

	Product Information LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
		Address	Taizhou City, Zhejiang Province
		Contact	86-576-8998-6360
		Date	2024/10/25
		Client Name	LEO Sibir LLC
Project Name		Client Addr.	Novosibirsk
Item NO		Contacts	Maksim Sokolov
		Contact	+79059301333

Part NO.	LPP100-16-7.5/4		
Product Picture: (Note: Images may not be the same as the product)		Note	
		This series products are vertical in-line centrifugal pump. Standard configuration Mechanical sealstandard motor. In daily maintenance the motor and impeller can be removed from the pump body for the maintenance and repairno need to remove pump body from the pipeline. Optimization design of impeller by CFD fluid simulation and analysis technologyless axial force longer bearing life. Appearance designed by Italy professional shape design teamthe most advanced modular design concept. The surface of the whole machine adopts electrophoretic coating process, have better anti-corrosion effect.	

Nameplate parameters

Flow	115 m³/h
Head	16 m
Speed	1480 rpm

Technical

Curve tolerance	IS09906 AnnexA
Maximum lift (m)	19
Minimum usage flow (m³/ h)	12
Maximum use flow (m³/ h)	150

Material

Impeller	QT400
Pump inlet	HT200
Pump shaft	AISI304
Mechanical seal	SiC/C
O-ring	NBR

Working conditions

Max. ambient temperature (°C)	40
Max. liquid temperature (°C)	90
Pumped medium	Thin, clean, non corrosive, non flammable and explosive liquid without solid particles and fibers.
Working pressure	10bar&&16bar

Installation

Inlet & Outlet Diameter	DN100
Connection standard	DIN

Motor

Motor phase	Three phase
Protection class	IP55
Motor poles	4
Insulation class	F
Motor power (KW)	7.5KW
Frequency	50
Rated voltage (V)	380
Rated current (A)	15.0061513637675
Efficiency class	IE3
Power factor	0.84
Drive end bearing	7308

