

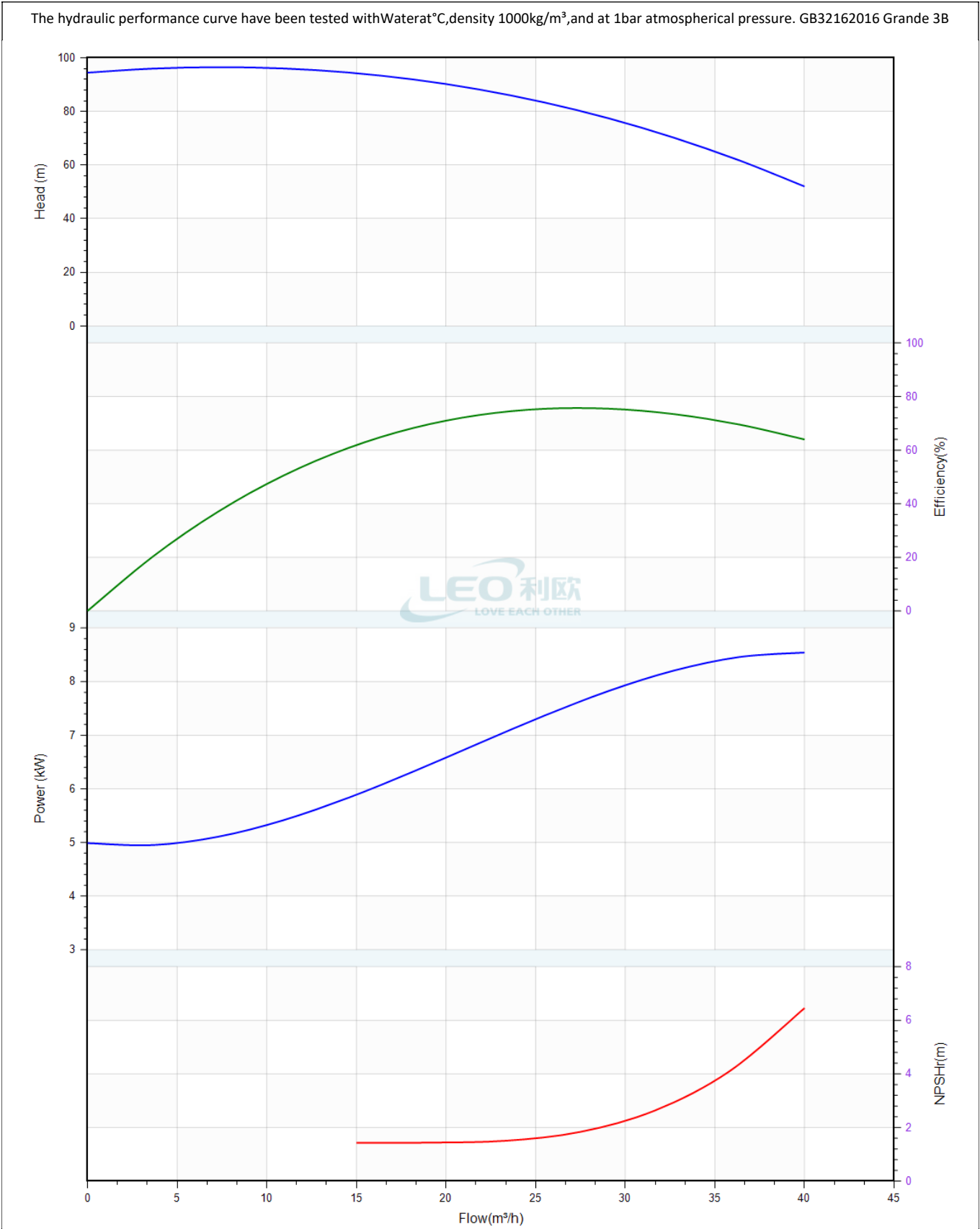
	Product Information LVR32-5	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/19
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95 Б
Item NO		Contacts	Дмитрий
		Contact	

