

	Product Information LVR20-3	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.	50005190
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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	20 m³/h
head	36 m
speed	2900 rpm
number of stages	3

Technical

Flow range (m³/h)	10.5-29m3/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	8bar

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)	4kW
Motor model	YX3-112M-2
Frequency	50Hz
Rated voltage (V)	380V

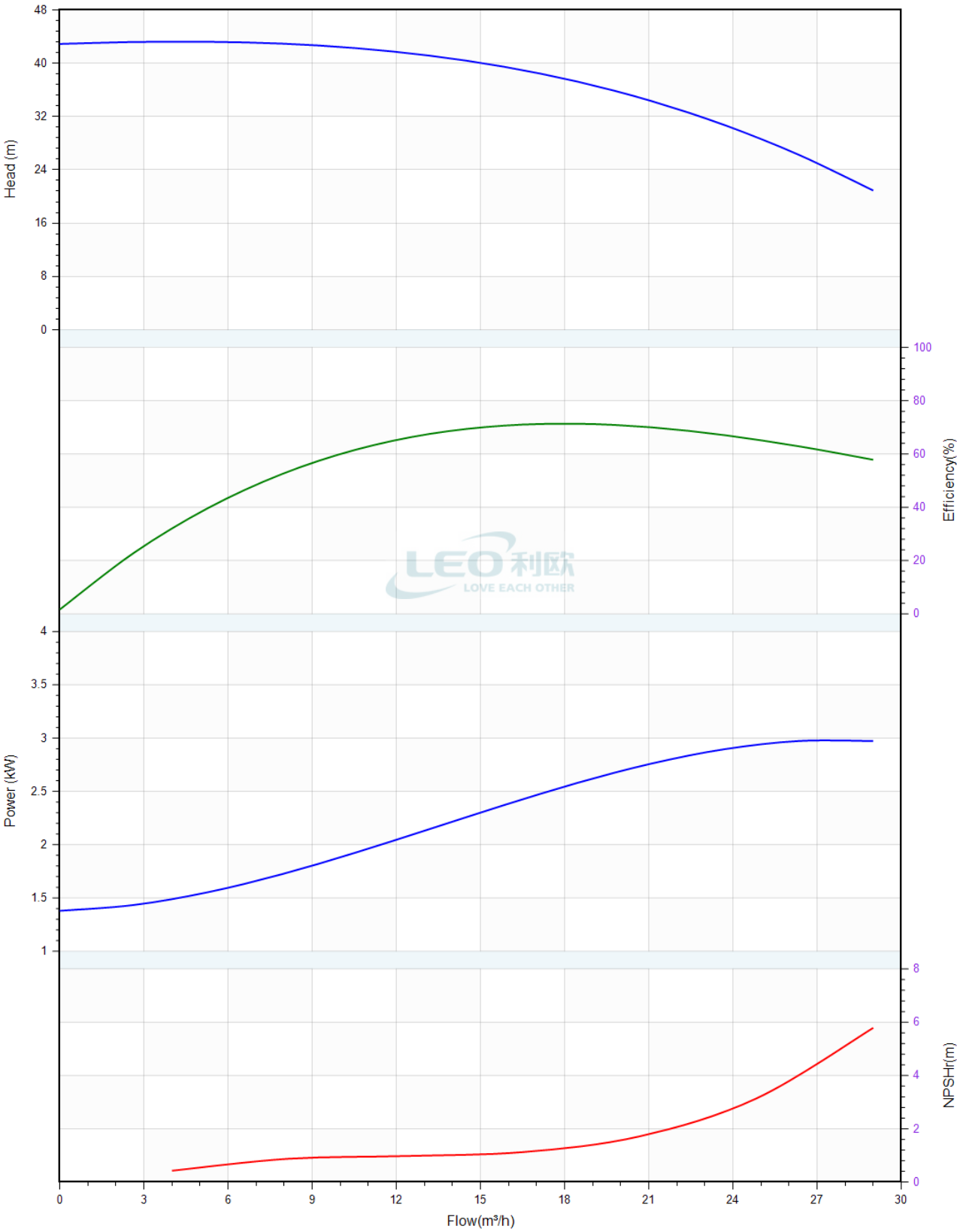
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Rated current (A)	8.05A
Efficiency class	IE2\\IE3
Power factor	0.88
Efficiency (%)	
Weight/Packaging	
Net weight (kg)	60.85
Gross weight (kg)	67.65
Package size	890*310*370mm



