

	Product Information LPP200-22.5-45/4	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.	LPP200-22.5-45/4		
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	521 m³/h
head	22.5 m
speed	1480 rpm
number of stages	1
Technical	
Curve tolerance	ISO9906 AnnexA
Maximum lift (m)	27
Minimum usage flow (m³/ h)	53
Maximum use flow (m³/ h)	662
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	DN200
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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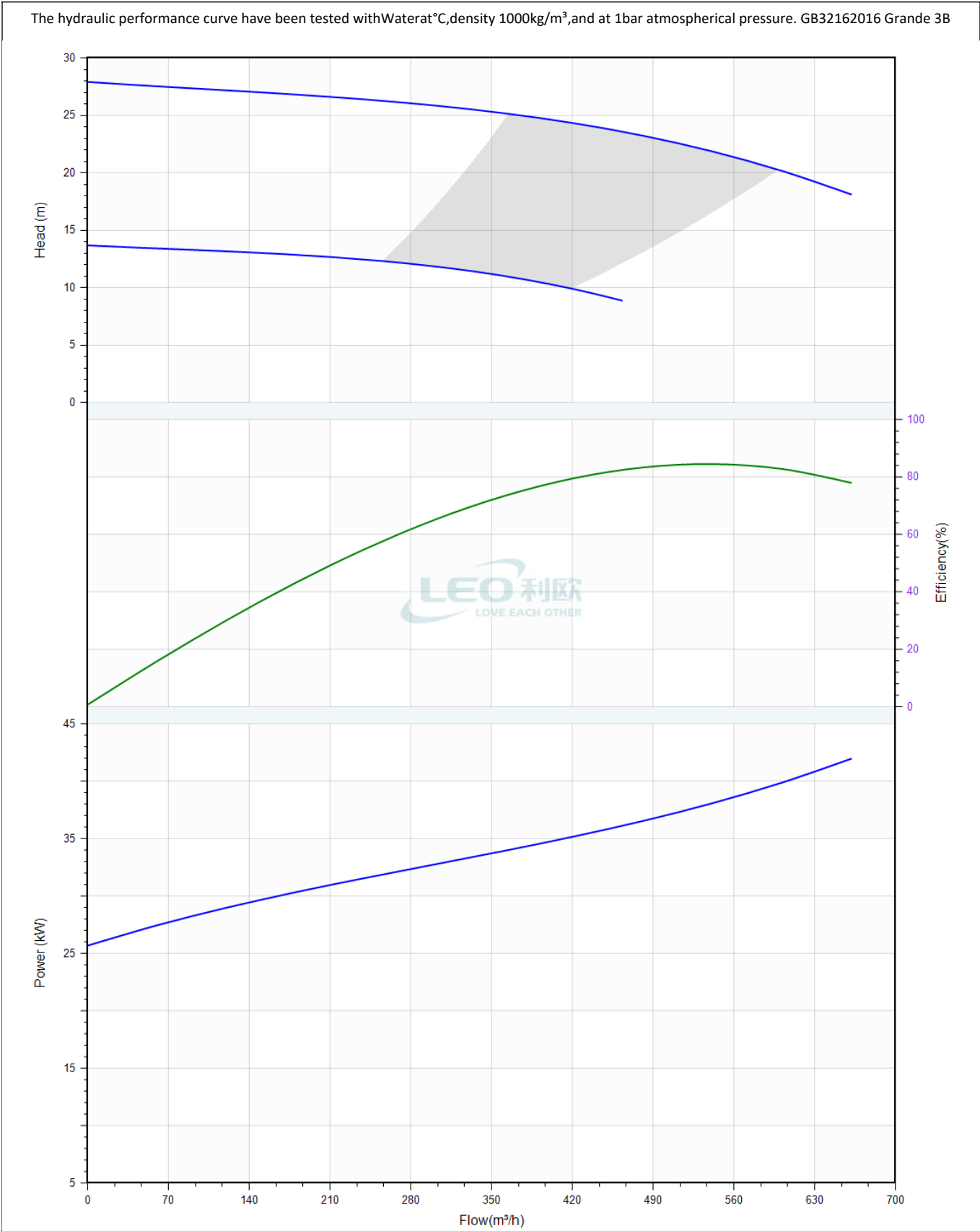
Drive end bearing	7313
Non-drive end bearing	6313
Efficiency (%)	94.2