Part NO.	50011883		
Product Picture		Note	
		LVR series verrtical multistage centrifugal pump is applicable to transfer liquids without solid particles<0.2mm and fiberslow viscositynon-inflammable non-explosive and not easy vaporization. Widely used in high-rise building water supply and drainageWater filtration and transportation, pipeline pressurization. High pressure flushing and cleaning system. Boiler feed water, cooling water circulation, water treatment system and other equipment supporting system. Ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool and other water treatment systems. Irrigation and drip irrigation systems in agriculture. food and beverage and fire fighting systems.	
Nameplate parameters			
flow	32 m³/h		
head	72 m		
speed	2900 rpm		
number of stages	5		
Technical			
Flow range (m³/h)	15-40m3/h		
Curve tolerance	ISO 9906 Annex A		
Head range (m)			
Material			
Impeller	AISI 304		
Diffuser	AISI 304		
Pump shaft	AISI 304		
Pump flange	ZG35		
Motor base	ZG35		
Coupling	QT400		
Pump barrel	AISI 304		
Working conditions			
Medium temperature (°C)	-20°C ~ +120°C		
Max. ambient temperature (°C)	+40°C		
Pumped medium	Clean water		
Working pressure	16bar		
Maximum inlet pressure	10bar		
Installation			
Connection method	DIN flange		
Inlet / outlet dia.	DN65		
Motor			
Motor phase	Three phase		
Protection class	IP55		
Motor poles	2		
Insulation class	F		
Motor power (KW)	11kW		
Motor model	YX3-160M1-2		
Frequency	50Hz		
Rated voltage (V)	380V		

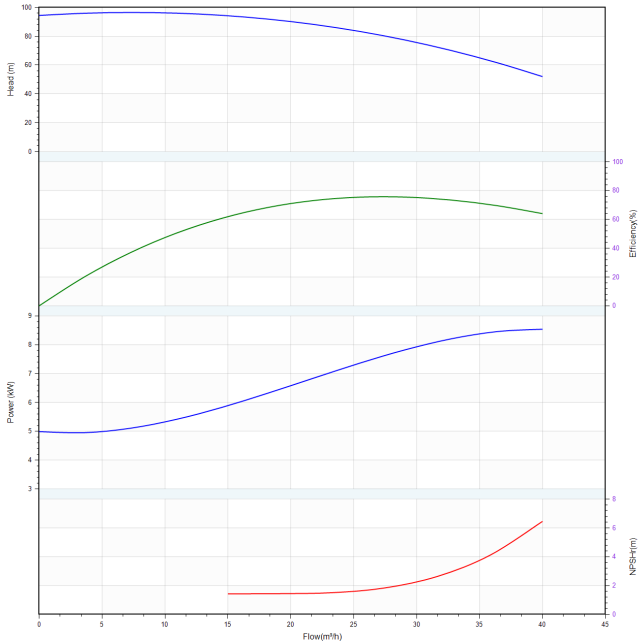
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Rated current (A)	21A
Efficiency class	IE2\\IE3
Power factor	0.89
Efficiency (%)	
Weight/Packaging	
Net weight (kg)	149.17
Gross weight (kg)	166.17
Package size	1470*395*584mm
	

