end bearing	7309
Non-drive end bearing	6208
Efficiency (%)	91.2
Weight/Packaging	
Gross weight (kg)	277
Package size	1130*570*640

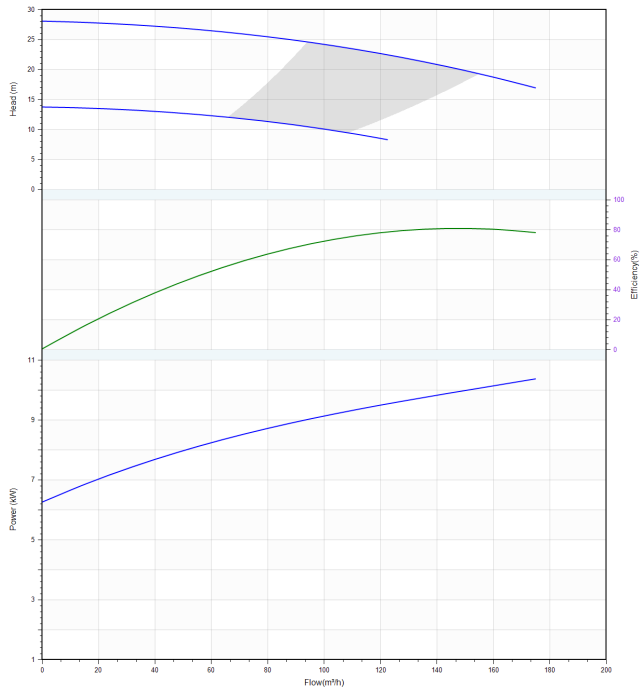


	Performance Curve LPP100-20-11/2	Manufacturer	LEO
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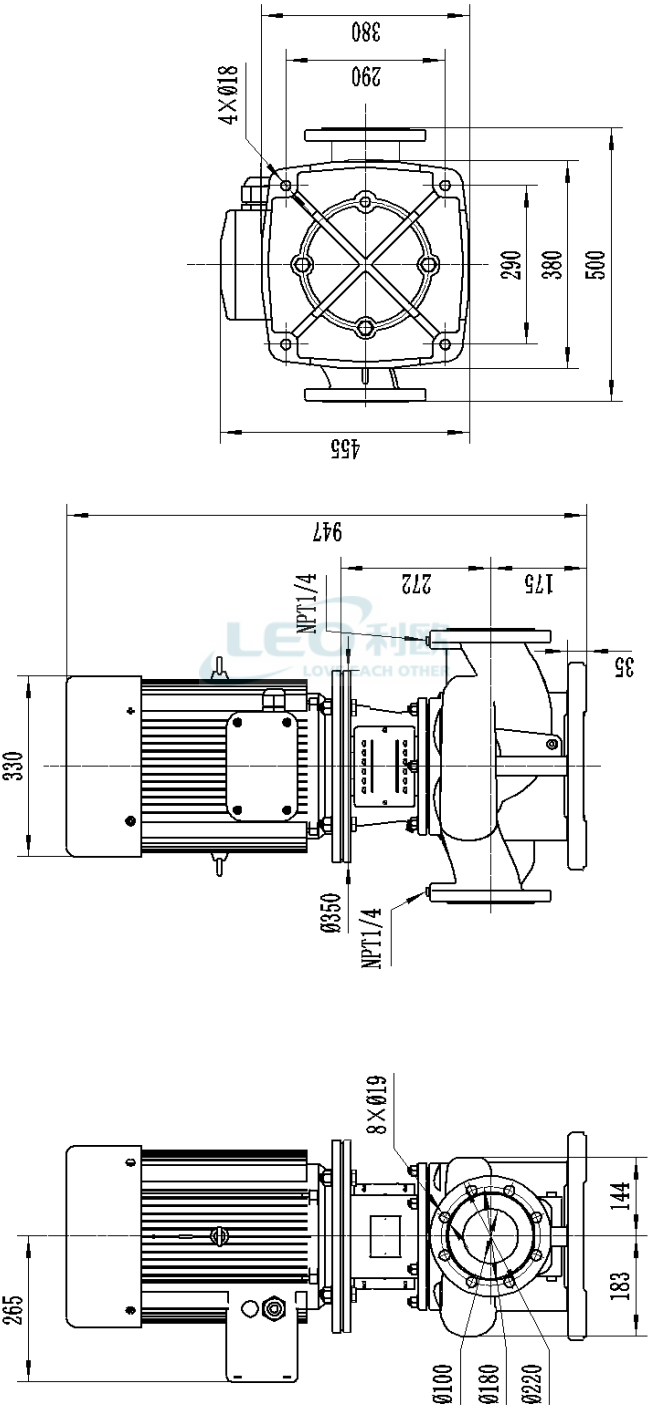