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Motor

Non-drive end bearing	6208
Efficiency (%)	90.4

Weight/Packaging

Gross weight (kg)	254
Package size	1130*740*670

Technical

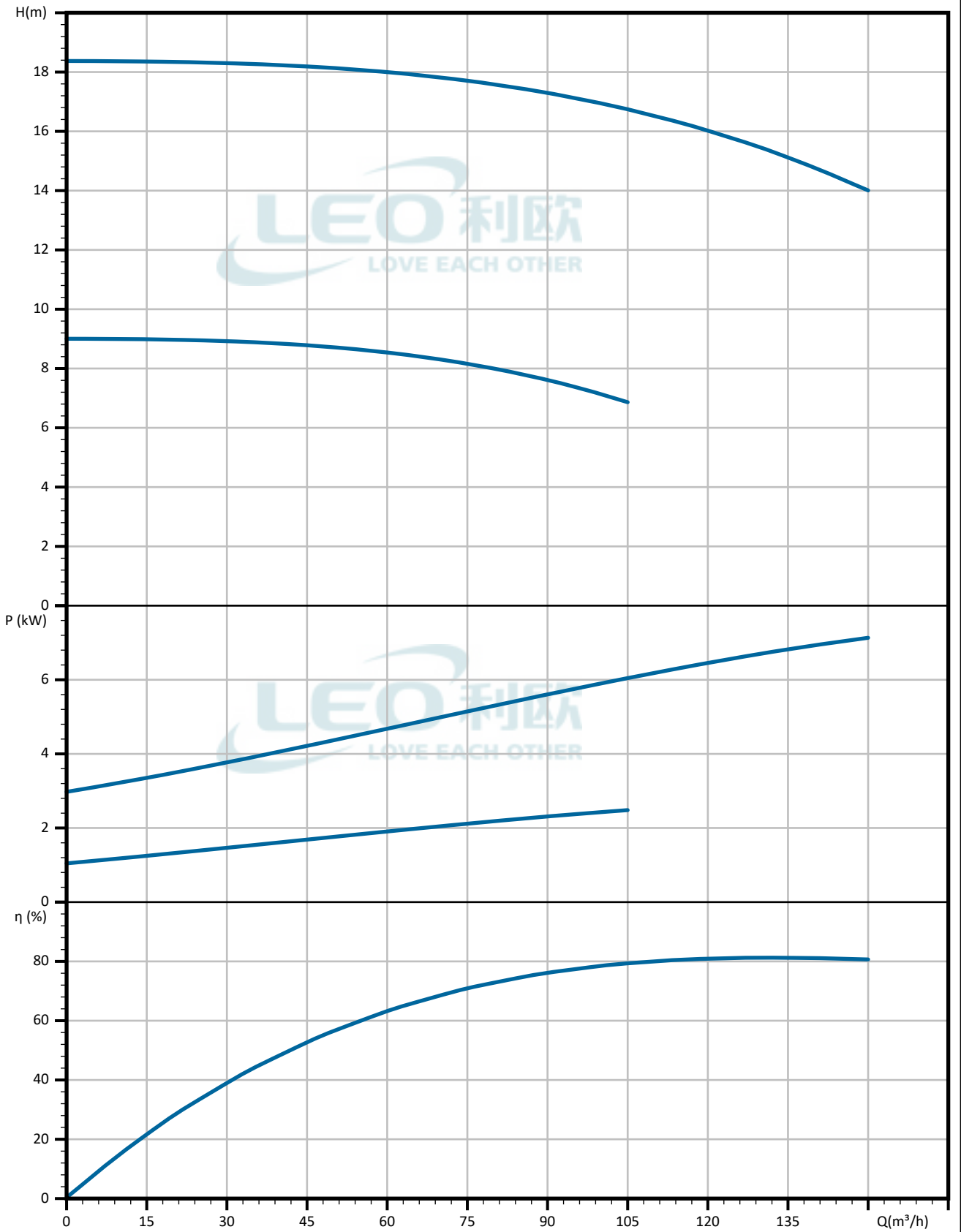
Picture grouping

V1

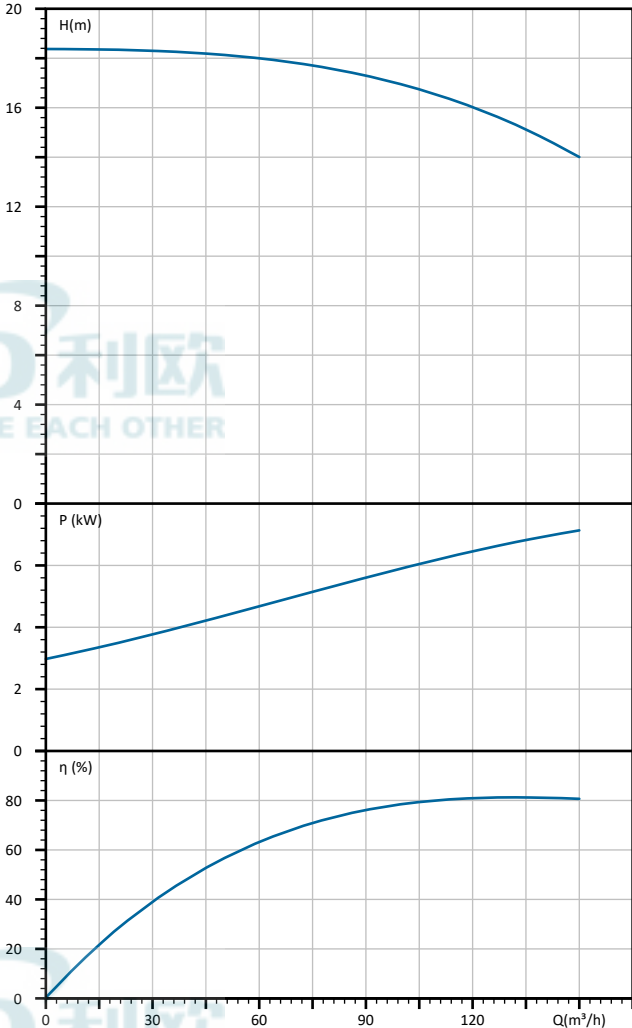


	Performance Curve LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
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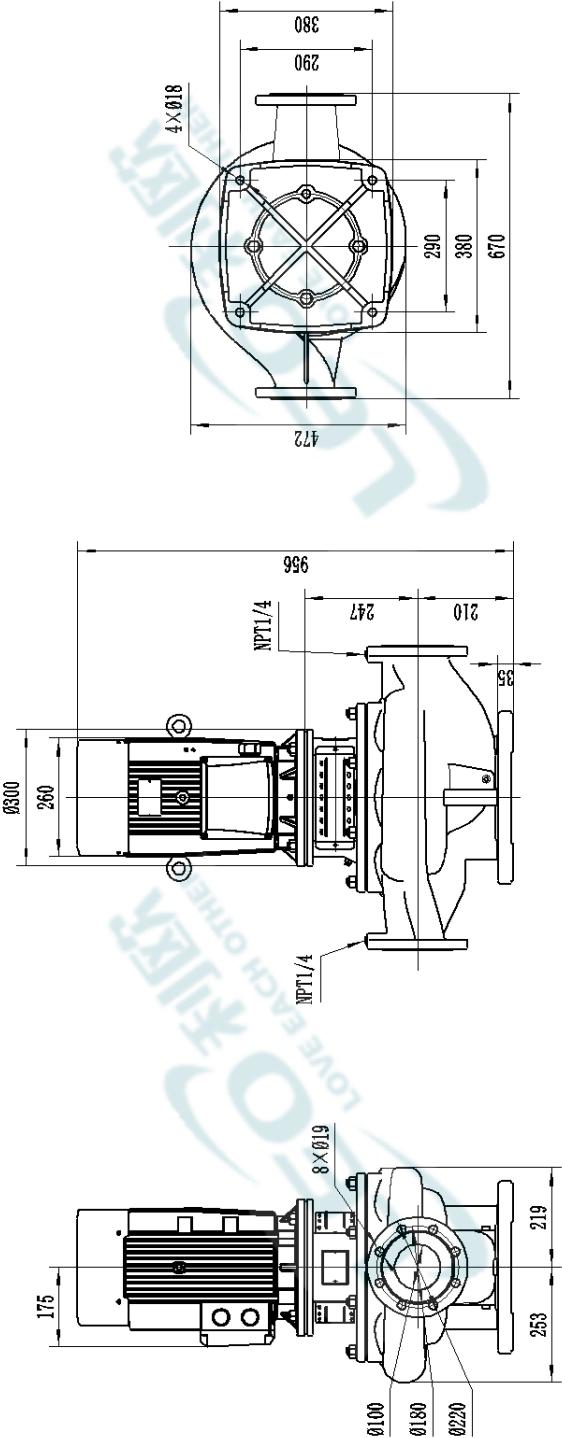
The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospherical pressure. ISO99062012 Grade 3B



	Pump Technical Parameters LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
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Rated parameters		
Pump model	LPP100-16-7.5/4	
Part NO.	LPP100-16-7.5/4	
Rated flow	115 m³/h	
Rated head	16 m	
Speed (rpm)	1480	
Max impeller diameter (mm)	242	
Medium		
Pumped medium	Clean Water	
Working temperature (°C)	20	
Medium density (kg/m³)	1000	
Viscosity (mm²/s)	1	

	Installation picture LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
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	Physical picture LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
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	Order Data LPP100-16-7.5/4	Manufacturer	LEO GROUP PUMP(ZHEJIANG) CO., LTD
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Pump model LPP100-16-7.5/4
Part NO. LPP100-16-7.5/4
Product price
Quantity 1
Total price

Inquiry notes