



LQDLWF/LQDWJ卧式不锈钢多级离心泵  
LQDLFD不锈钢轻型立式静音多级离心泵  
LQDL不锈钢轻型立式多级离心泵  
LQDLF不锈钢轻型立式多级离心泵

LQDWF/LQDWJ(T)Lightweight Stainless Steel Horizontal Multistage Centrifugal Pump  
LQDLFD Stainless Steel Light Vertical Mute Multistage Centrifugal Pump  
LQDL Stainless Steel Light Vertical Multistage Centrifugal Pump  
LQDLF Stainless Steel Light Vertical Multistage Centrifugal Pump

# 公司简介

上海莲盛泵业制造有限公司上海莲盛水泵厂创建于六十年代，是国内著名的大型给排水设备生产制造企业。专业研制开发、生产制造、测试鉴定、销售服务等先进的“莲盛”牌水泵（消防泵）、电气（变频）自动控制成套供水设备，产品广泛应用于城市、矿山、化工、锅炉、空调、消防等行业给排水以及适用宾馆、酒店、大厦、旅游、娱乐场所、军事等工程领域的应用。不断前进中的莲盛泵业正与同行与时俱进，销售网络遍及全国各地。

竞争中的莲盛泵业，技术力量雄厚，拥有一支高素质的管理层和员工队伍及配套设施的现代化生产、管理控制设备，并拥有高科技的集信息、科研、设计、试制、鉴定于一体化的水泵研究所，可随时根据市场（顾客）动态，不断研发新产品，满足市场（顾客）的不断变化需求。

发展中的莲盛泵业是最早得到ISO9001；2008国内、国际质量体系认证，并以中国泵业协会、上海市商标协会、上海市先进企业、中国名牌产品为企业形象维护准则，制造出了一个又一个的优秀产品成果。产品在上海市第三、第四、第五、第六届技术交流会上获“节能产品奖”，全国星火火炬成果适用技术展览会上获“银奖”，上海市科学成果“三等奖”，全国创造发明竞赛“优秀产品奖”，上海市第五届科学技术博览会上莲盛牌系列产品获“金奖”，并在2003年成为首届国家级“重合同、守信用”企业，获得了中国政府的LC（信用证），“莲盛”牌商标连续两届被上海市认定为“上海市著名商标”的称号。

奋进中的莲盛泵业以“实实在在的产品、实实在在的质量、实实在在的服务、实实在在的诚信”为宗旨，不断推出“莲盛”牌卓越产品面向市场，共创未来共同发展的市场和辉煌。

# Company Profile

Shanghai Liansheng Pump Making Co., Ltd (Shanghai Liansheng pump Factory), established in the sixties, is well-known large-scale domestic water supply and drainage equipment manufacturing enterprise. It specializes in research and development, manufacturing, testing, identification and sales services for complete advances LianSheng water pumps (fire pumps) and electrical (frequency-conversion) automatic water supply devices. Its products are widely used in cities, mines, chemical industry, boilers, air-conditioning and other fields for water supply and drainage as well as in guesthouses, buildings, tourism, entertainment places, and other engineering fields. The ever-ongoing company is advancing with the times together with its peers. Its sales network covers the whole country.

The company has a strong technical force in competition, high quality management and ordinary employees, complete modern production, management and control equipment and a high-tech water pump research institute integrating information, research, design, trial production and identification, which enables it to keep developing new products according to the market (customer) trends to meet their ever-changing market (customer) needs.

As one of the enterprises passing the domestic and international ISO9001:2008 quality system certifications, this growing company maintains its image in line with the requirements of the China General Machinery Industry Association pump Association, Shanghai Trademark Association, Advanced Enterprise of Shanghai and China Top-Brand Products, and has produced many excellent products. Some of its products were granted the "Energy-saving Product Award" of the third, fourth, fifth and sixth technical exchanges of Shanghai, the Silver Award of the National Spark Cup Achievement Application Technology Exhibition, the third prize of the Scientific Achievement Award of Shanghai, and the "Excellent Product Award" on the National Invention Contest. Several products from LianSheng Brand were granted the golden prize on the Fifth Science and Technology Exhibition of Shanghai. In 2003, the company was selected as a First National "Trustworthy Enterprise" and obtained the LC (letter of credit) of the Chinese government. The Liansheng trademark was, for two consecutive times, granted the title of "Famous Trademark of Shanghai" by Shanghai. Adhering to the tenet of "Concrete Products, Quality, Services and Good Faith", the enterprising company always launches excellent products of the Liansheng brand to the market, creating common development based market and splendor in the future.

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# 莲盛泵业

## 产品介绍



LQDL



LQDLF



LQDLFD

LQDL, LQDLF, LQDLFD, 泵为不锈钢轻型立式多级离心泵，结构不同水力性能一样。

- 其结构为立式，可直接安装在水平管路系统中，结构紧凑，节省空间。
- LQDL, LQDLF具有不同规格和不同级数以满足不同的流量和压力。
- LQDL, LQDLF应用广泛，从饮用水到化工介质的输送，还可应用于多样系统中。
- LQDL, LQDLF泵主要由两个部件组成，电机，泵头，根据不同输送介质，可以选择不同材质的泵。
- LQDL适用于清洁、无腐蚀性液体，如：饮用水、油等
- LQDLF适用于清洁、轻度腐蚀性液体，如：盐水、酸等
- LQDLFD为不锈钢轻型立式静音多级离心泵，由两个部件组成，低噪音电机，泵头，其中水冷低噪音电机是我们公司近些年环保降噪的重点经过长期研制，开发的新产品。本产品特点：电机不用风扇冷却，采用水冷，冷却效果好，电机过载能力强，噪音低，易于人耳环境，不会产生噪音干扰，是新一代环保节能产品。



LQDWJ(T)



LQDWF

LQDWF, LQDWJ (T) 泵为不锈钢轻型卧式多级离心泵。

- 其电机轴为加长轴，结构紧凑，泵尺寸很小。
- 液体从轴向入口，径向出口送出，运行稳定。

LQDWF, LQDWJ (T) 泵主要用：

- 在空调系统；
- 冷却系统；
- 冲洗和清洗系统；
- 水处理系统；
- 水产养殖；

# LIANSHENG PUMP

## Product introduction



LQDL



LQDLF



LQDLFD

The LQDL, LQDLF, LQDLFD, pumps are stainless steel light vertical multi-stage centrifugal pumps with different structure but the same hydraulic performance.

- With ducted structures, they may be directly installed in horizontal pipeline systems to get compact structures and save space.
- The LQDL pumps and the LQDLF pumps have different specifications and stages to comply with different flow rates and pressures.
- The LQDL pumps and the LQDLF pumps have a wide variety of applications. They may be used for conveying drinking water and chemical mediums, or in various systems.
- Each LQDL pump or LQDLF pump consists essentially of a motor and a pump head. Pumps of different materials may be chosen according to different mediums to be conveyed.
- The LQDL pumps are applicable to clean and noncorrosive liquids such as drinking water and oil.
- The LQDLF pumps are applicable to clean and slightly corrosive liquids such as salt water and acids.
- The LQDLFD pumps are stainless steel light vertical low-noise multi-stage centrifugal pumps. Each of them comprises a low-noise motor, and a pump head. The water-cooled low-noise motor is a new product developed by us after long-time research to meet the environmental protection requirement of the new century for noise. It is a new generation environment-friendly and energy-saving product characterized in that the motor is not cooled by a fan; the water-cooled mode is used and the cooling effect is great; the motor has great overload capacity but low noise and generates no noise interference in human settlements.



LQDWJ(T)



LQDWF

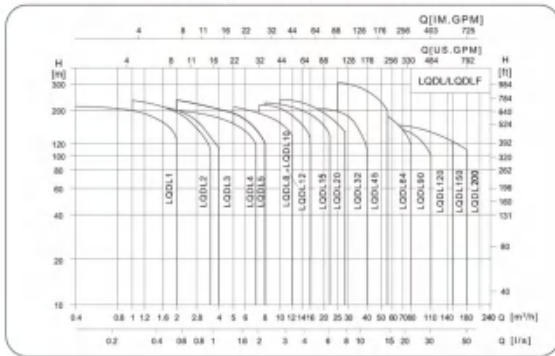
LQDWF pumps and LQDWJ (T) pumps are stainless steel light horizontal multi-stage centrifugal pumps.

- The motor shafts are extended ones with a compact structure, so the pumps are very small.
- Liquids flow into the pumps via the axial inlets and out the pumps via the radial outlets, ensuring stable running of the pumps.