	Pump Technical Parameters LPP100-20-11/2	Manufacturer	LEO
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Rated parameters	
Pump model	LPP100-20-11/2
Part NO.	LPP100-20-11/2
Rated flow	135 m³/h
Rated head	20 m
Rated efficiency (%)	81.5
Power (kW)	9.03
Speed (rpm)	2950
Max impeller diameter (mm)	149
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

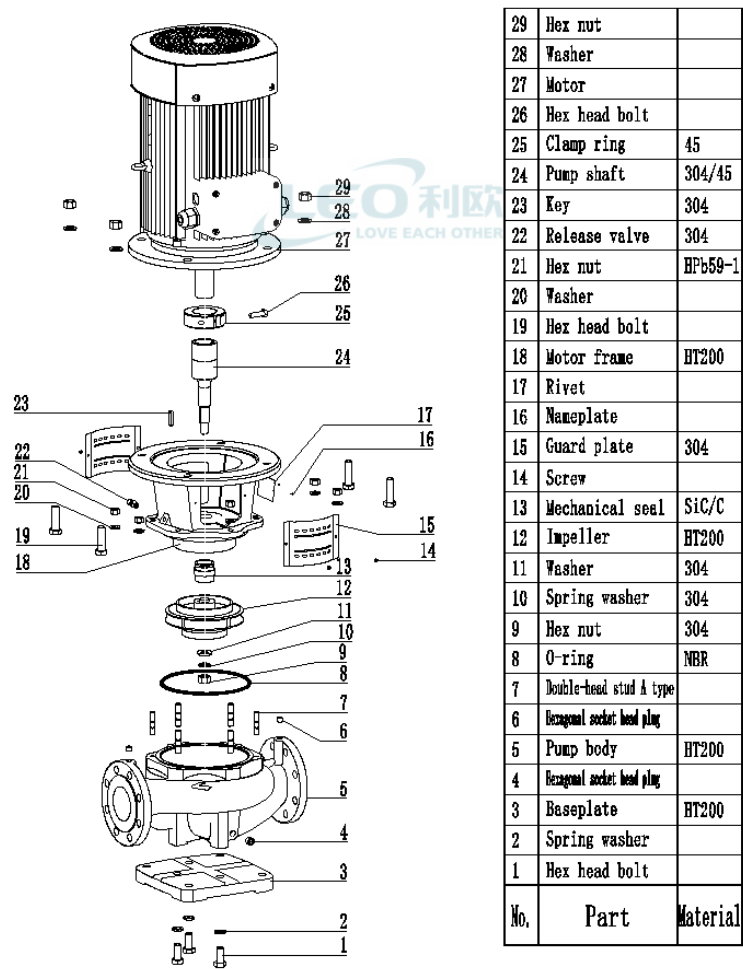


	Installation picture LPP100-20-11/2	Manufacturer	LEO
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	Structure picture LPP100-20-11/2	Manufacturer	LEO
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	Physical picture LPP100-20-11/2	Manufacturer	LEO
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