	Performance Curve LVR32-5	Manufacturer	LEO
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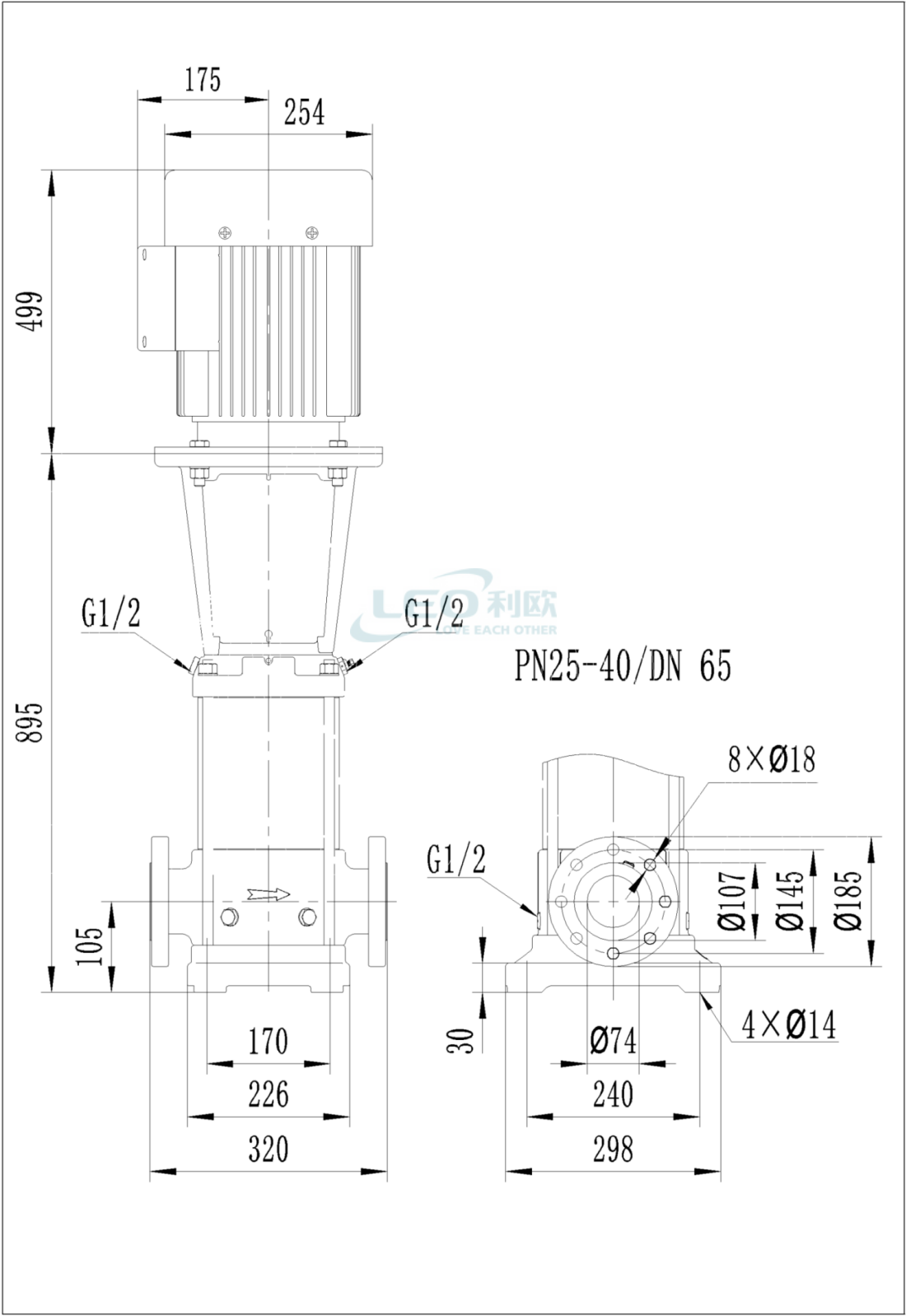


	Pump Technical Parameters LVR32-5	Manufacturer	LEO
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Rated parameters		
Pump model	LVR32-5	
Part NO.	50011883	
Rated flow	32 m³/h	
Rated head	72 m	
Rated efficiency (%)	74.5	
Power (kW)	8.43	
Speed (rpm)	2900	
Medium		
Pumped medium	Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	