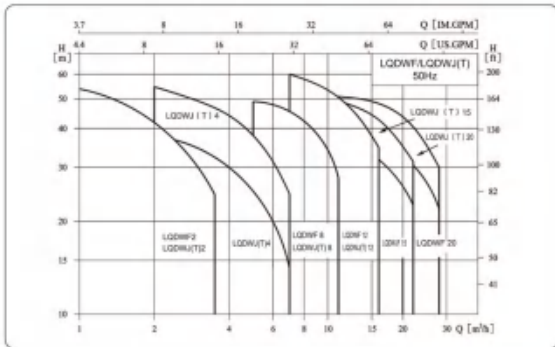
The LQDWF pumps and the LQDWJ (T) pumps are mainly used in:

- Air-conditioning systems;
- Cooling systems;
- Flushing and cleaning systems;
- Water treatment systems;
- Aquaculture

性能范围(Performance ranges)-LQDL, LQDLF, LQDLFD



性能范围(Performance ranges)-LQDWF, LQDWJ(T)



产品范围

说明	LQDL1	LQDL2	LQDL3	LQDL4	LQDL5	LQDL8	LQDL10	LQDL12	LQDL15	LQDL20	LQDL30	LQDL45	LQDL64	LQDL90	LQDL120	LQDL150	LQDL200
额定流量 [m³/h]	1	2	3	4	5	8	10	12	15	20	30	45	64	90	120	150	200
额定流量 [US GPM]	0.28	0.56	0.83	1.1	1.39	2.2	2.8	3.3	4.2	5.6	8.3	11.7	18	24	33	42	55.4
流量范围 [m³/h]	0.4-2	1.0-3	1.2-4	1.5-6	2.0-8	3-12	4-15	5-20	7-24	10-30	15-45	20-60	30-90	40-120	50-150	60-180	80-240
流量范围 [US GPM]	0.11-0.56	0.28-0.97	0.33-1.1	0.42-2.2	0.69-2.36	1.4-3.3	1.4-3.6	1.9-4.4	2.6-6.7	2.6-7.8	4.4-11.1	5.9-15.3	8.3-22.2	10.8-30.5	17.4-22	22-30	27.8-66.7
最大压力 [bar]	21	23	22	21	34	21	23	23	28	28	30	32	17	16	16	16	16
电机功率 [kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-5	0.37-5.5	0.37-7.5	1.5-11	1.1-15	1.1-15.5	1.5-30	3.0-45	4.5-45	5.5-45	11-75	11-75	18.5-110
最高效率 [%]	44	46	54	59	66	64	76	83	72	69	76	78	83	81	75	75	78

应用

LQDL/LQDLF是一种多功能产品，可以输送来自自来水到工业液体的各种不同介质，适用于不同温度、流量和压力范围。LQDL适用于无腐蚀性液体，LQDLF适用于轻度腐蚀性液体。

- 供水、水厂过滤与输送、水厂分区供水、主管增压、高层建筑增压。
- 工业增压、流程水系统、清洗系统、高压冲洗系统、消防系统。
- 工业液体输送、冷却和空调系统、锅炉供水和冷却系统、机床配套、酸和碱。
- 水处理、超滤系统、反渗透系统、蒸馏系统、分离液、游泳池。
- 灌溉、农田灌溉、喷灌、浇灌。

运行条件

- 介质：干净，非磨蚀性液体不含固体颗粒或纤维的液体。
- 液体温度：常温型-15℃至+70℃  
热水型+70℃至+120℃
- 环境温度：最高+40℃
- 海拔：最高1000m

泵

LQDL/LQDLF型为不锈钢轻型立式多级离心泵，具有高效率、结构紧凑、外形美观体积小、重量轻、使用维修方便、密封性能可靠、对输送的液体不产生二次污染，并且可耐轻度磨蚀等特点。泵体还可根据要求配置智能保护装置，对泵空转、缺水、过载等进行有效保护。

Product range

Description	LQDL1	LQDL2	LQDL3	LQDL4	LQDL5	LQDL8	LQDL10	LQDL12	LQDL15	LQDL20	LQDL30	LQDL45	LQDL64	LQDL90	LQDL120	LQDL150	LQDL200
Rated flow rate [m³/h]	1	2	3	4	5	8	10	12	15	20	30	45	64	90	120	150	200
Rated flow rate [US GPM]	0.28	0.56	0.83	1.1	1.39	2.2	2.8	3.3	4.2	5.6	8.3	11.7	18	24	33	42	55.4
Flow rate range [m³/h]	0.4-2	1.0-3	1.2-4	1.5-6	2.0-8	3-12	4-15	5-20	7-24	10-30	15-45	20-60	30-90	40-120	50-150	60-180	80-240
Flow rate range [US GPM]	0.11-0.56	0.28-0.97	0.33-1.1	0.42-2.2	0.69-2.36	1.4-3.3	1.4-3.6	1.9-4.4	2.6-6.7	2.6-7.8	4.4-11.1	5.9-15.3	8.3-22.2	10.8-30.5	17.4-22	22-30	27.8-66.7
Maximum pressure [bar]	21	23	22	21	34	21	23	23	28	28	30	32	17	16	16	16	16
Motor power [kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-5	0.37-5.5	0.37-7.5	1.5-11	1.1-15	1.1-15.5	1.5-30	3.0-45	4.5-45	5.5-45	11-75	11-75	18.5-110
Temperature range [°C]	-19~+120																
Peak efficiency [%]	44	46	54	59	66	64	76	83	72	69	76	78	83	81	75	75	78
Type																	
LQDL pipe connection	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LQDLF pipe connection	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LQDLF pipe connection																	
DN range	DN25	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN65	DN65	DN80	DN100	DN125	DN125	DN150
Oral range	G1	G1	G1	G1	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2	G1 1/2
LQDLF pipe connection																	
DN range	DN25	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN65	DN65	DN80	DN100	DN125	DN125	DN150
Flange fitting	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pipe thread	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Applications

The LQDL pumps and the LQDLF pumps are multi-functional products. They may be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applicable to noncorrosive liquids, and the LQDLF pumps to slightly corrosive liquids.

- Water supply: filtering, conveying, zoning based water supply, and main pipe pressurization of water plants, and pressurization of high-rise buildings
- Industrial pressurization: process water systems, cleaning systems, high-pressure flushing systems, and fire fighting systems.
- Conveying of industrial liquids: cooling and air-conditioning systems, boiler water supply and condensation systems, supporting facilities of machines, acids, and alkalis
- Water treatment: ultrafiltration systems, reverse osmosis systems, distillation systems, separators, and swimming pools
- Irrigation: farm irrigation, sprinkling irrigation, and drip irrigation

Operating conditions

- Thin, clean, non-inflammable, non-explosive liquids containing neither solid particles nor fibers
- Liquid temperature: Room temperature type: -15°C to +70°C  
Hot water type: +70°C to +120°C
- Ambient temperature: +40°C at most
- Altitude: 1000m (this altitude would be the best)

Pumps

The LQDL pumps and the LQDLF pumps are stainless steel light vertical multi-stage centrifugal pumps characterized by high efficiency, low noise, compact structure, beautiful appearance, small volume, light weight, convenient operation and maintenance, reliable sealing performance, no secondary pollution for the conveyed liquids, slight corrosion resistance, etc. They may be provided with intelligent protectors as required to provide effective protection for their running without water, open-phase phenomenon, and overload.

电机

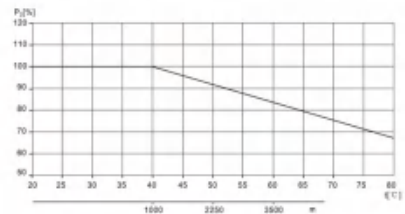
泵上可安装标准风冷电机、标准水冷低噪音电机。

- 电机为全封闭、风冷二级标准电机 (0.37KW-45KW)
  - 安装形式: 11KW以下 (包括11KW) 采用B14; 15KW-18.5KW采用B5; 22KW以上采用V1
  - 防护等级: IP55
  - 绝缘等级: F
  - 标准电压: 50Hz: 1x220-230/240V (0.37KW-2.2KW) 3x200-220/246-380V 3x220-240/380-415V 3x380-415V
- 电机为全封闭、水冷式低噪音二级标准电机 (1.5KW-45KW)
  - 安装形式: 11KW以下 (包括11KW) 采用B14; 15KW-18.5KW采用B5; 22KW以上采用V1
  - 防护等级: IP55
  - 绝缘等级: F
  - 标准电压: 50Hz: 3x380-415V
- 对特殊应用或运行条件可替换的电机配置方案
  - 防爆电机
  - 低噪音电机
  - 电机特殊保护
- 出口不锈钢多级水泵, 其他电机按用户要求配置

技术参数

1. 工作环境

泵的最高环境温度+40℃, 超过+40℃以上的环境, 或者工作电机在海拔1000米以上, 电机输出功率会降低, 如下图所示, 这种情况请选择更大输出功率的电机。



例如: 上述泵在海拔安装海拔3000米以上时, 电机功率降低到80% (在环境温度达到70°C时, 电机功率降低到70%)。

2. 转速

输出液体的密度或运动粘度大于水会导致泵的压力、水力性能显著改变, 功率消耗上升, 在这种情况下, 必须匹配更大功率的电机。

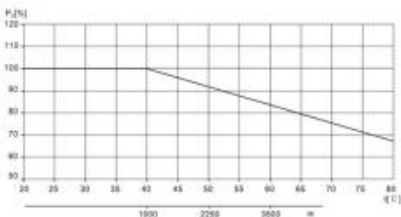
**Motors**

The pumps may be provided with standard air-cooled motors, or standard water-cooled low-noise motors.