Weight/Packaging

Gross weight (kg)	630
Package size	/

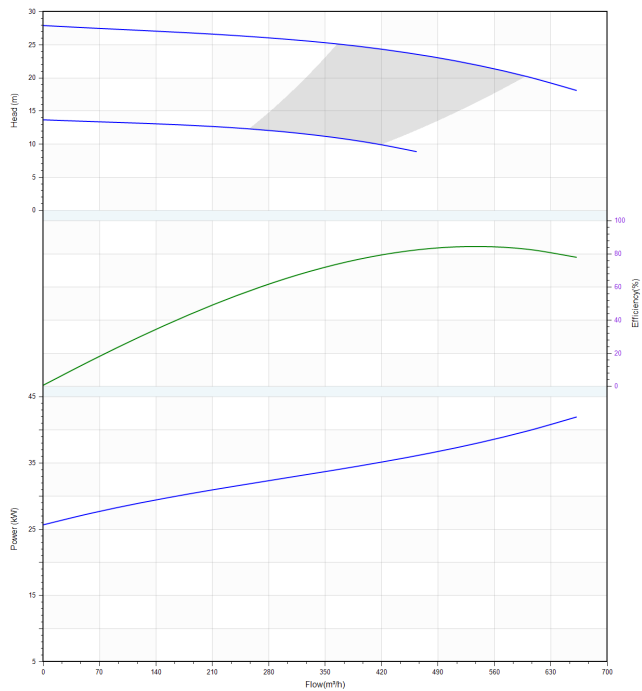


	Performance Curve LPP200-22.5-45/4	Manufacturer	LEO
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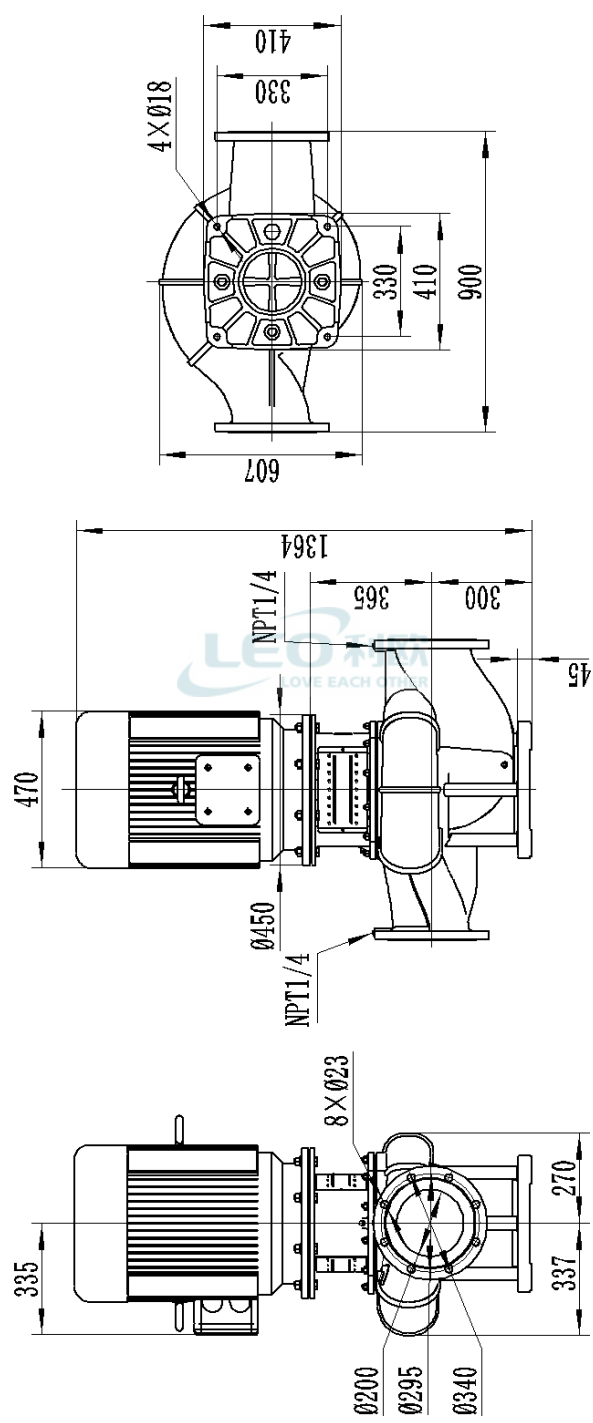


	Pump Technical Parameters LPP200-22.5-45/4	Manufacturer	LEO
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Rated parameters	
Pump model	LPP200-22.5-45/4
Part NO.	LPP200-22.5-45/4
Rated flow	521 m³/h
Rated head	22.5 m
Rated efficiency (%)	85
Power (kW)	37.6
Speed (rpm)	1480
Max impeller diameter (mm)	295
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Installation picture LPP200-22.5-45/4	Manufacturer	LEO
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	Structure picture LPP200-22.5-45/4	Manufacturer	LEO
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LPP



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

	Physical picture LPP200-22.5-45/4	Manufacturer	LEO
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