

	Product Information LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

Part NO.	50005544
----------	----------

Product Picture	Note
	LVR series vertical 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	15 m³/h
head	96 m
speed	2900 rpm
number of stages	8

Technical

Flow range (m³/h)	8-23m3/h
Curve tolerance	ISO 9906 Annex A
Head range (m)	

Material

Impeller	AISI 304
Diffuser	AISI 304
Pump shaft	AISI 304
Pump flange	0
Motor base	0
Coupling	ferrous powder metallurgy
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	25bar
Maximum inlet pressure	10bar

Installation

Connection method	DIN flange
Inlet / outlet dia.	DN50

Motor

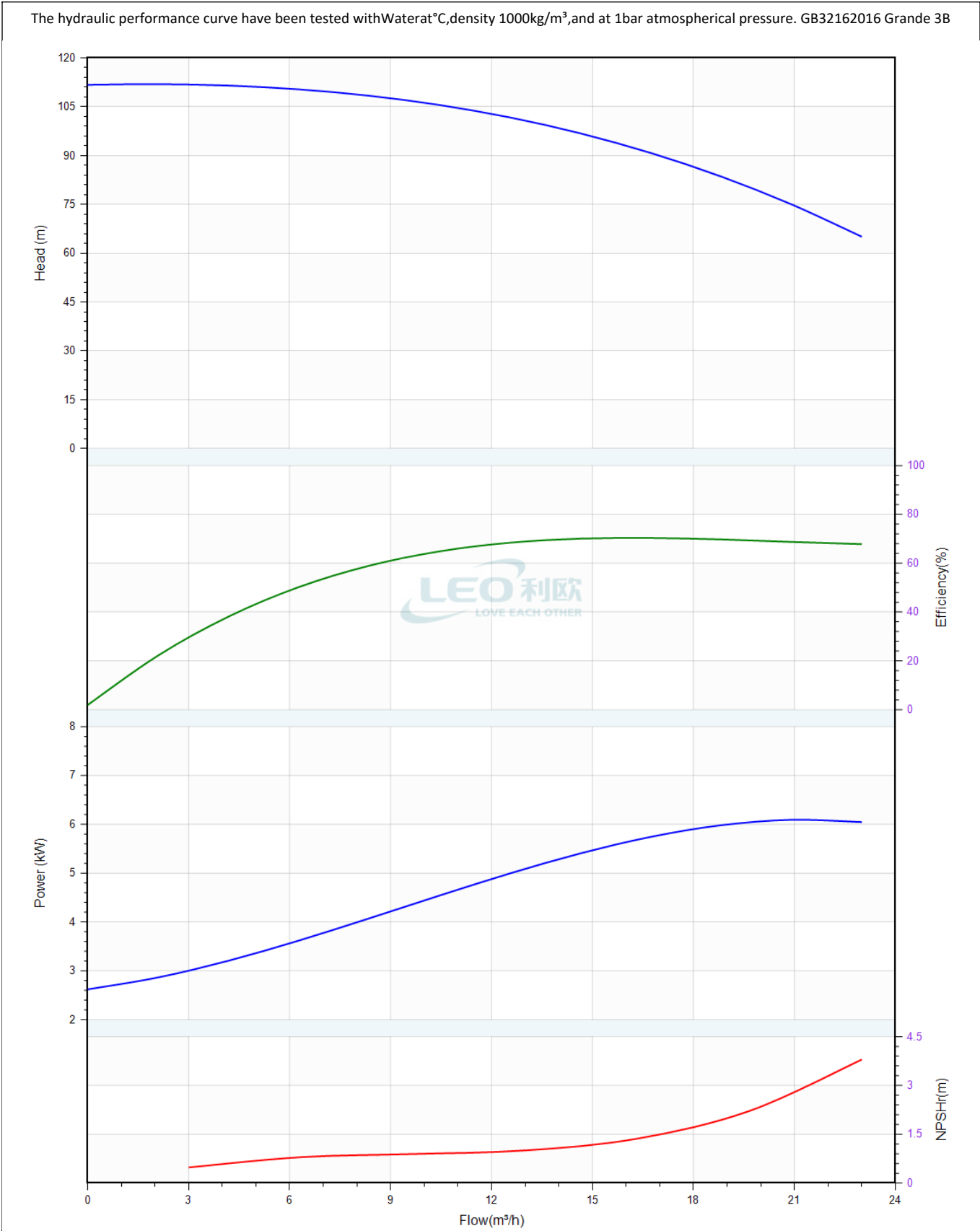
Motor phase	Three phase
Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	7.5kW
Motor model	YX3-132S2-2
Frequency	50Hz
Rated voltage (V)	380V

	Product Information LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

Rated current (A)	14.53A
Efficiency class	IE2\\IE3
Power factor	0.89
Efficiency (%)	
Weight/Packaging	
Net weight (kg)	83.6
Gross weight (kg)	94.55
Package size	1190*340*380mm