- If the motors are totally sealed, air-cooled, two-stage standard motors (0.37KW to 45KW)
  - Installation method: B14 for power smaller than 11KW (including), B5 for power between 15KW to 18.5KW, or V1 for power larger than 22KW
  - Protection grade: IP55
  - Insulation class: F
  - Standard voltage: 60Hz
    - 1x220-230/240V (0.37KW-2.2KW)
    - 3x200-220/346-380V
    - 3x220-240/380-415V
    - 3x380-415V
- If the motors are totally sealed, water-cooled, low-noise, two-stage standard motors (5.5KW to 45KW)
  - Installation method: B14 for power smaller than 11KW (including), B5 for power between 15KW to 18.5KW, or V1 for power larger than 22KW
  - Protection grade: IP55
  - Insulation class: F
  - Standard voltage: 60Hz: 3x380-415V
- The motor configuration proposal available for special applications or operating conditions
  - Explosion-proof motors
  - Low-noise motors
  - Motors with thermal protection
- Motors of the exported stainless steel multi-stage pumps may be configured as required by customers.

**Technical parameters**

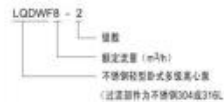
1. Operating environment  
The highest operating temperature of the pumps is +40°C. If the pumps are used at a temperature above +40°C, or their motors are installed at an altitude higher than 1000m, the output power of the motors will drop. See the figure below. In this circumstance, motors with larger output power are needed.



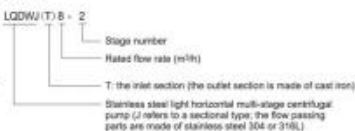
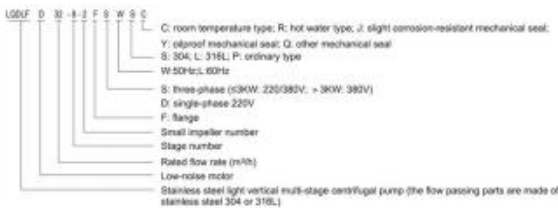
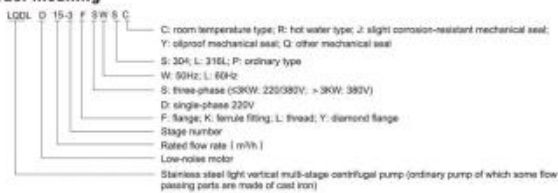
For example, according to the figure above, the motor power P<sub>2</sub> will drop to 84 percent when the pump is installed at an altitude higher than 3000m, or to 78 percent when the ambient temperature is 70°C.

2. Viscosity  
If the densities or kinematic viscosities of the output by the liquids are larger than that of water, pressure and hydraulic performance of the pumps will change greatly and the power consumptions of them will increase. In this circumstance, motors with larger power are needed.

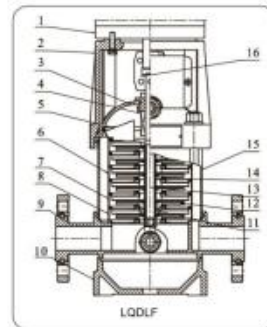
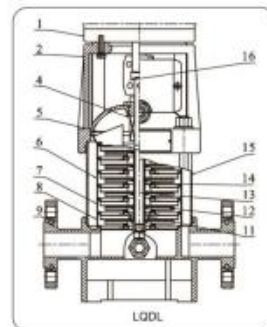
**型号含义**



**Model meaning**



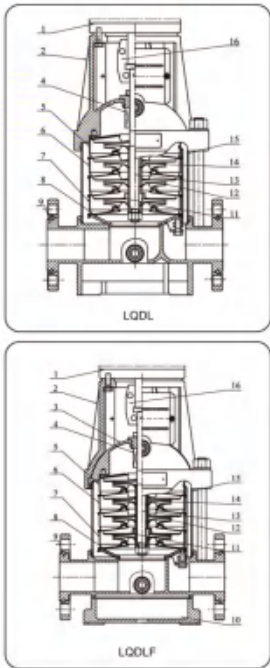
**截面图(Sectional views)**  
LQDL, LQDLF1, 2, 3, 4, 5



**材料(Materials)**  
LQDL, LQDLF1, 2, 3, 4, 5

序号 No.	名称 Name	材料 Material	AISI/ASTM
1	电机 Motor		
2	连接座 Connecting base	铸铁 Cast iron	ASTM25B
4	集流环密封 Cartridge/mechanical seal		
5	出口导流器 Outlet fluid director	不锈钢 Stainless steel	AISI304
6	叶轮座 Fluid director	不锈钢 Stainless steel	AISI304
7	轴承导流器 Bearing fluid director	不锈钢 Stainless steel	AISI304
8	进口导流器 Inlet fluid director	不锈钢 Stainless steel	AISI304
11	轴承 Bearing	碳化钨 Tungsten carbide	
12	叶轮 Impeller	不锈钢 Stainless steel	AISI304
13	轴 Shaft	不锈钢 Stainless steel	AISI304
14	夹套 Jacket	不锈钢 Stainless steel	AISI304
15	耐压罐 Pressure tank	不锈钢 Stainless steel	AISI304
16	联轴器 Coupling	碳钢 Carbon steel	
LQDLF			
3	连接叶轮座 Directly/tee/impeller	不锈钢 Stainless steel	AISI304
9	进口水室 Inlet/water section	不锈钢 Stainless steel	AISI304
10	底座 Base	铸铁 Cast iron	ASTM25B
LQDL			
9	进口水室 Inlet/water section	铸铁 Cast iron	ASTM25B

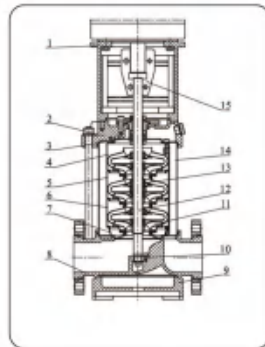
截面图(Sectional views)  
LQDL,LQDLF8,10,12,15,20



材料(Materials)  
LQDL,LQDLF8,10,12,15,20

序号 No.	名称 Name	材料 Material	ASIASTM
1	电机 Motor		
2	连接座 Connecting base	铸铁 Cast iron	ASTM258
4	集液式机械密封 Gange-mechanical seal		
5	出口导流器 Outlet fluid director	不锈钢 Stainless steel	AS304
6	导流器 Fluid director	不锈钢 Stainless steel	AS304
7	轴承导流器 Bearing fluid director	不锈钢 Stainless steel	AS304
8	进口导流器 Inlet fluid director	不锈钢 Stainless steel	AS304
11	轴承 Bearing	碳化钨 Tungsten carbide	
12	叶轮 Impeller	不锈钢 Stainless steel	AS304
13	轴 Shaft	不锈钢 Stainless steel	AS304
14	联轴器 Coupling	不锈钢 Stainless steel	AS304
15	耐压罐 Pressure tank	不锈钢 Stainless steel	AS304
16	联轴器 Coupling	碳钢 Carbon steel	
LQDLF			
3	连接座衬套 Connecting base impeller	不锈钢 Stainless steel	AS304
9	进出口段 Inlet/Outlet section	不锈钢 Stainless steel	AS304
10	底座 Base	铸铁 Cast iron	ASTM258
LQDL			
9	进出口段 Inlet/Outlet section	铸铁 Cast iron	ASTM258

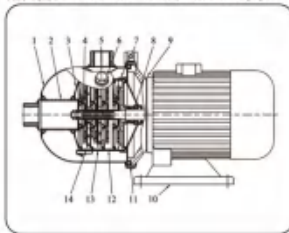
截面图(Sectional view)  
LQDLF,LQDLF32,45,64,90,120,150



材料(Materials)  
LQDL,LQDLF32,45,64,90,120,150

序号 No.	名称 Name	材料 Material	ASIASTM
1	连接座 Connecting base	铸铁 Cast iron	ASTM258
3	集液式机械密封 Gange-mechanical seal		
4	集液式机械密封 Gange-mechanical seal	不锈钢 Stainless steel	AS304
5	轴承导流器 Bearing fluid director	不锈钢 Stainless steel	AS304
6	中段零件 Middle-section part	不锈钢 Stainless steel	AS304
7	进口导流器 Inlet section part	不锈钢 Stainless steel	AS304
9	底座 Base	碳钢 Carbon steel	ASTM258
10	末级轴承 End bearing	碳化钨 Tungsten carbide	
11	叶轮 Impeller	不锈钢 Stainless steel	AS304
12	轴 Shaft	不锈钢 Stainless steel	AS304
13	轴承盖组件 Bearing cover assembly	碳化钨 Tungsten carbide	
14	耐压罐 Pressure tank	不锈钢 Stainless steel	AS304
15	联轴器 Coupling	碳钢 Carbon steel	
	橡胶零件 Rubber part	氟胶 Fluorine	
LQDL			
2	Pump cover	铸铁 Cast iron	ASTM258
8	进出口段 Inlet/Outlet section	铸铁 Cast iron	ASTM258
LQDLF			
2	Pump cover	不锈钢 Stainless steel	AS304
8	进出口段 Inlet/Outlet section	不锈钢 Stainless steel	AS304

