

	Product Information LPP200-12.5-18.5/4	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.	LPP200-12.5-18.5/4	
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.	

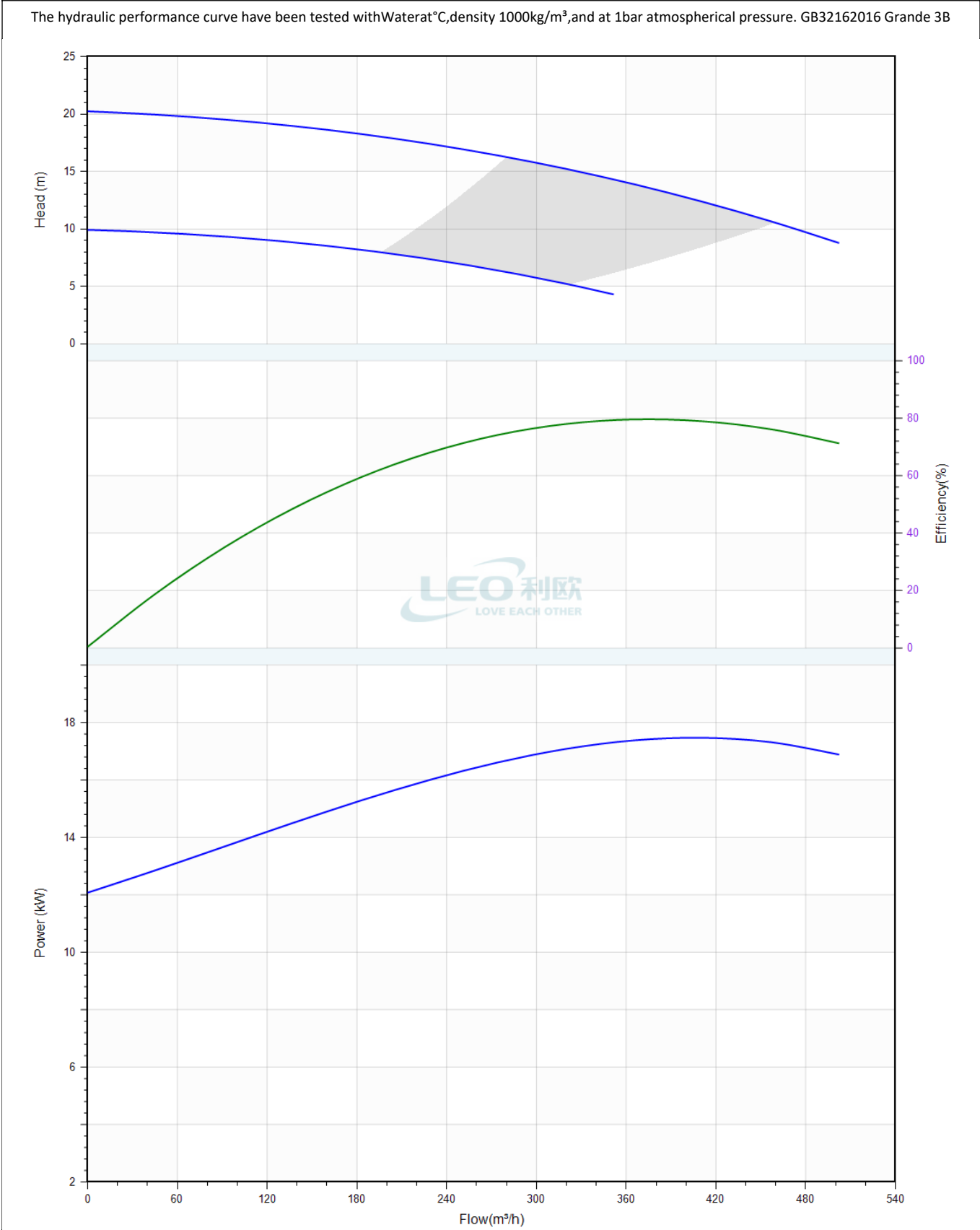
Nameplate parameters	
flow	400 m ³ /h
head	12.5 m
speed	1480 rpm
number of stages	1
Technical	
Curve tolerance	ISO9906 AnnexA
Maximum lift (m)	20
Minimum usage flow (m ³ / h)	40
Maximum use flow (m ³ / h)	500
Material	
Impeller	HT200
Pump inlet	HT200
Pump shaft	AISI304
Mechanical seal	SiC/C
O-ring	NBR
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	10bar
Installation	
Inlet & Outlet Diameter	DN200
Connection standard	DIN
Motor	
Motor phase	Three phase
Protection class	IP55
Motor poles	4
Insulation class	F
Motor power (KW)	18.5KW
Frequency	50
Rated voltage (V)	380
Rated current (A)	35.2953966116537
Efficiency class	IE3
Power factor	0.86