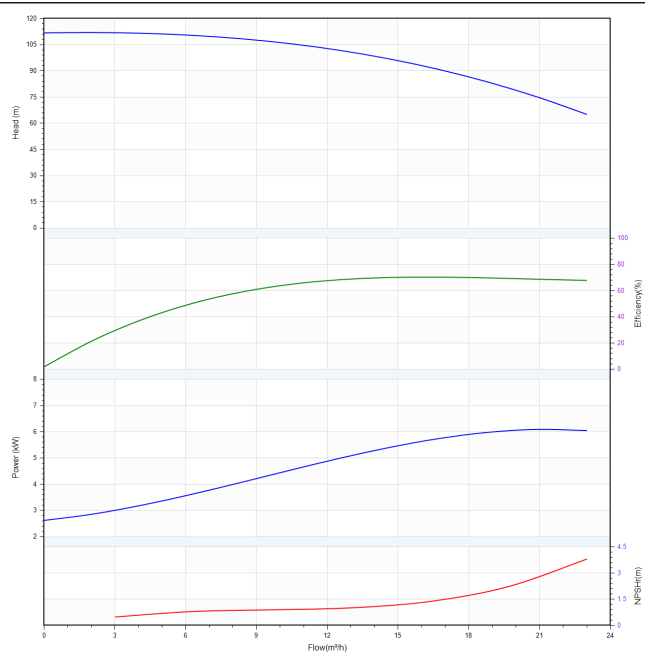


	Performance Curve LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

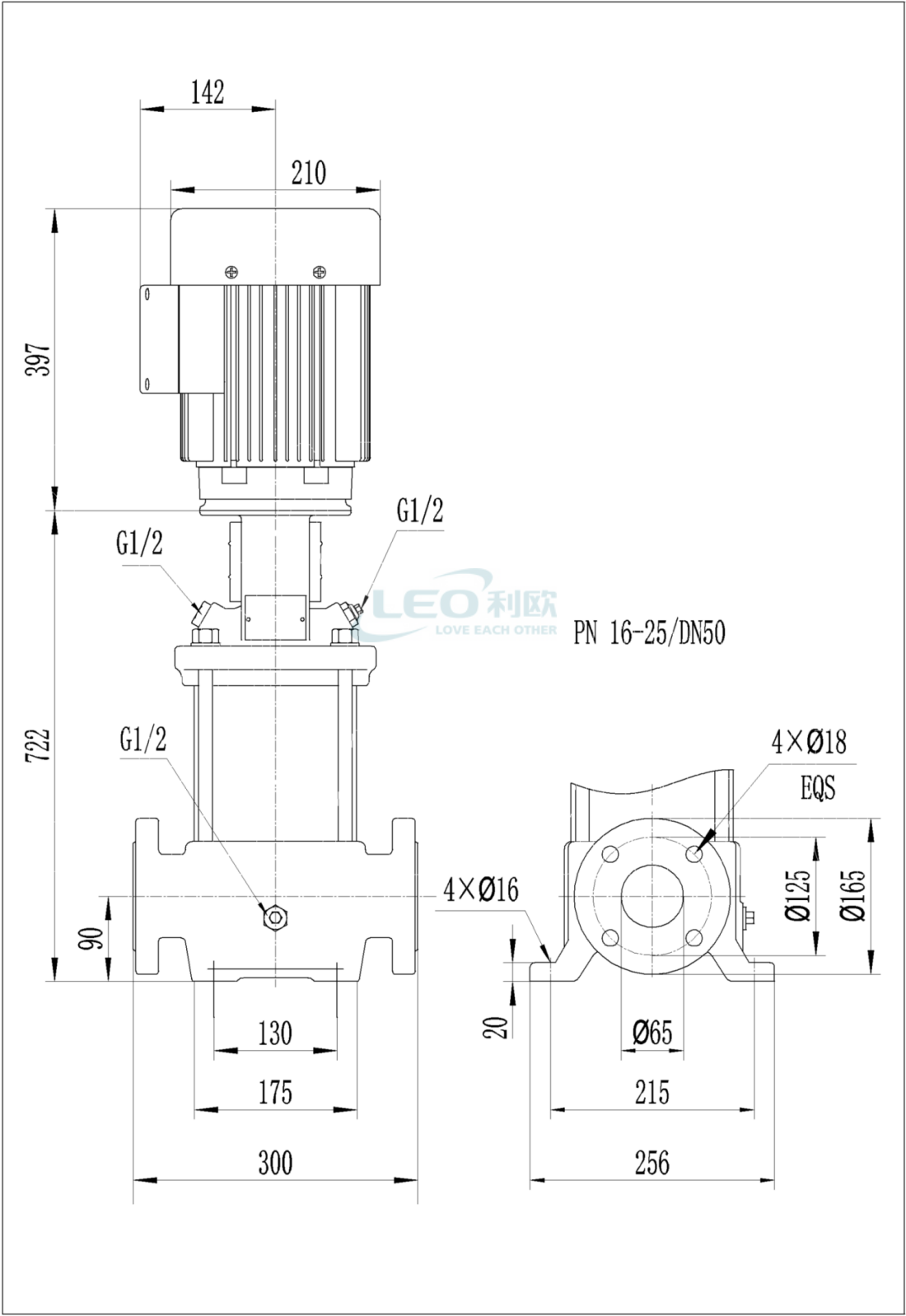


	Pump Technical Parameters LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	LVR15-8
Part NO.	50005544
Rated flow	15 m³/h
Rated head	96 m
Rated efficiency (%)	70
Power (kW)	5.61
Speed (rpm)	2900
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