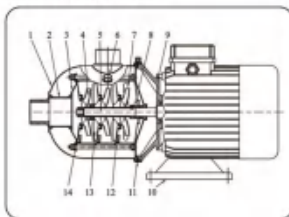
截面图(Sectional view) LQDWF2,4,5



材料(Materials) LQDWF

序号 No.	名称 Name	材料 Material	ASIASTM
1	耐压罐 Pressure tank	不锈钢 Stainless steel	AS304
2	连接管 Connecting pipe	不锈钢 Stainless steel	AS304
3	压紧组件 Clamp assembly	不锈钢 Stainless steel	AS304
4	叶轮 Impeller	不锈钢 Stainless steel	AS304
5	轴 Shaft	不锈钢 Stainless steel	AS304
6	轴头螺母 Shaft nut	不锈钢 Stainless steel	AS304
7	出口导流器 Outlet fluid director	不锈钢 Stainless steel	AS304
8	Mechanical seal		
9	电机轴套 End cover of the motor	铝合金 Aluminum alloy	
10	底座 Base	铸铁 Cast iron	ASTM258
11	联轴器 Coupling	不锈钢 Stainless steel	AS304
12	导流器 Fluid director	不锈钢 Stainless steel	AS304
13	轴承导流器 Bearing fluid director	不锈钢 Stainless steel	AS304
14	进口导流器 Inlet fluid director	不锈钢 Stainless steel	AS304

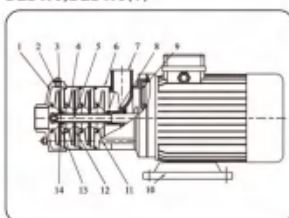
截面图(Sectional view) LQDWF8,10,12,15,20



材料(Materials) LQDWJ (T)

序号 No.	名称 Name	材料 Material	ASIASTM
1	球头螺母 Spring nut	不锈钢 Stainless steel	AS304
2	轴承 Bearing	碳化钨 Tungsten carbide	
4	叶轮 Impeller	不锈钢 Stainless steel	AS304
5	轴 Shaft	不锈钢 Stainless steel	AS304
6	出口导流器 Outlet fluid director	不锈钢 Stainless steel	AS304
8	机械密封 Mechanical seal		
9	电机轴套 End cover of the motor	铝合金 Aluminum alloy	
10	底座 Base	铸铁 Cast iron	ASTM258
11	轴衬 Shaft nut	不锈钢 Stainless steel	AS304
12	导流器 Fluid director	不锈钢 Stainless steel	AS304
13	轴承导流器 Bearing fluid director	不锈钢 Stainless steel	AS304
14	外套 Jacket	不锈钢 Stainless steel	AS304
LQDWJ			
1	进水体 Water-in body	不锈钢 Stainless steel	AS304
7	进水体 Water-in body	不锈钢 Stainless steel	AS304
LQDWJ(T)			
1	进水体 Water-in body	铸铁 Cast iron	ASTM258
7	进水体 Water-in body	铸铁 Cast iron	ASTM258

截面图(Sectional view) LQDWJ,LQDWJ(T)



最大入口压力, 请参考表1  
Maximum inlet pressure (see Table 1)

泵为最大允许入口压力, 然而, 实际入口压力+液流时的压力必须始终低于最大允许工作压力, 如果超过最大允许工作压力, 电机中的轴承可能损坏, 轴衬的寿命会缩短, 运行和进口压力限制。  
Table 1 gives the permissible maximum inlet pressure; however, sum of the actual inlet pressure and the valve-closing pressure must always be smaller than the permissible maximum operating pressure. If the sum is larger than the permissible maximum operating pressure of the pump, the bearing in the motor will possibly get damaged and the shaft seal will have a shorter life. Moreover, there are some examples about the operating pressure and the inlet pressure.

例1(Example 1):  
泵型选择为LQDLF-8  
最大运行压力: 16bar  
最大进口压力: 10bar  
出口阀关闭压力为8.7bar下启动运行, 其进口压力必须小于16bar-7.0bar  
Pump type: LQDLF-8  
Maximum operating pressure: 16bar  
Maximum inlet pressure: 10bar  
If the pump is started at an outlet valve-closing pressure of 8.7bar, the inlet pressure must be smaller than 7.3bar (the difference of 16bar and 8.7bar).

例2(Example 2):  
泵型选择为LQDLF-2  
最大运行压力: 16bar  
最大进口压力: 10bar  
出口阀关闭压力为2.0bar, 泵允许在进口压力为6.0bar下启动运行, 因为其出口阀关闭压力仅为2.0bar, 其实际产生的液流压力为6.0+2.0=8.0bar, 不超过最大运行压力。  
Pump type: LQDLF-2  
Maximum operating pressure: 16bar  
Maximum inlet pressure: 10bar  
In the case of an outlet valve-closing pressure of 2.0bar, the pump is allowed to be started at an inlet pressure of 6.0bar. The inlet valve-closing pressure is 2.0bar only and the actual motion pressure of the pump will be 8.0bar (sum of 6.0bar and 2.0bar) that is not larger than the permissible maximum operating pressure.

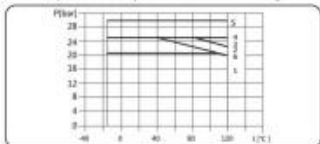
表1(Table 1):

型号 Model	最大进口压力 Maximum inlet pressure
LQDL,LQDLF1	
1-2-1-8	6[bar]
1-9-1-36	10[bar]
LQDL,LQDLF2	
2-2	6[bar]
2-3-2-11	10[bar]
2-13-2-26	15[bar]
LQDL,LQDLF3	
3-2-3-3	6[bar]
3-4-3-28	10[bar]
3-3-3-36	15[bar]
LQDL,LQDLF4	
4-2	6[bar]
4-3-4-10	10[bar]
4-12-4-22	15[bar]
LQDL,LQDLF8	
8-21-8-8	6[bar]
8-8-8-20	10[bar]
LQDL,LQDLF12	
12-3-12-4	6[bar]
12-5-12-18	10[bar]
LQDL,LQDLF15	
15-2-15-8	6[bar]
15-10-15-17	10[bar]
LQDL,LQDLF20	
20-1-20-3	6[bar]
20-4-20-17	10[bar]
LQDL,LQDLF32	
32-1-32-2-2	3[bar]
32-2-32-4	4[bar]
32-5-32-10	15[bar]
32-11-2-32-14	6[bar]
LQDL,LQDLF45	
45-1-1	3[bar]
45-1-45-2	4[bar]
45-3-45-5	10[bar]
45-8-2-45-13-2	15[bar]
LQDL,LQDLF64	
64-1-64-2-2	4[bar]
64-2-1-64-3	10[bar]
64-4-2-64-8-1	15[bar]
LQDL,LQDLF90	
90-1-1-90-1	4[bar]
90-2-2-90-3-2	10[bar]
90-3-1-90-5	15[bar]
LQDL,LQDLF120,150,200	15[bar]

最大工作压力(Maximum operating pressure):  
如表2所示(see Table 2)

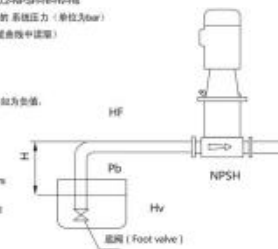
型号	曲线号
LQDLQDF1	
1-2-1-23	1
1-25-1-36	2
LQDLQDF2	
2-2-2-15	1
2-18-2-36	2
LQDLQDF3	
3-2-3-23	1
3-25-3-36	2
LQDLQDF4	
4-2-4-16	1
4-19-4-27	2
LQDLQDF8	
8-2-8-12	1
8-16-8-20	2
LQDLQDF12	
12-2-12-10	1
12-12-12-18	2
LQDLQDF15	
15-2-15-8	1
15-10-15-17	2
LQDLQDF20	
20-1-20-8	1
20-10-20-27	2
LQDLQDF32	
32-1-32-7	1
32-8-32-12	4
32-13-32-14	5
LQDLQDF45	
45-1-45-6	1
45-7-2-45-9	4
45-10-2-45-12	5
LQDLQDF64	
64-1-64-5	1
64-6-2-64-8-1	4
LQDLQDF90	
90-1-90-5-2	1
90-5-90-6	4
LQDLQDF120,150	6

下图表示压力和温度的界限。压力和温度请在所示范围内。  
The figure below gives limits of pressure and temperature.  
The actual pressure and temperature must be within the ranges.



最小入口压力的计算。如图2所示:  
Calculation of the minimum inlet pressure (see Fig.2)

最小入口压力P<sub>1</sub> (单位: 米水柱) 计算公式:  $H = P_b \times 10.2 - NPSH - H_f - H_v$   
 $P_b$  = 当地大气压 (标准大气压为 1bar) (封闭系统中由液面指示的系统压力 (单位: 米水柱))  
 $NPSH$  = 汽蚀余量 (单位: m) (可从样本中查得的NPSH性能曲线中读取)  
 $H_f$  = 吸入管路中的摩擦损失 (单位: m)  
 $H_v$  = 液体的汽化压力 (单位: m) (见附表3)  
 $H_s$  = 安全余量 (最小值0.5m)  
 如果计算出的H值是正值, 表示泵可以吸取高度为H的液体。如为负值, 则表示泵汽蚀, 必须有一最小进口压力为H的头。



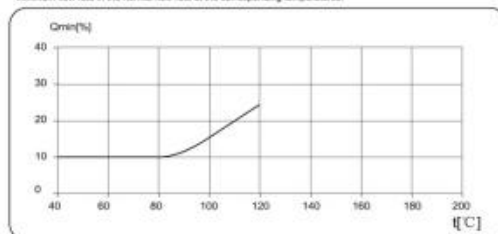
Calculation formula of the minimum inlet pressure H (unit: mH<sub>2</sub>O):  $H = P_b \times 10.2 - NPSH - H_f - H_v$   
 $P_b$ : the local atmospheric pressure (bar) (the standard atmospheric pressure is 1bar) (in a sealed pressure,  $P_b$  refers to the system pressure) (unit: bar)  
 $NPSH$ : net positive suction head (unit: m) (it may be obtained from the NPSH performance curve of the sample pump)  
 $H_f$ : wear loss in the pipe at the suction position (unit: m)  
 $H_v$ : vaporization pressure of the liquid (unit: m) (see Table 3)  
 $H_s$ : safety margin (minimum: 0.5m)  
 If the obtained H value is positive, it means that the pump is capable of absorbing a liquid to a height of H; if it is negative, it means that the pump will have cavitation and there must be a head with a minimum inlet pressure of H.