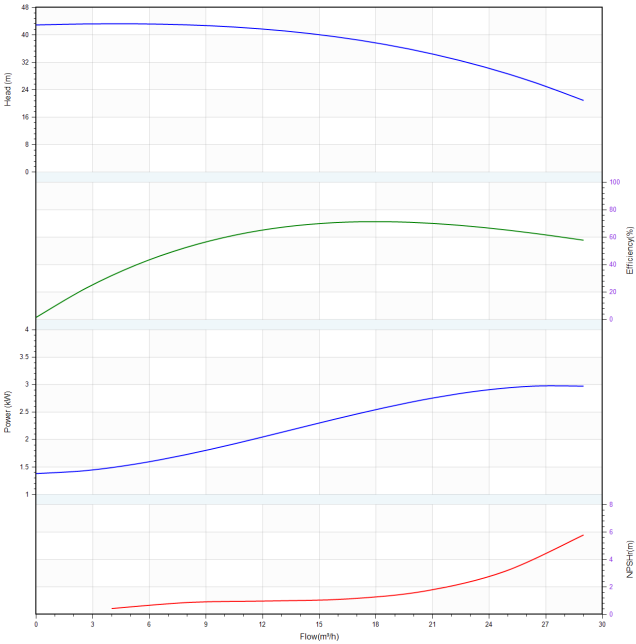
	Performance Curve LVR20-3	Manufacturer	LEO
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The hydraulic performance curve have been tested with Water at $^{\circ}\text{C}$, density 1000kg/m^3 , and at 1bar atmospherical pressure. GB32162016 Grande 3B

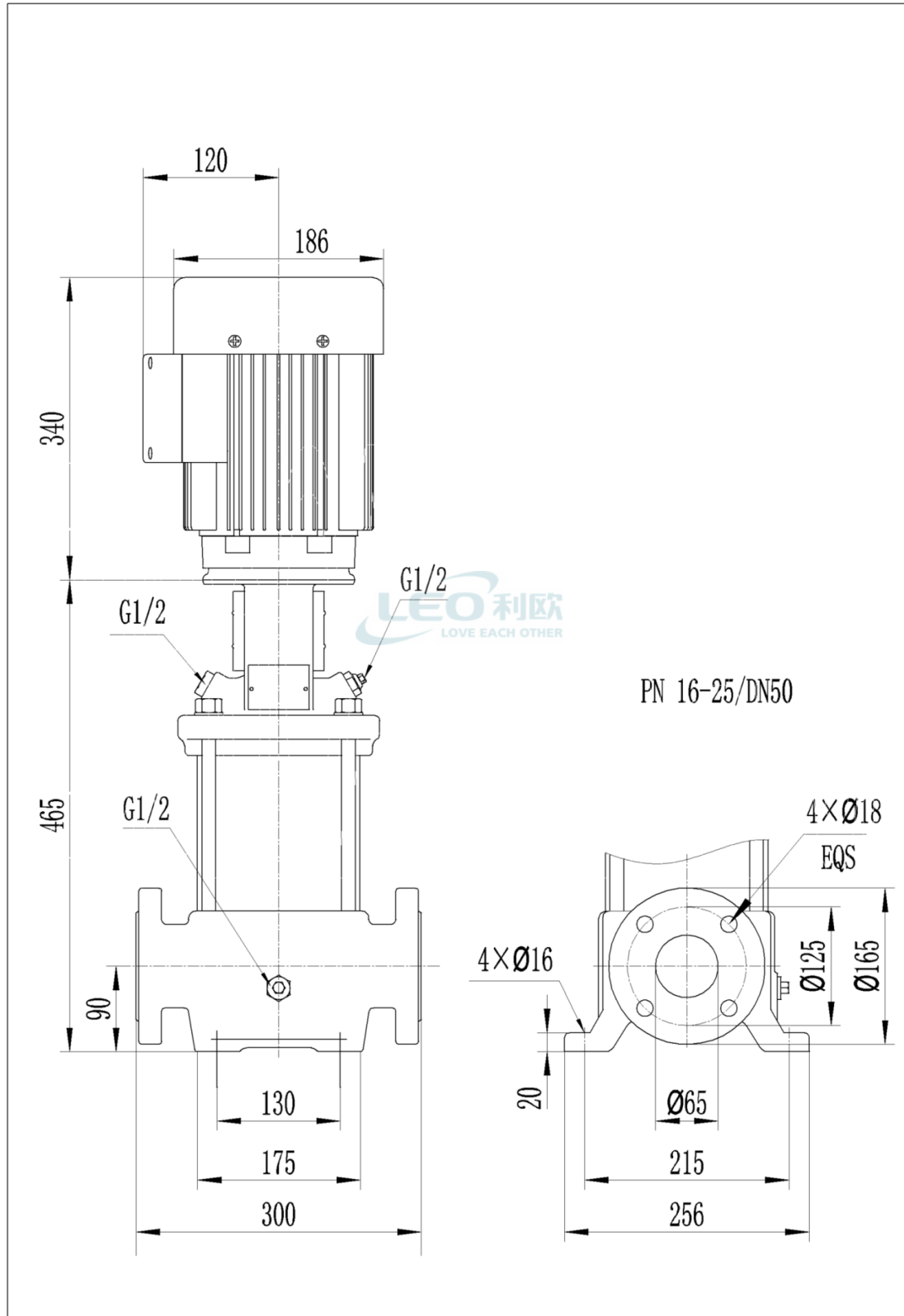


	Pump Technical Parameters LVR20-3	Manufacturer	LEO
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Rated parameters	
Pump model	LVR20-3
Part NO.	50005190
Rated flow	20 m³/h
Rated head	36 m
Rated efficiency (%)	72
Power (kW)	2.72
Speed (rpm)	2900
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