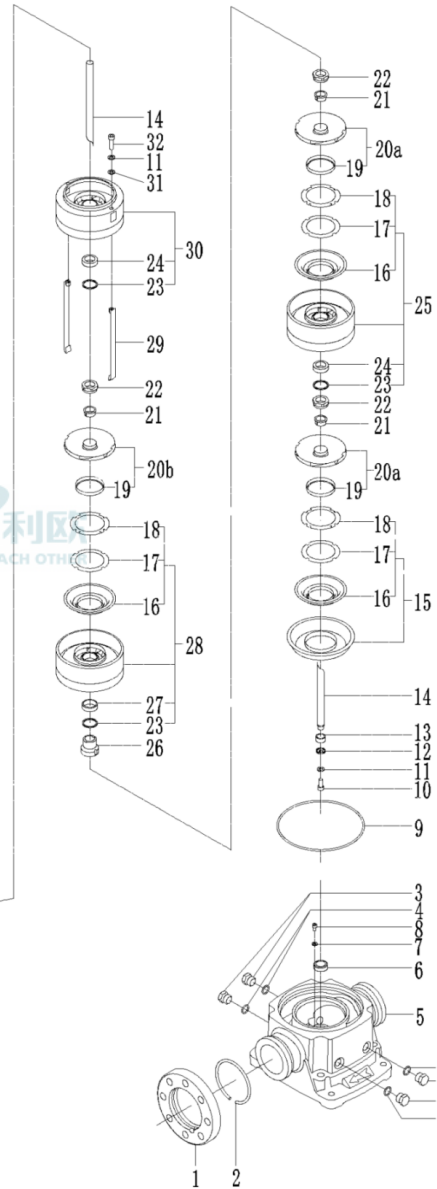
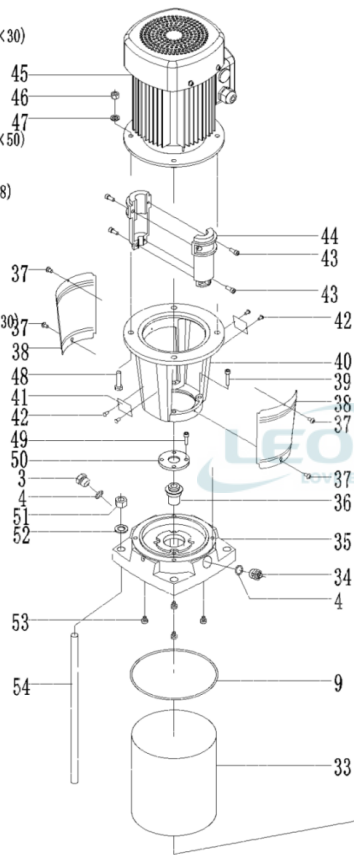
	Dimension Drawing LVR32-5	Manufacturer	LEO
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	Structure picture LVR32-5	Manufacturer	LEO
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LVR32, 45, 64, 90 explosive view

54. Staybolt
53. Adjustable washer
52. Gasket 16
51. Hexagon nut (M16)
50. Sealing flat
49. Socket head cap crew (M10×25)
48. Hexagon screw
47. Gasket
46. Hexagon nut
45. Y2 series motors
44. Half-coupling
43. Socket head cap crew (M10×30)
42. Rivet (2×4)
41. Nameplate
40. Motor base
39. Socket head cap crew (M10×50)
38. Guarding plate
37. Socket head cap crew (M5×8)
36. Cartridge seal (22型)
35. Pump head
34. Vent plug assembly
33. Pump barrel
32. Socket head cap crew (M8×30)
31. Gasket 8
30. Final diffuser
29. Bolt
28. Diffuser with bearing
27. Alloy bearing (30)
26. Sleeve assembly
25. Medium diffuser
24. Guide bearing
23. Ring
22. Locking cap
21. Split conical sleeve
- 20b. Small impeller
- 20a. Impeller
19. Wearing ring
18. Wearing ring cover
17. Wearing ring
16. Guide disk
15. Primary diffuser
14. Shaft
13. Alloy bearing (22)
12. Splined bearing
11. Spring washer 8
10. Socket head cap crew (M8×15)
9. O-ring
8. Socket head cap crew (M6×10)
7. Gasket 6
6. Alloy bearing (22)
5. Base
4. O-ring Ø17×2.65
3. Filling plug
2. Hoop
1. Flange



	Physical picture LVR32-5	Manufacturer	LEO
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