温度与汽化压力表 (Table 3 Temperature and Gasification Pressure)

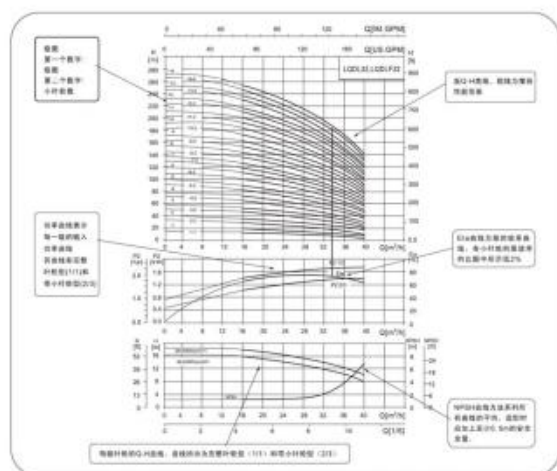
温度℃ Water temperature (°C)	20	30	40	50	60	70	80	85	90	95	100	110	120	130	140
汽化压力 Vaporization pressure	0.25	0.4	0.8	1.3	2.1	3.3	4.9	6.1	7.4	8.9	10.9	14.5	20.5	26.5	35

最小流量 (Minimum flow rate)

由于有过热危险, 泵不在工作流量最小流量状态下。以下曲线表示在相应温度下, 最小流量占正常流量的百分比。  
There is an overheat risk, so the pump should not run with the minimum flow rate. The curve below shows the percentages of the minimum flow rate in the normal flow rate at the corresponding temperature.



注意: 泵运转时必须打开通水阀  
Note: the outlet valve must be opened when the pump is running.



性能曲线

下列说明适用于图中所示的曲线:

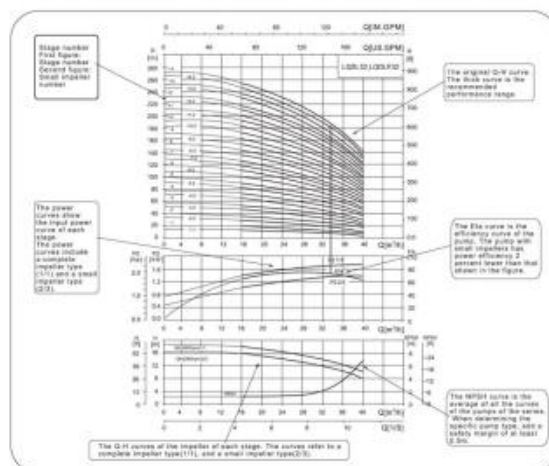
1. 所有曲线都基于电机在转速 2900rpm或2950rpm的测量值
2. 曲线符合ISO9005
3. 测试采用20℃不含空气的水, 运行粘度为1mm<sup>2</sup>/s
4. 泵的使用参照加粗曲线的性能范围, 以防流量过小产生过热和流量过大电机过载等。

泵型选择

- 泵的安装方式
- 泵的额定工作点 (在性能范围上定点)
- 泵输送的液体
- 泵连接尺寸
- 轴封

选型数据

- 在确定规格时必须考虑下述因素:
- 出水点所需的流量和压力
  - 高度差产生的压力损失
  - 管路阻力损失
  - 估计的额定工作点下的最高效率
  - 考虑NPSH值



Performance curve

The instructions below are applicable to the subsequent curves.

1. All the curves are based on the values measured at a constant speed of 2900rpm or 2950rpm of the motor.
2. The curve tolerances comply with requirements of the ISO9005.
3. The tests are done for water with a temperature of 20°C and a kinematic viscosity of 1mm<sup>2</sup>/s and without air.
4. Please refer to the performance ranges of the thick curves for pump operation, so as to avoid overheat because of a too small flow rate and motor overload because of a too large flow rate, etc.

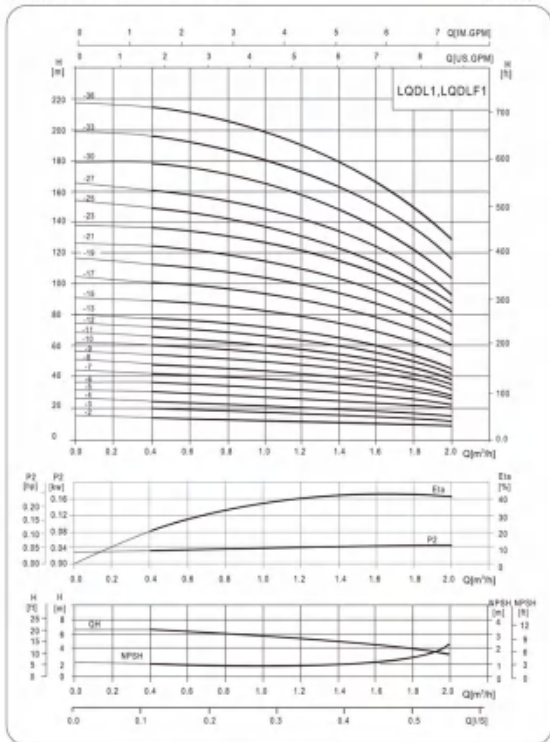
Pump type selection

- Pump installation method
- Rated operating point of the pump (determined on the performance ranges)
- Liquid conveyed by the pump
- Connecting dimensions of the pump
- Shaft seal

Type selection data

- When the specifications are determined, the following factors must be considered:
- The flow rate and pressure necessary for the water outlet
  - The pressure loss because of the altitude difference
  - Pipeline resistance loss
  - Estimated highest efficiency under the rated operating point
  - NPSH

性能曲线(Performance curve) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
LQDL1-2	0.37	13	12.5	12	11.5	11	10.5	10	9.5	9	
LQDL1-3	0.37	19	18	17.5	17	16.5	16	15	14	12	
LQDL1-4	0.37	26	23.5	23	22.5	21.5	21	19	18	16	
LQDL1-5	0.37	30	28.5	28	27	26	24	22	20	18	
LQDL1-6	0.37	36	33.5	33	32.5	31	29	26	23	21	
LQDL1-7	0.37	42	41	40.5	39	38	36	33	30	27	
LQDL1-8	0.55	48	47	46	45	43	41	38	34	30	
LQDL1-9	0.55	54	53	52	51	49	46	43	39	33	
LQDL1-10	0.55	60	59	58	57	54	51	48	43	36	
LQDL1-11	0.55	66	65	63	61	59	56	52	47	40	
LQDL1-12	0.75	72	71	69	67	64	61	57	51	44	
LQDL1-13	0.75	78	77	75	73	69	66	62	55	47	
LQDL1-15	0.75	89	88	86	84	79	76	71	63	55	
LQDL1-17	1.1	101	99	97	95	89	86	80	71	62	
LQDL1-19	1.1	113	112	108	106	99	96	89	79	69	
LQDL1-21	1.1	124	122	120	117	110	106	98	87	75	
LQDL1-23	1.1	137	133	131	128	121	116	107	96	82	
LQDL1-25	1.5	149	148	143	139	131	126	116	104	89	
LQDL1-27	1.5	161	157	155	150	141	136	125	112	95	
LQDL1-30	1.5	178	175	171	166	157	150	137	124	106	
LQDL1-33	2.2	196	192	188	183	173	165	154	137	118	
LQDL1-36	2.2	214	210	206	200	190	181	169	151	130	

安装图(Installation drawing) 尺寸和重量(Dimensions and weight)

型号 Model	B1	B2	B1+B2	D1	D2	D3	重量 Weight (kg)
LQDL1-2	278		485				21
LQDL1-3	297		507				21
LQDL1-4	315		525				22
LQDL1-5	333		543				22
LQDL1-6	351		561				23
LQDL1-7	369	210	579	148	117	105	23
LQDL1-8	388		597				24
LQDL1-9	406		615				24
LQDL1-10	423		633				25
LQDL1-11	441		651				25
LQDL1-12	458		668				26
LQDL1-13	477		686				26
LQDL1-15	513		726				27
LQDL1-17	549	285	804	170	142	126	28
LQDL1-19	585		840				29
LQDL1-21	621		876				30
LQDL1-23	657		912				31
LQDL1-25	703		953				40
LQDL1-27	739		1029				41
LQDL1-30	795	280	1063	190	155	140	42
LQDL1-33	847		1137				44
LQDL1-36	901		1191				45

