

	Product Information LVR2-14	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/10/16
Project Name		Client Name	Spaceport
		Client Addr.	Куйбышева 95
Item NO		Contacts	
		Contact	

Part NO.	50012230
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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	2 m ³ /h
head	105 m
speed	2900 rpm
number of stages	14

Technical

Flow range (m ³ /h)	1-3.5m ³ /h
Curve tolerance	ISO 9906 Annex A
Head range (m)	

Material

Impeller	AISI 304
Diffuser	AISI 304
Pump shaft	AISI 304
Pump flange	HT200
Motor base	HT200
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	16bar
Maximum inlet pressure	15bar

Installation

Connection method	Oval flange
Inlet / outlet dia.	G1 1/4

Motor

Motor phase	Three phase
Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	1.5kW
Motor model	YX3-90S-2
Frequency	50Hz
Rated voltage (V)	380V

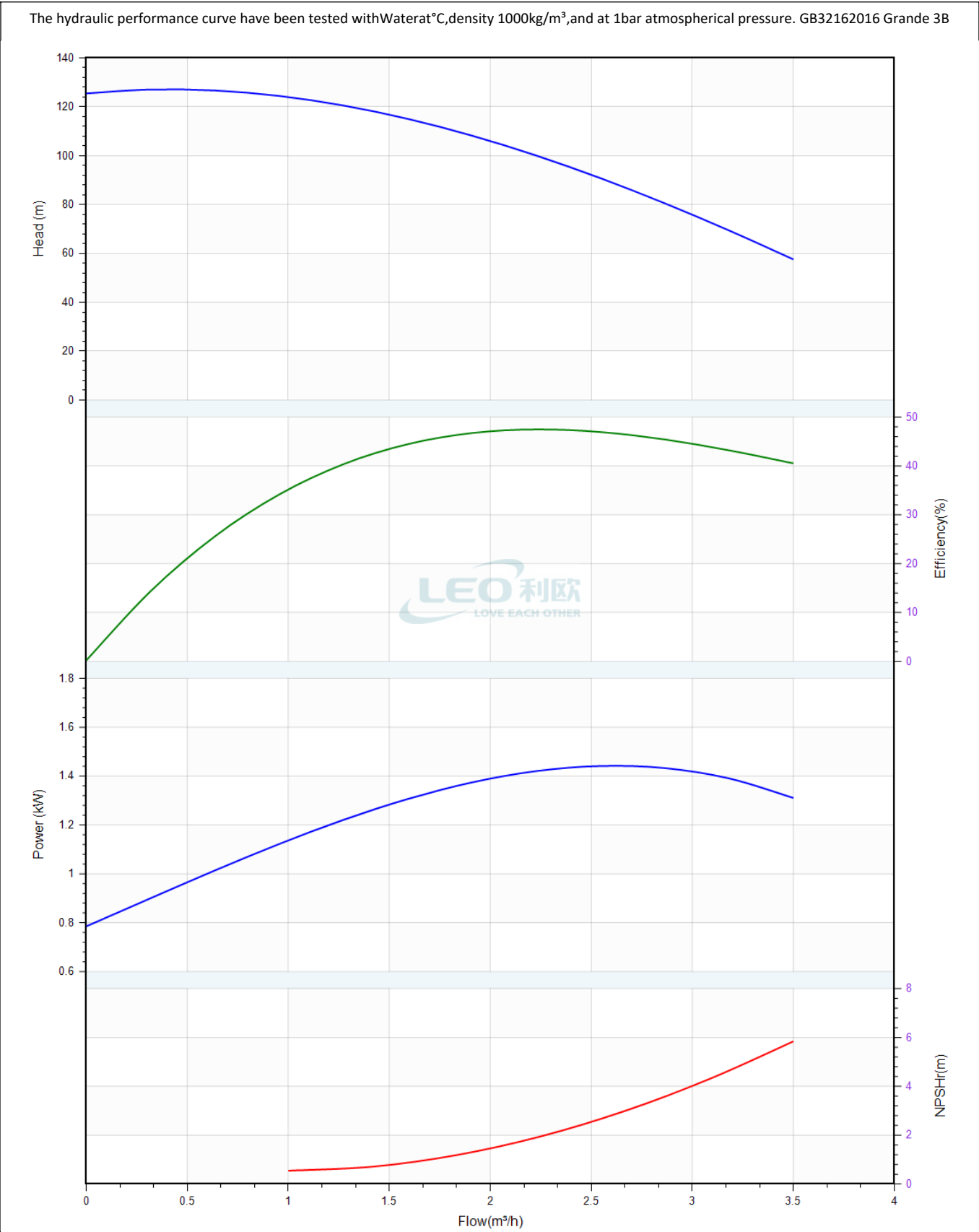
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Rated current (A) 3.3A\\4A
Efficiency class IE2\\IE3
Power factor 0.84
Efficiency (%)