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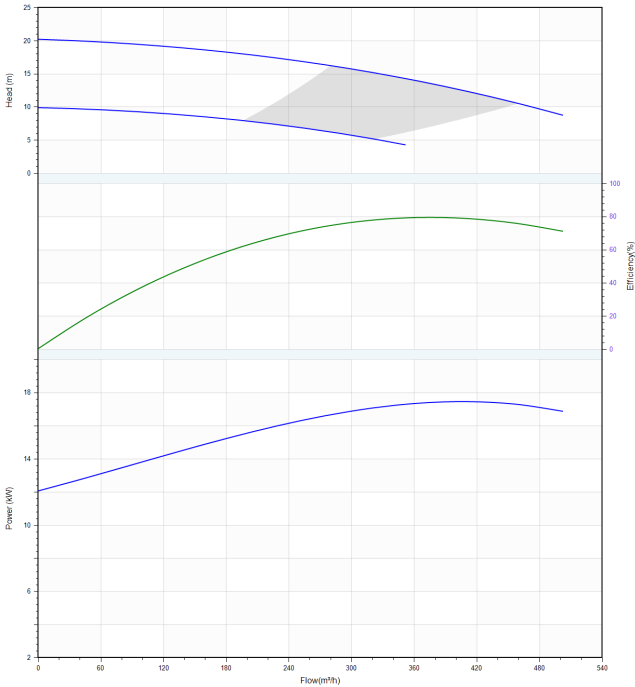
Drive end bearing	7311
Non-drive end bearing	6311
Efficiency (%)	92.6
Weight/Packaging	
Gross weight (kg)	360
Package size	1245*1060*700



	Performance Curve LPP200-12.5-18.5/4	Manufacturer	LEO
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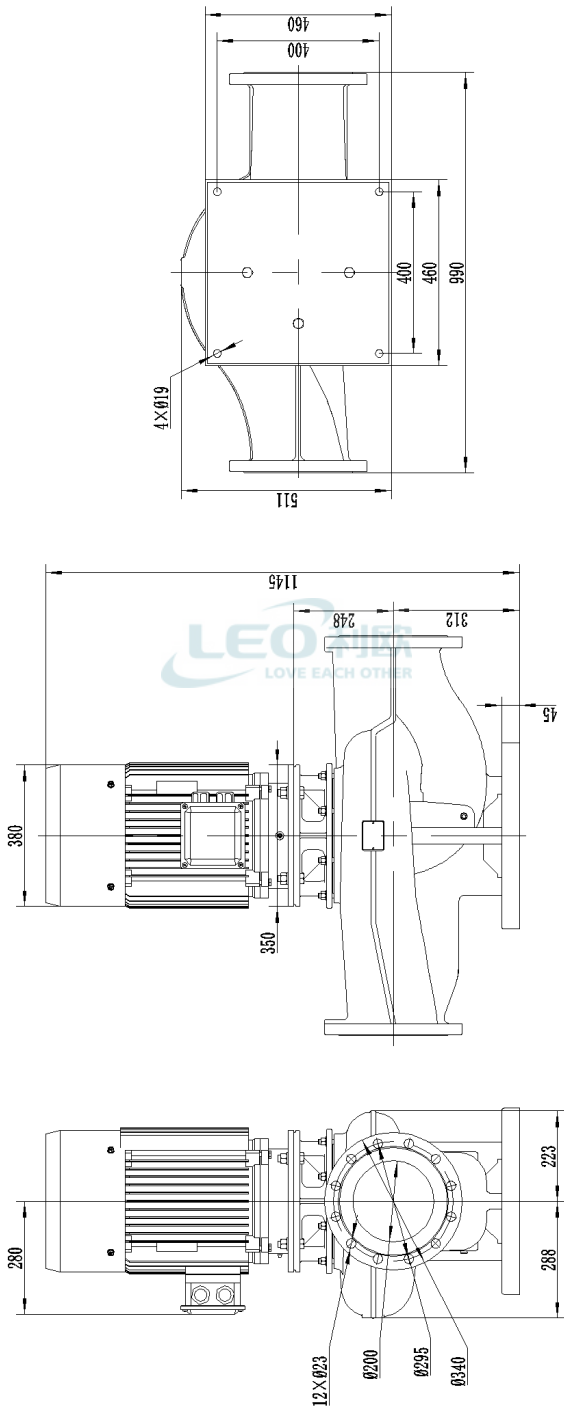


	Pump Technical Parameters LPP200-12.5-18.5/4	Manufacturer	LEO
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Rated parameters		
Pump model	LPP200-12.5-18.5/4	
Part NO.	LPP200-12.5-18.5/4	
Rated flow	400 m³/h	
Rated head	12.5 m	
Rated efficiency (%)	81	
Power (kW)	16.8	
Speed (rpm)	1480	
Max impeller diameter (mm)	253	
Medium		
Pumped medium	Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	



	Installation picture LPP200-12.5-18.5/4	Manufacturer	LEO
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	Physical picture LPP200-12.5-18.5/4	Manufacturer	LEO
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