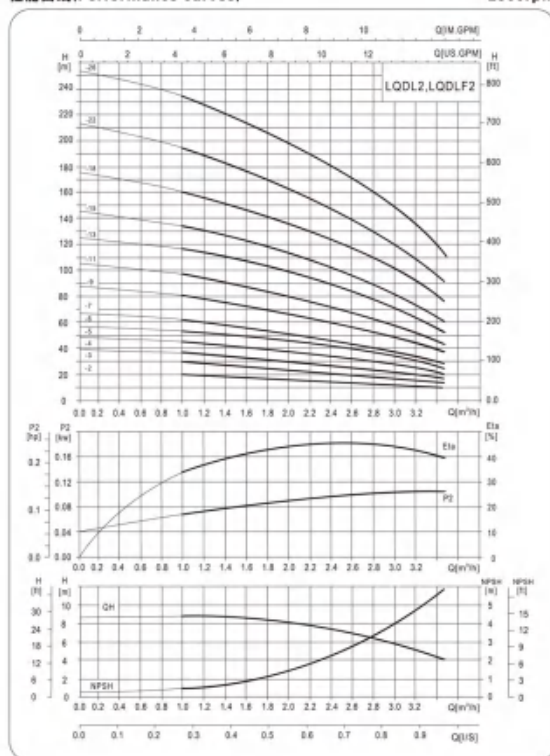
LQDL1-25~1-36 椭圆法兰型管路联接

单相电机、防爆电机外形尺寸有所变动，详情请咨询本公司。

LQDL1-25~1-36 Pipe connection with oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.6
LQDL2-2	0.37	18	17	16	15	13	12	10	8	
LQDL2-3	0.37	27	26	24	22	20	18	15	12	
LQDL2-4	0.55	36	35	33	30	28	24	20	16	
LQDL2-5	0.55	45	43	40	37	33	30	24	20	
LQDL2-6	0.75	53	52	50	46	40	36	30	24	
LQDL2-7	0.75	63	61	57	52	47	41	35	28	
LQDL2-9	1.1	80	78	73	67	61	54	45	37	
LQDL2-11	1.1	96	95	89	82	73	64	54	44	
LQDL2-13	1.5	116	114	106	98	89	78	65	52	
LQDL2-15	1.5	134	130	123	112	100	90	73	60	
LQDL2-18	2.2	161	157	148	136	121	108	91	76	
LQDL2-22	2.2	197	192	180	165	148	130	110	90	
LQDL2-26	3.0	232	228	214	198	179	158	130	110	

安装图(Installation drawing) 尺寸和重量(Dimensions and weight)

型号 Model	尺寸D(mm)(mm)						重量 Weight (kg)
	B1	B2	B2-B2	D1	D2	D3	
LQDL2-2	279		489				20
LQDL2-3	297		507				21
LQDL2-4	315	210	525	148	117	105	22
LQDL2-5	333		543				23
LQDL2-6	351		561				25
LQDL2-7	369	255	624	170	142	126	20
LQDL2-9	405		660				30
LQDL2-11	441		696				31
LQDL2-13	477		767				35
LQDL2-15	513	290	803	190	155	140	40
LQDL2-18	567		857				36
LQDL2-22	639		929				45
LQDL2-26	711	325	1036	197	165	150	50

LQDL2-18~2-26 无侧法兰型管路联接

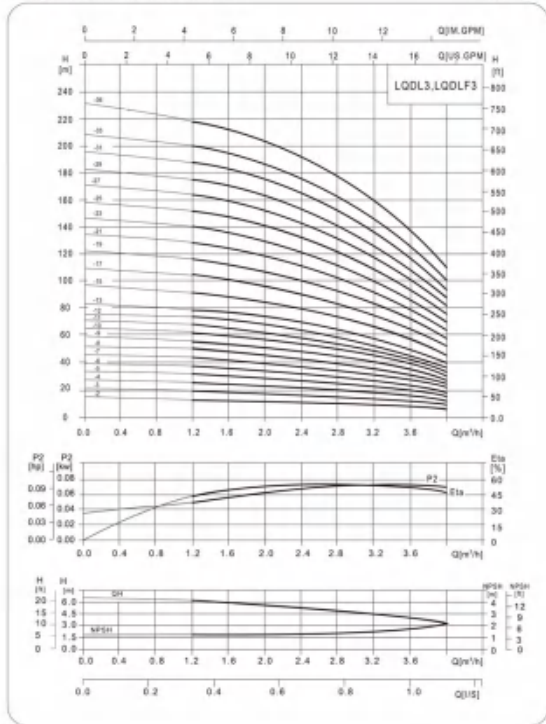
单相电机、防爆电机外形尺寸有所变动，详情请咨询本公司。

LQDL2-18~2-26 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

性能曲线(Performance curves)

2900rpm



性能表(Performance table)

型号 Model	匹配电机 Matching motor (kW)	Q (m³/h)	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0		
LQDL3-2	0.37	H	12.5	11.5	11	10.5	10	9.5	9	8	7	6	
LQDL3-3	0.37	H	19	18.5	17.5	16.5	16	15.4	14.8	14	13	11	9
LQDL3-4	0.37	H	25	24	23	21.5	20	19	18	17	15	12	10
LQDL3-5	0.37	H	31	30	29	27	26	25	24	22	19	16	13
LQDL3-6	0.55	H	36	35	34	32	30	29	28	27	23	19	16
LQDL3-7	0.55	H	43	41	39	37	34	32	31	27	22	18	15
LQDL3-8	0.75	H	49	47	45	43	39	37	35	31	25	20	17
LQDL3-9	0.75	H	55	53	51	48	45	42	40	35	28	22	18
LQDL3-10	0.75	H	61	59	57	54	50	47	45	39	31	24	19
LQDL3-11	1.1	H	67	64	61	58	54	51	48	42	34	26	20
LQDL3-12	1.1	H	73	70	67	63	58	55	52	45	37	28	22
LQDL3-13	1.1	H	78	75	73	69	64	60	57	49	40	31	24
LQDL3-15	1.1	H	90	86	84	79	73	69	66	57	46	36	28
LQDL3-17	1.5	H	103	100	96	90	83	79	75	64	52	40	31
LQDL3-19	1.5	H	115	112	107	100	92	88	83	72	58	45	35
LQDL3-21	2.2	H	128	124	119	112	102	98	91	79	64	50	38
LQDL3-23	2.2	H	140	135	130	122	112	107	100	86	70	55	42
LQDL3-25	2.2	H	151	147	141	131	122	116	109	94	76	60	46
LQDL3-27	2.2	H	164	159	152	143	132	124	117	101	82	65	50
LQDL3-29	2.2	H	175	170	163	153	142	133	126	108	88	70	54
LQDL3-31	3.0	H	187	182	175	165	153	142	135	116	94	75	58
LQDL3-33	3.0	H	199	194	187	176	163	151	145	125	100	80	62
LQDL3-35	3.0	H	219	212	204	192	178	168	158	137	108	86	67

安装图(Installation drawing)

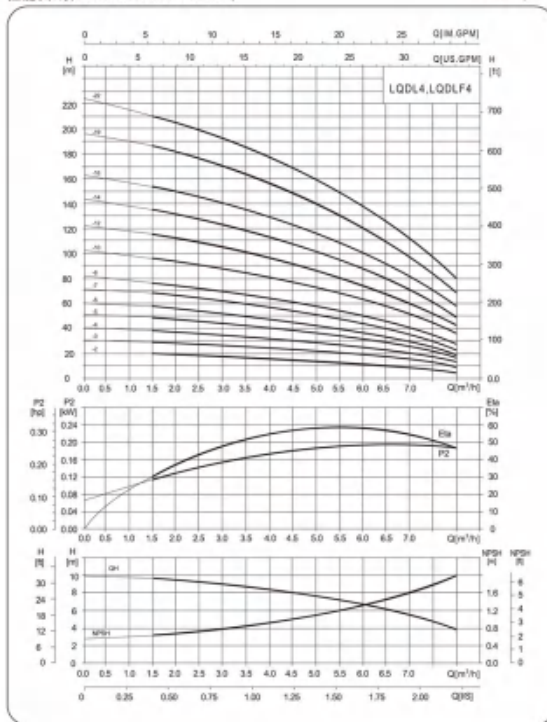
尺寸和重量(Dimensions and weight)

型号 Model	尺寸(mm) Dimensions (mm)	重量 Weight (kg)
LQDL3-2	81 210 489	21
LQDL3-3	81 210 507	21
LQDL3-4	81 210 525	22
LQDL3-5	81 210 543	22
LQDL3-6	81 210 561	23
LQDL3-7	81 210 579	23
LQDL3-8	81 210 597	24
LQDL3-9	81 210 615	24
LQDL3-10	81 210 633	25
LQDL3-11	81 210 651	25
LQDL3-12	81 210 669	25
LQDL3-13	81 210 687	25
LQDL3-15	81 210 705	27
LQDL3-17	81 210 723	28
LQDL3-19	81 210 741	28
LQDL3-21	81 210 759	29
LQDL3-23	81 210 777	30
LQDL3-25	81 210 795	31
LQDL3-27	81 210 813	31
LQDL3-29	81 210 831	31
LQDL3-31	81 210 849	31
LQDL3-33	81 210 867	31
LQDL3-35	81 210 885	31

LQDL3-25-3-36 无刷法兰型管路连接  
单相电机、隔爆电机外形尺寸有所变动，详情请咨询本公司。  
LQDL3-25-3-20 Pipe connection without oval flanges  
The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

性能曲线(Performance curves)