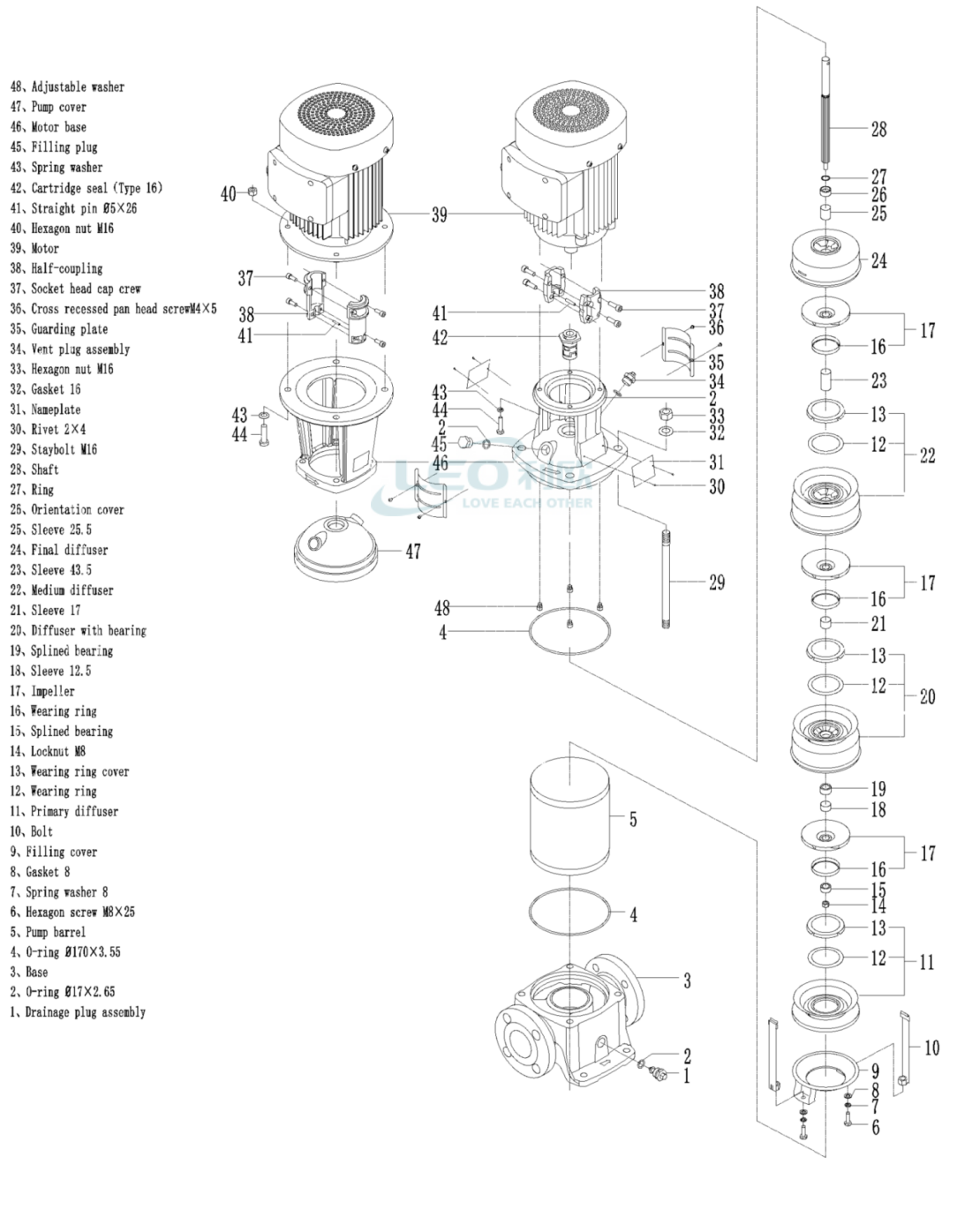


	Dimension Drawing LVR20-3	Manufacturer	LEO
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	Structure picture LVR20-3	Manufacturer	LEO
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LVR15, 20



	Physical picture LVR20-3	Manufacturer	LEO
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