

	Product Information LVR5-18	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	

Part NO.	50005554
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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	5 m ³ /h
head	98 m
speed	2900 rpm
number of stages	18

Technical

Flow range (m ³ /h)	2.5-8.5m 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

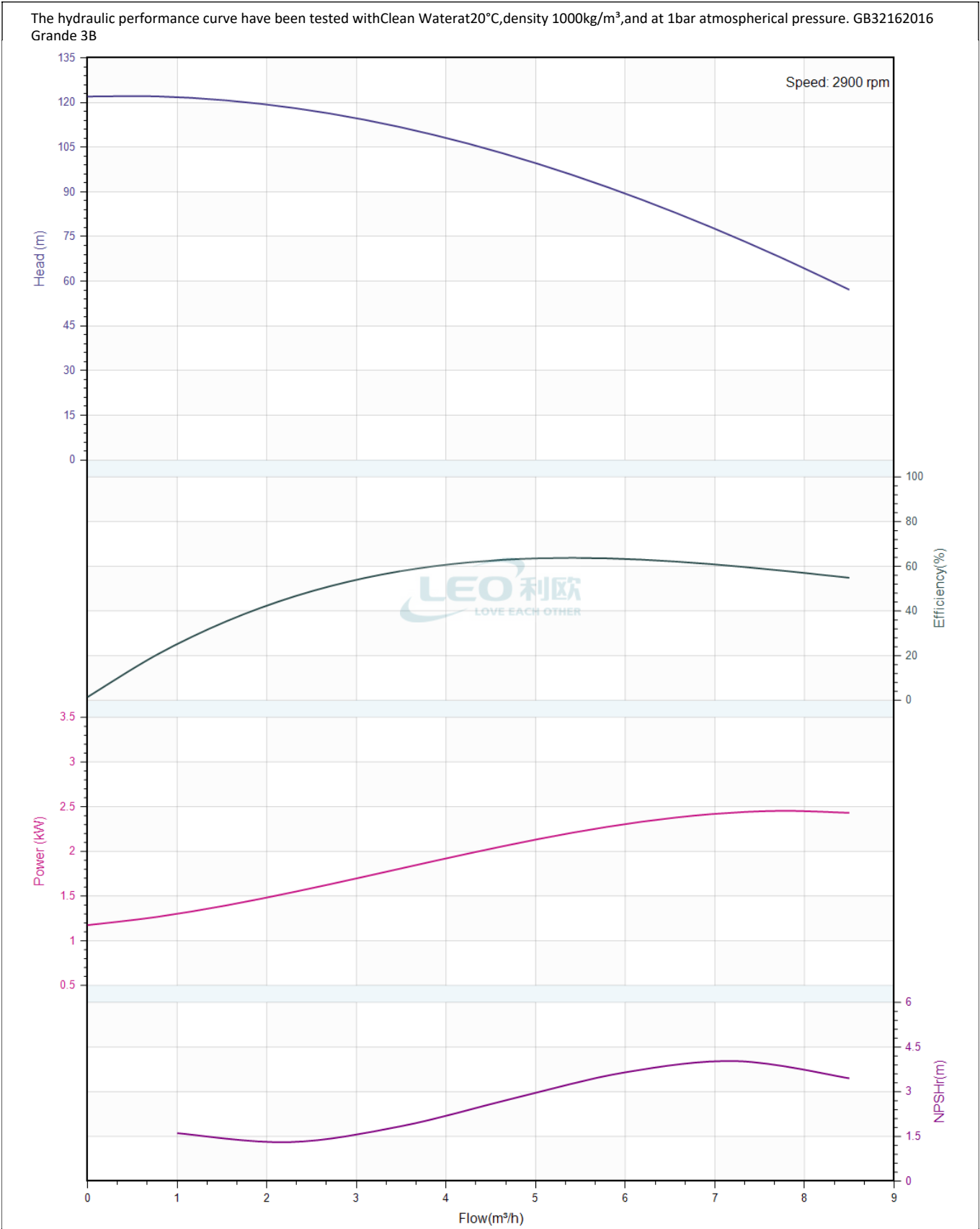
Motor

Motor phase	Three phase
Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	3kW
Motor model	YX3-100L-2
Frequency	50Hz
Rated voltage (V)	380V

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Rated current (A)	6.2A
Efficiency class	IE2
Power factor	0.87
Efficiency (%)	
Weight/Packaging	
Net weight (kg)	48.25
Gross weight (kg)	56.52
Package size	1112*280*330mm
	

	Performance Curve LVR5-18	Manufacturer	LEO
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Item NO		Contacts	
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	Pump Technical Parameters LVR5-18	Manufacturer	LEO
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Rated parameters	
Pump model	LVR5-18
Part NO.	50005554
Rated flow	5 m³/h
Rated head	98 m
Rated efficiency (%)	60
Power (kW)	2.23
Speed (rpm)	2900
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

Speed 2900 rpm

Flow (m³/h)	Head (m)	Efficiency (%)	Power (kW)	NPSH (m)
0	120	0	1.1	1.2
1	118	10	1.2	1.1
2	115	20	1.4	1.1
3	110	35	1.7	1.2
4	105	50	2.0	1.5
5	100	60	2.2	2.0
6	90	60	2.3	3.5
7	80	60	2.3	4.5
8	70	60	2.3	4.2
9	60	60	2.3	4.0



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Pump model LVR5-18
Part NO. 50005554
Product price
Quantity 1
Total price

Inquiry notes