2900rpm



性能表(Performance table)

型号 Model	匹配电机 Matching motor (kW)	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0
LQDL4-2	0.37	H	19	18	17	15	13	10	8	6
LQDL4-3	0.55	H	28	27	26	24	20	18	13	10
LQDL4-4	0.75	H	38	36	34	32	27	24	19	13
LQDL4-5	1.1	H	47	45	43	40	34	31	23	17
LQDL4-6	1.1	H	56	54	52	48	41	37	28	20
LQDL4-7	1.5	H	66	63	61	56	48	43	33	24
LQDL4-8	1.5	H	74	72	70	64	55	50	38	27
LQDL4-10	2.2	H	86	83	81	75	62	56	43	31
LQDL4-12	2.2	H	114	108	104	95	85	75	58	41
LQDL4-14	3.0	H	136	128	122	112	101	89	68	48
LQDL4-16	3.0	H	152	144	140	129	115	101	78	55
LQDL4-19	4.0	H	183	171	168	153	137	122	93	67
LQDL4-22	4.0	H	211	200	192	178	160	138	108	79

安装图(Installation drawing)

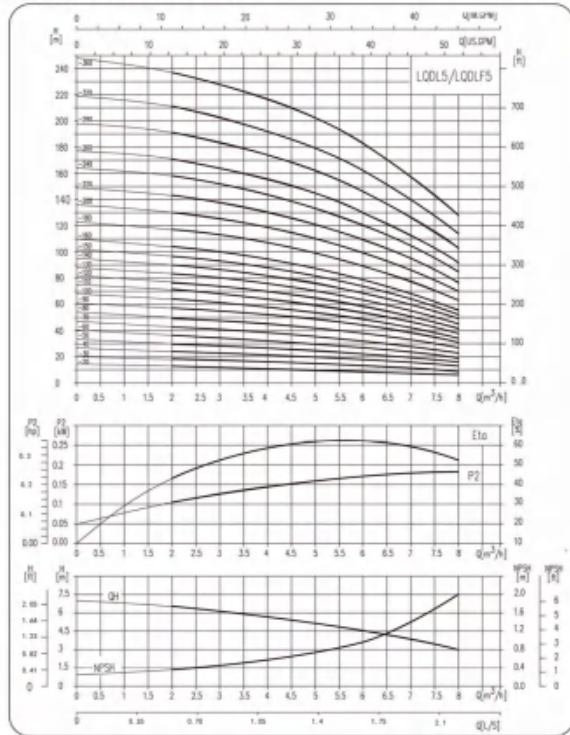
尺寸和重量(Dimensions and weight)

型号 Model	尺寸(mm) Dimensions (mm)	重量 Weight (kg)
LQDL4-2	81 210 567	22
LQDL4-3	81 210 584	23
LQDL4-4	81 210 608	24
LQDL4-5	81 210 633	26
LQDL4-6	81 210 660	27
LQDL4-7	81 210 687	31
LQDL4-8	81 210 739	32
LQDL4-10	81 210 813	33
LQDL4-12	81 210 887	34
LQDL4-14	81 325 968	36
LQDL4-16	81 325 1022	41
LQDL4-19	81 325 1113	46
LQDL4-22	81 325 1194	51

LQDL4-19-4-22 无刷法兰型管路连接  
单相电机、隔爆电机外形尺寸有所变动，详情请咨询本公司。  
LQDL4-19-4-22 Pipe connection without oval flanges  
The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.



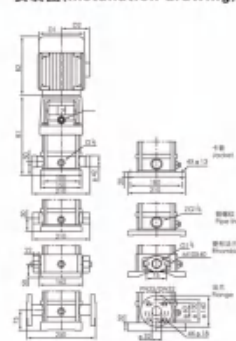
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	2	3	4	5	6	7	8
LQDL5-2	0.37	13	12	11	10	8	7	6	
LQDL5-3	0.55	19	18	17	15	13	12	10	
LQDL5-4	0.55	25	24	22	20	18	16	13	
LQDL5-5	0.75	31	30	28	25	23	20	18	
LQDL5-6	1.1	37	36	34	30	27	24	20	
LQDL5-7	1.1	43	41	38	36	32	29	23	
LQDL5-8	1.1	50	48	45	42	38	33	27	
LQDL5-9	1.5	56	54	51	46	43	37	30	
LQDL5-10	1.5	62	60	57	53	47	41	34	
LQDL5-11	2.2	69	66	62	56	52	45	37	
LQDL5-12	2.2	75	72	68	64	57	50	42	
LQDL5-13	2.2	81	78	74	69	61	54	44	
LQDL5-14	2.2	87	84	79	75	66	58	47	
LQDL5-15	2.2	93	90	85	80	71	62	50	
LQDL5-16	2.2	100	96	91	85	76	66	54	
LQDL5-18	3.0	115	111	105	99	90	78	65	
LQDL5-20	3.0	128	123	117	110	97	85	69	
LQDL5-22	4.0	142	136	129	122	108	94	77	
LQDL5-24	4.0	155	149	141	133	118	103	84	
LQDL5-26	4.0	168	161	153	144	127	111	89	
LQDL5-29	4.0	187	180	170	160	142	124	101	
LQDL5-32	5.5	211	203	192	180	160	140	114	
LQDL5-36	5.5	237	229	216	203	180	157	128	

安装图(Installation drawing)



尺寸和重量(Dimensions and weight)

型号 Model	尺寸 Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL5-2	266	210	476	132	84	105	22
LQDL5-3	293	210	503	132	84	105	23
LQDL5-4	300		585				23
LQDL5-5	307		612	130	85	120	26
LQDL5-6	384		639				26
LQDL5-7	411		666				29
LQDL5-8	446		738				30
LQDL5-9	475		765				30
LQDL5-10	502		792				37
LQDL5-11	529		819				39
LQDL5-12	556	290	846	168	112	140	39
LQDL5-13	585		873				40
LQDL5-14	610		900				41
LQDL5-15	637		927				42
LQDL5-16	664		954				43
LQDL5-18	726	325	1053	194	124	160	46
LQDL5-20	762		1107				47
LQDL5-22	836		1171				59
LQDL5-24	890	335	1225	212	142	160	51
LQDL5-26	944		1279				52
LQDL5-29	1025		1360				64
LQDL5-32	1126		1556				78
LQDL5-36	1234	430	1664	299	164	200	81

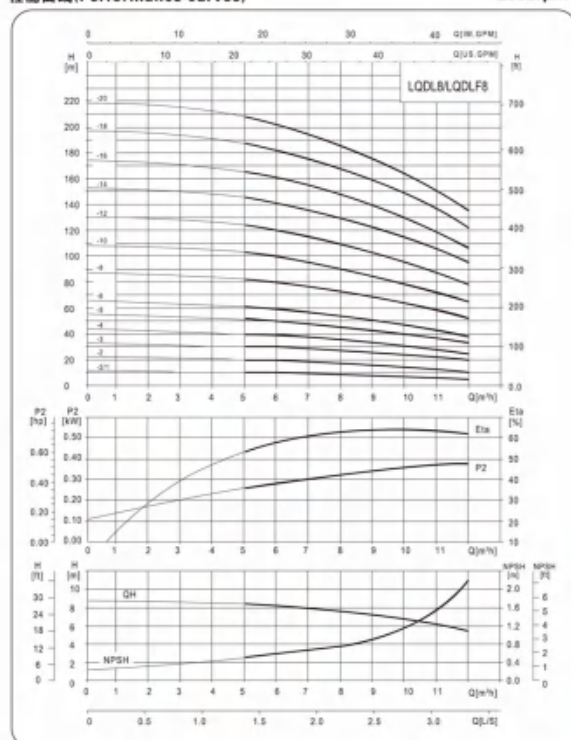
LQDL5-32-5-36 无耦合法兰型管路联接

单相电机、隔爆电机外形尺寸有所变动, 详情请咨询本公司。

LQDL5-32-5-36 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

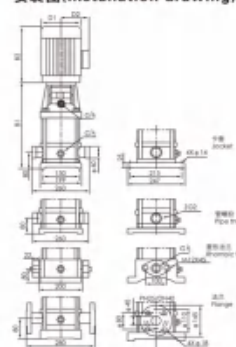
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	5	6	7	8	9	10	11	12
LQDL8-2/1	0.75	10	9.5	9.3	9	8.5	8	7	6	
LQDL8-2	0.75	20	19.5	19	18	17	16	14	13	
LQDL8-3	1.1	30	29.5	28.5	27	25	24	21	19	
LQDL8-4	1.5	41	39.5	38	36	34	32	28	26	
LQDL8-5	2.2	52	50	48	45	42	40	36	32	
LQDL8-6	2.2	62	60	57	54	51	48	43	39	
LQDL8-8	3.0	83	80	77	73	69	65	58	52	
LQDL8-10	4.0	104	100	97	92	87	81	73	65	
LQDL8-12	4.0	124	120	116	111	104	92	87	78	
LQDL8-14	5.5	145	141	136	130	122	113	102	92	
LQDL8-16	5.5	166	161	156	148	139	130	118	106	
LQDL8-18	7.5	187	182	175	167	157	146	134	120	
LQDL8-20	7.5	208	202	195	186	175	163	150	135	

安装图(Installation drawing)



尺寸和重量(Dimensions and weight)

