

	Product Information LVR20-6	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/18
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	Maksim Sokolov
		Contact	+79059301333

Part NO.	50005188		
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	20 m³/h		
head	72 m		
speed	2900 rpm		
number of stages	6		
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	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		

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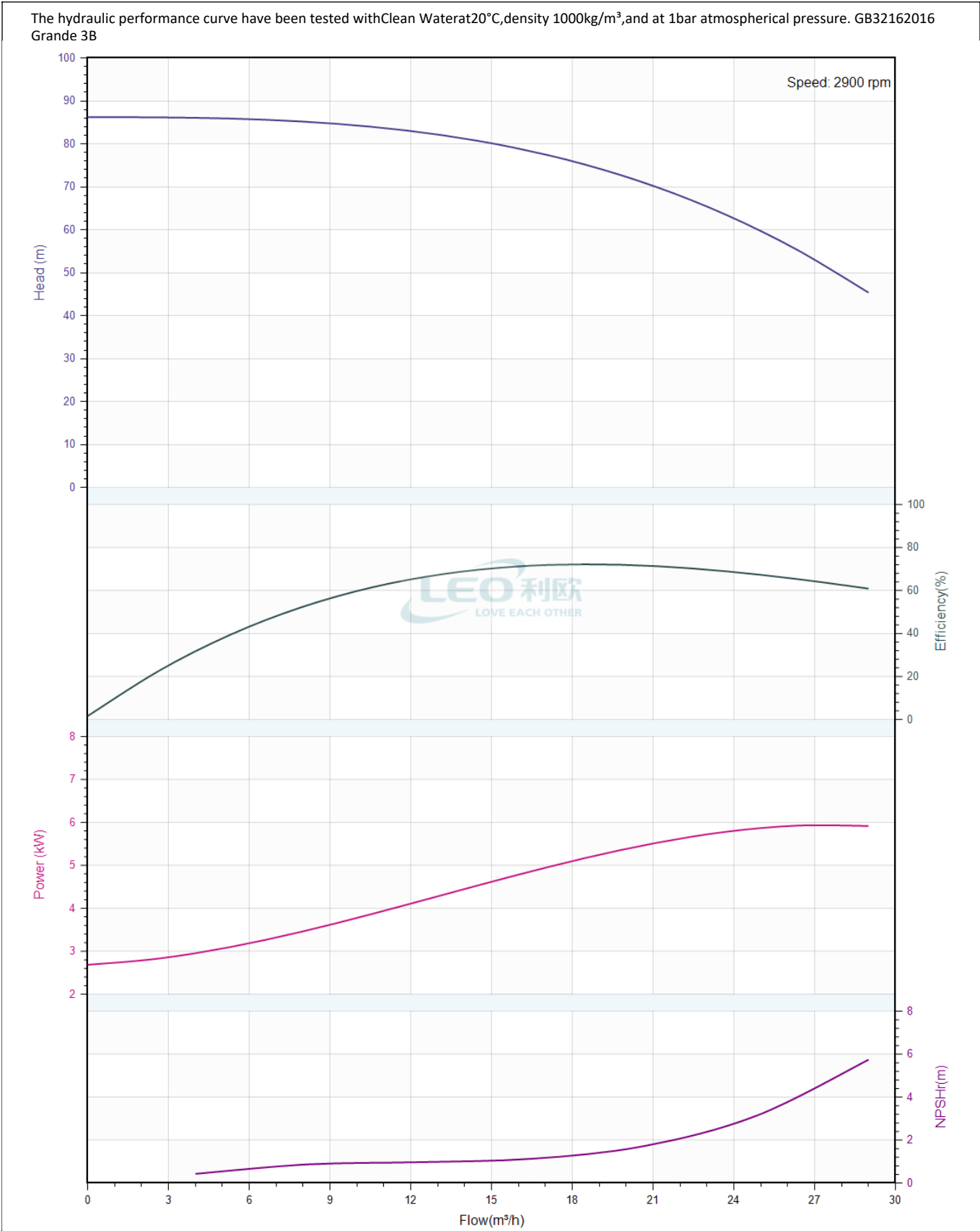
Rated current (A) 14.53A
Efficiency class IE2
Power factor 0.89
Efficiency (%)

Weight/Packaging

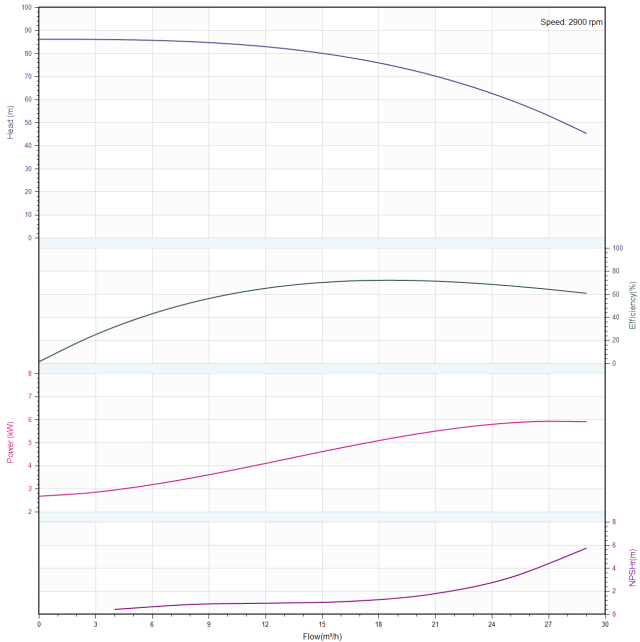
Net weight (kg) 75.08
Gross weight (kg) 87.88
Package size 1100*340*380mm



	Performance Curve LVR20-6	Manufacturer	LEO
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	Pump Technical Parameters LVR20-6	Manufacturer	LEO
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Rated parameters		
Pump model	LVR20-6	
Part NO.	50005188	
Rated flow	20 m³/h	
Rated head	72 m	
Rated efficiency (%)	72	
Power (kW)	5.45	
Speed (rpm)	2900	
Medium		
Pumped medium	Clean Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	



	Dimension Drawing LVR20-6	Manufacturer	LEO
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