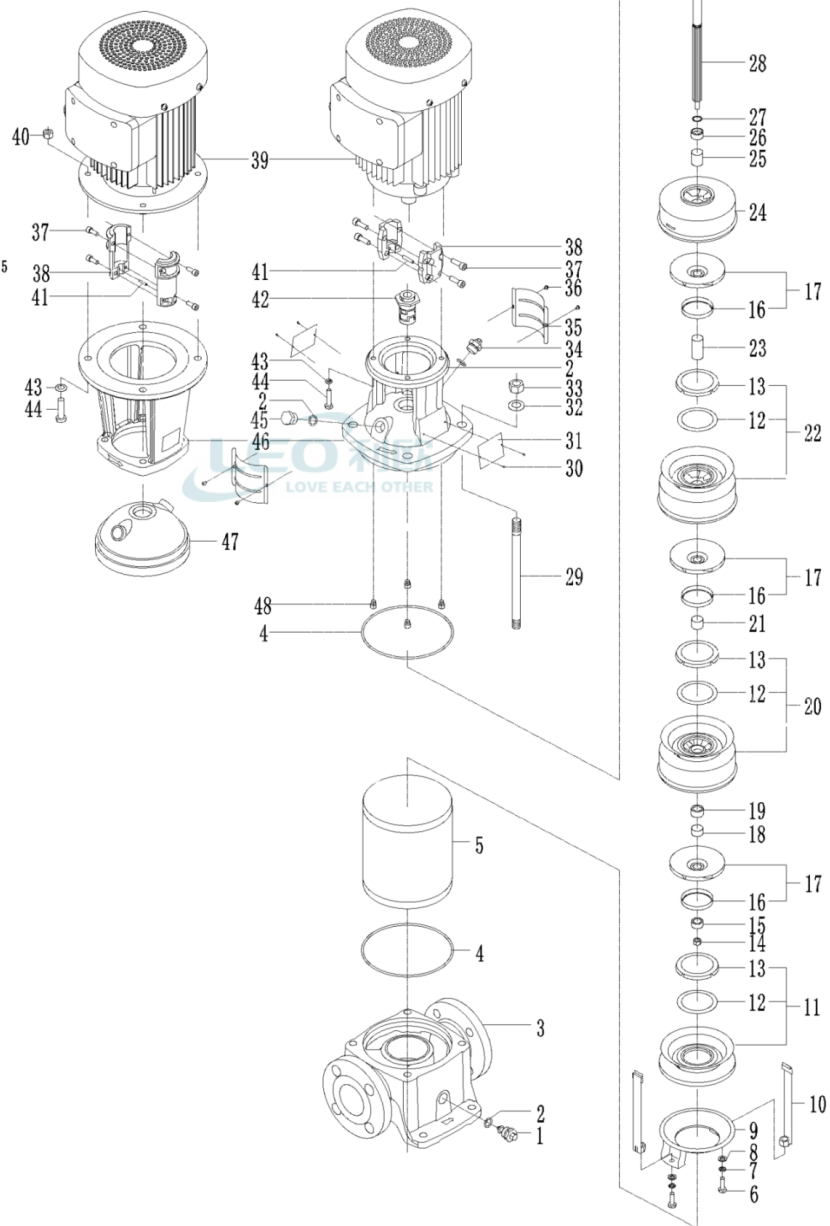
	Dimension Drawing LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	



	Structure picture LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

LVR15, 20

- 48, Adjustable washer
- 47, Pump cover
- 46, Motor base
- 45, Filling plug
- 43, Spring washer
- 42, Cartridge seal (Type 16)
- 41, Straight pin Ø5×26
- 40, Hexagon nut M16
- 39, Motor
- 38, Half-coupling
- 37, Socket head cap crew
- 36, Cross recessed pan head screw M4×5
- 35, Guarding plate
- 34, Vent plug assembly
- 33, Hexagon nut M16
- 32, Gasket 16
- 31, Nameplate
- 30, Rivet 2×4
- 29, Staybolt M16
- 28, Shaft
- 27, Ring
- 25, Orientation cover
- 25, Sleeve 25.5
- 24, Final diffuser
- 23, Sleeve 43.5
- 22, Medium diffuser
- 21, Sleeve 17
- 20, Diffuser with bearing
- 19, Splined bearing
- 18, Sleeve 12.5
- 17, Impeller
- 16, Wearing ring
- 15, Splined bearing
- 14, Locknut M8
- 13, Wearing ring cover
- 12, Wearing ring
- 11, Primary diffuser
- 10, Bolt
- 9, Filling cover
- 8, Gasket 8
- 7, Spring washer 8
- 6, Hexagon screw M8×25
- 5, Pump barrel
- 4, O-ring Ø170×3.55
- 3, Base
- 2, O-ring Ø17×2.65
- 1, Drainage plug assembly



	Physical picture LVR15-8	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/17
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