Weight/Packaging
Net weight (kg) 36.33
Gross weight (kg) 45.53
Package size 855*280*305mm

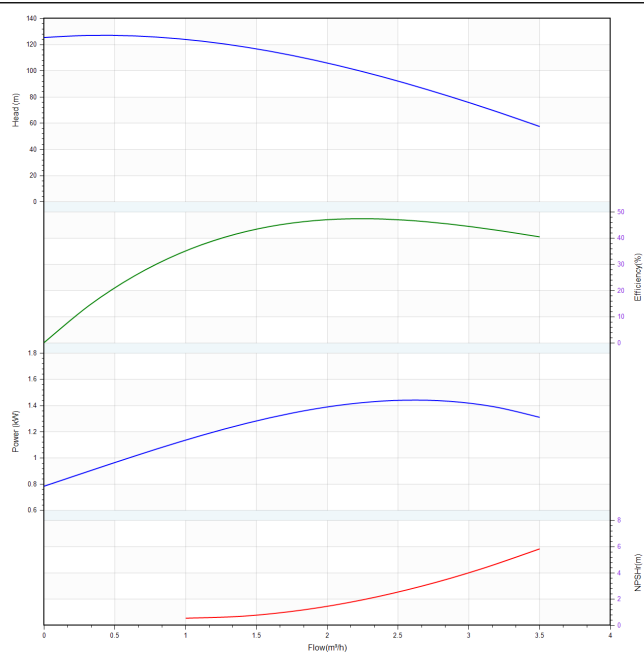


	Performance Curve LVR2-14	Manufacturer	LEO
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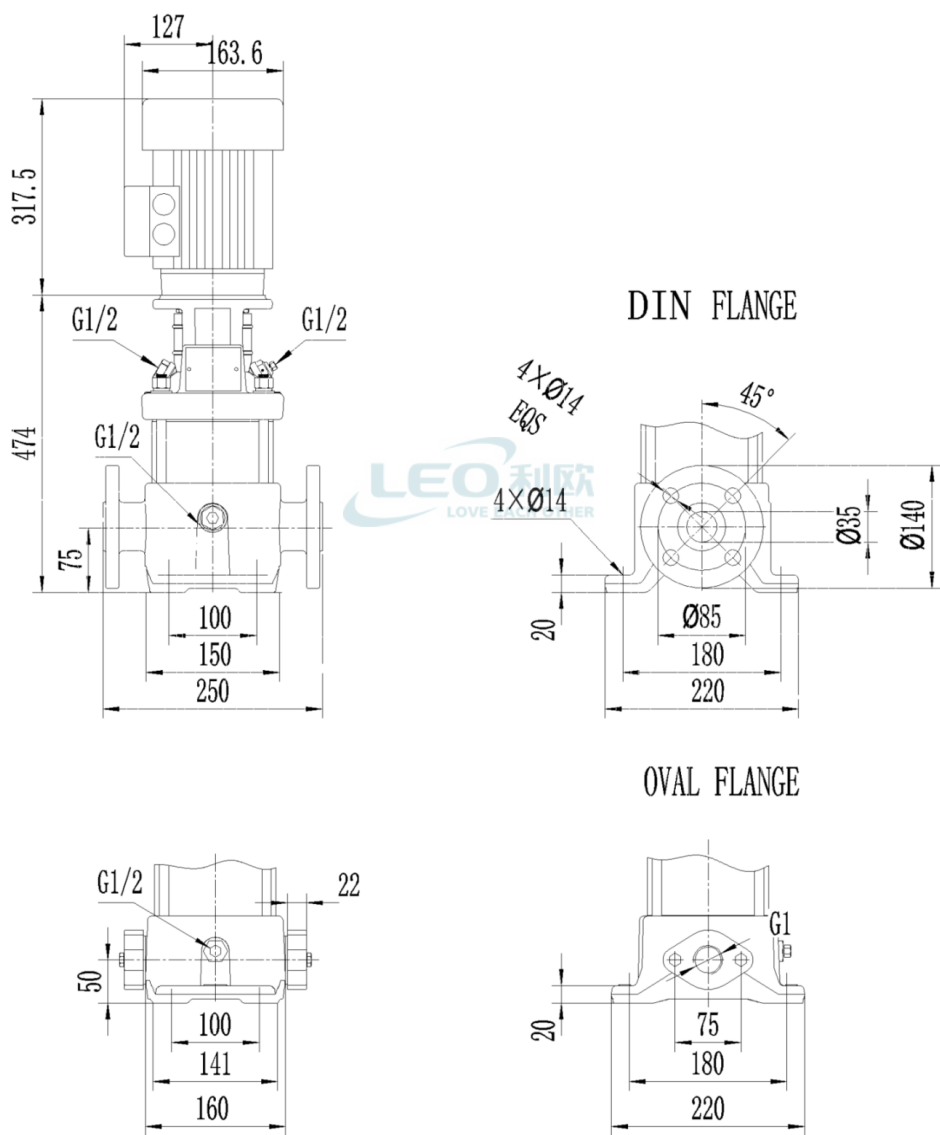


