

	Product Information LVR5-10	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/19
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	Maksim Sokolov
		Contact	+79059301333

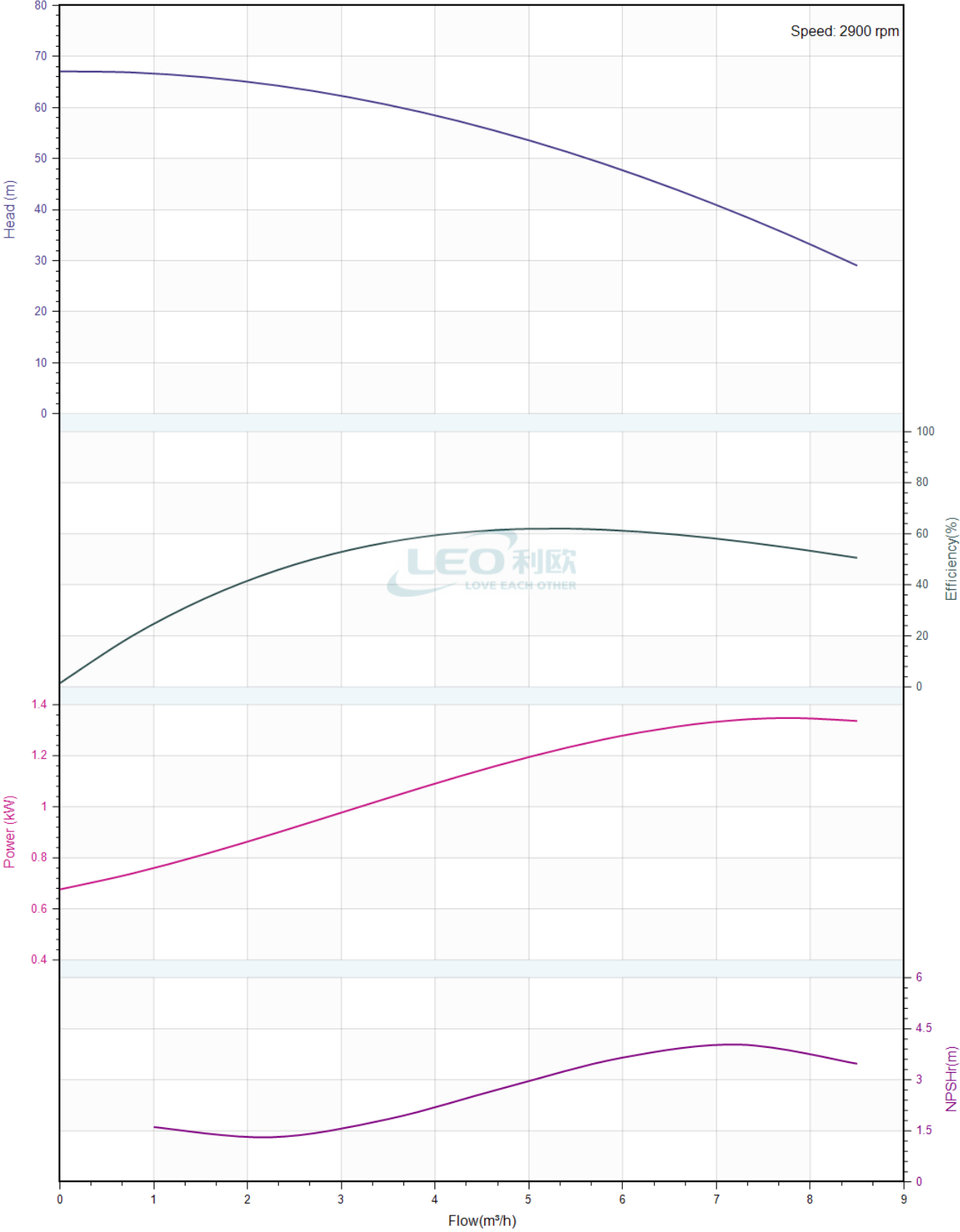
Part NO.	50004844		
Product Picture		Note	
		LVR series verrtical multistage centrifugal pump is applicable to transfer liquids without solid particles<0.2mm and fiberslow viscositynon-inflammable non-explosive and not easy vaporization. Widely used in high-rise building water supply and drainageWater 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	5 m³/h		
head	53 m		
speed	2900 rpm		
number of stages	10		
Technical			
Flow range (m³/h)	2.5-8.5m3/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	10bar		
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
Efficiency class	IE2
Power factor	0.84
Efficiency (%)	
Weight/Packaging	
Net weight (kg)	35.63
Gross weight (kg)	43.45
Package size	872*280*305mm
	

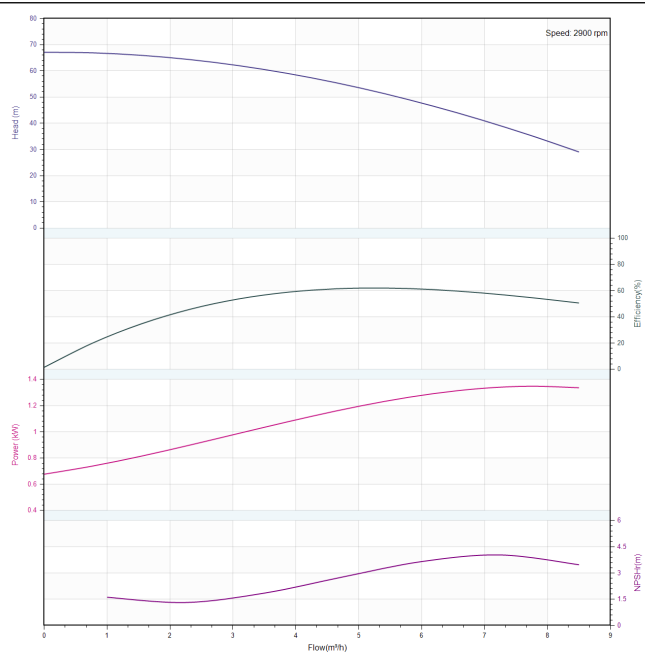
	Performance Curve LVR5-10	Manufacturer	LEO
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospherical pressure. GB32162016 Grande 3B



	Pump Technical Parameters LVR5-10	Manufacturer	LEO
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Rated parameters	
Pump model	LVR5-10
Part NO.	50004844
Rated flow	5 m³/h
Rated head	53 m
Rated efficiency (%)	60
Power (kW)	1.2
Speed (rpm)	2900
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Dimension Drawing LVR5-10	Manufacturer	LEO
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