	Pump Technical Parameters LVR2-14	Manufacturer	LEO
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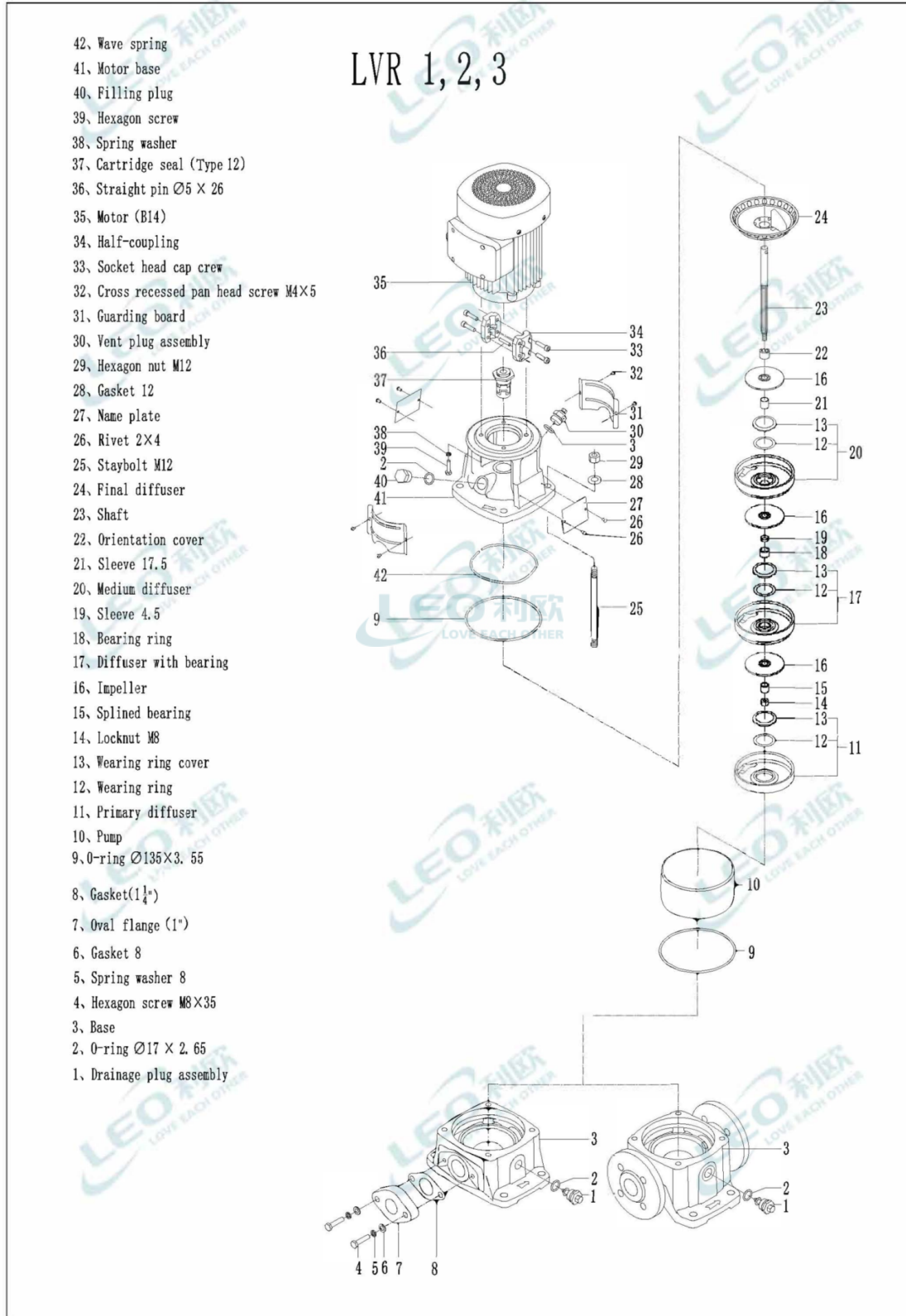
Rated parameters	
Pump model	LVR2-14
Part NO.	50012230
Rated flow	2 m³/h
Rated head	105 m
Rated efficiency (%)	47.5
Power (kW)	1.2
Speed (rpm)	2900
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Dimension Drawing LVR2-14	Manufacturer	LEO
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	Structure picture LVR2-14	Manufacturer	LEO
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	Physical picture LVR2-14	Manufacturer	LEO
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