型号 Model	尺寸 Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL8-2/1	379		634				24
LQDL8-2	379	255	634	170	142	120	24
LQDL8-3	409		664				34
LQDL8-4	439		729				34
LQDL8-5	469	290	759	190	155	140	44
LQDL8-6	499		789				44
LQDL8-8	569	325	894	197	165		49
LQDL8-10	629	335	964	230	188	160	58
LQDL8-12	689		1024				59
LQDL8-14	769		1199				84
LQDL8-16	829	430	1259	260	208	200	94
LQDL8-18	889		1319				94
LQDL8-20	949		1379				94

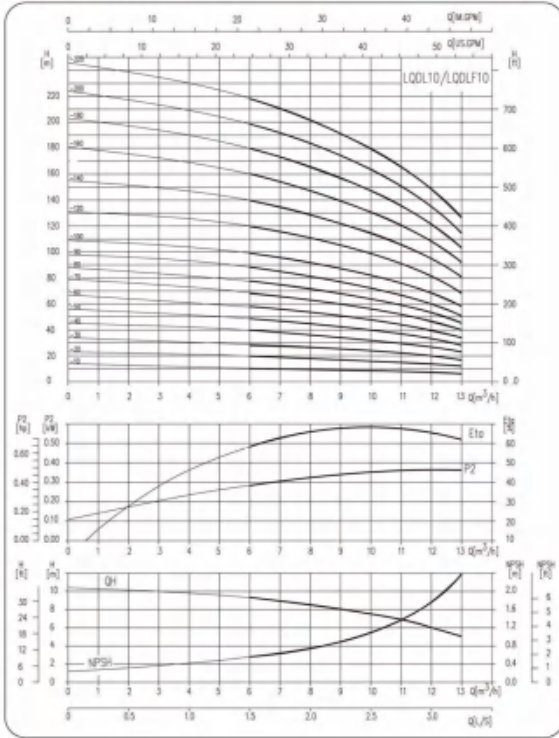
LQDL8-14-8-20 无耦合法兰型管路联接

单相电机、隔爆电机外形尺寸有所变动, 详情请咨询本公司。

LQDL8-14-8-20 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor	Q (m³/h)	6	7	8	9	10	11	12	13
LQDL10-1	0.37	H	11	10	9	8	7	6	5	4
LQDL10-2	0.75		20	19	18	17	16	14	13	11
LQDL10-3	1.1		29	28	27	25	23	21	19	17
LQDL10-4	1.5		39	37	36	34	32	29	26	23
LQDL10-5	2.2		48	47	45	42	39	36	32	29
LQDL10-6	2.2		58	56	54	51	47	43	39	34
LQDL10-7	3.0		69	66	63	60	56	51	46	41
LQDL10-8	3.0		79	76	73	69	64	58	52	46
LQDL10-9	3.0		88	85	82	77	70	66	59	52
LQDL10-10	4.0		100	96	92	87	80	74	66	59
LQDL10-12	4.0		120	115	110	104	95	89	80	70
LQDL10-14	5.5		141	136	130	123	113	105	94	83
LQDL10-16	5.5		162	159	149	141	126	120	108	95
LQDL10-18	7.5		182	175	166	159	147	135	121	107
LQDL10-20	7.5		202	195	186	178	164	150	135	119
LQDL10-22	7.5		222	214	205	194	178	165	148	131

安装图(Installation drawing)



尺寸和重量(Dimensions and weight)

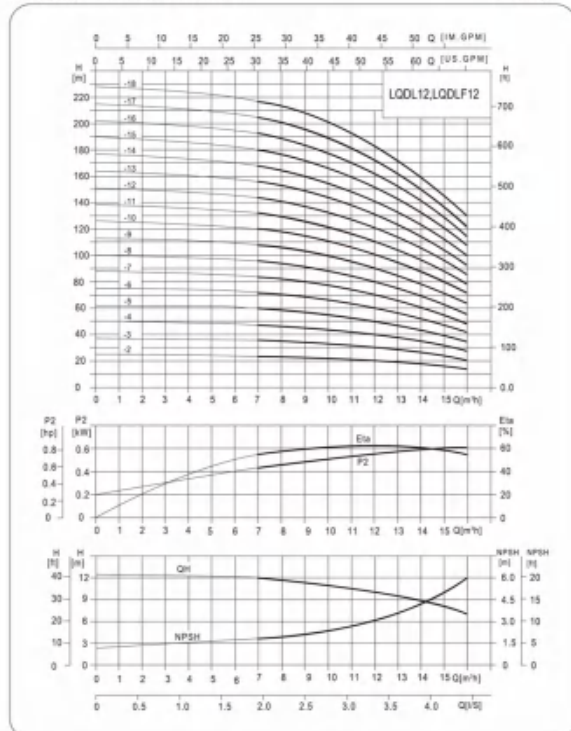
型号 Model	尺寸 Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL10-1	379	210	589	148	117	105	32
LQDL10-2	379	255	634	170	142	120	34
LQDL10-3	400		664				38
LQDL10-4	430		729				46
LQDL10-5	460	290	759	190	155	140	47
LQDL10-6	499		789				48
LQDL10-7	530		854				54
LQDL10-8	569	325	894	197	165		55
LQDL10-9	599		924			100	56
LQDL10-10	629	335	964	230	188		68
LQDL10-12	689		1024				70
LQDL10-14	769		1199				82
LQDL10-16	829		1259				84
LQDL10-18	889	430	1319	260	208	200	99
LQDL10-20	949		1379				101
LQDL10-22	1009		1439				104

LQDL10-18~22 无轴法兰型管路联接

单相电机、防爆电机外形尺寸有所变动, 详情请咨询本公司。

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

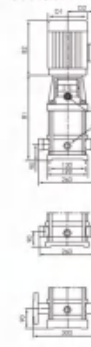
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
LQDL12-2	1.5	H	23.5	23	22.5	22	21	20	18.5	17	15.5	14
LQDL12-3	2.2		35.5	35	34	33	31.5	30	28	26	23.5	21
LQDL12-4	3		47	46	45	44	42	40	37	34	31	28
LQDL12-5	3		59.5	58	56.5	55	52.5	50	46.5	43	39	35
LQDL12-6	4		71.5	70	68	66	63	60	56	52	47	42
LQDL12-7	5.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49
LQDL12-8	5.5		95.5	94	91	88	84	80	75	70	63	56
LQDL12-9	5.5		108	106	103	100	95.5	91	85	79	71.5	64
LQDL12-10	7.5		120	118	114.5	111	106	101	94.5	88	80	72
LQDL12-12	7.5		143.5	141	137	133	127	121	113.5	106	96	86
LQDL12-14	11		168	165	160	155	148	141	132.5	124	112	100
LQDL12-16	11		192.5	189	183.5	178	170	162	152	142	128.5	115
LQDL12-18	11		217	213	207.5	202	192.5	183	171.5	160	145	130

安装图(Installation drawing)



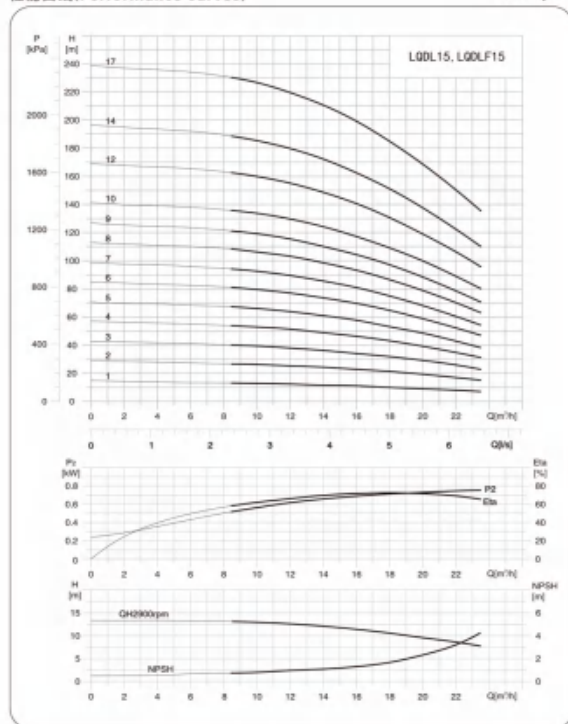
尺寸和重量(Dimensions and weight)

型号 Model	尺寸 Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL12-2	379	290	669	190	155	140	37
LQDL12-3	409		699				40
LQDL12-4	449	325	774	197	165	160	48
LQDL12-5	479		804				58
LQDL12-6	509	335	844	230	188		58
LQDL12-7	559		909				78
LQDL12-8	589		1519				78
LQDL12-9	619	430	1549	260	208	200	78
LQDL12-10	649		1579				78
LQDL12-12	709		1139				80
LQDL12-14	859		1384				151
LQDL12-16	919	505	1424	330	255	350	151
LQDL12-18	979		1484				153

单相电机、防爆电机外形尺寸有所变动, 详情请咨询本公司。

The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

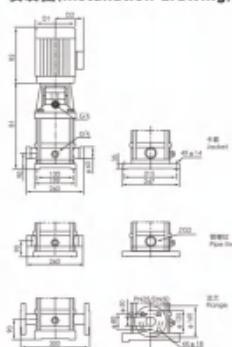
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电动机 Matching motor (KW)	Q (m³/h)	3	6	9	12	15	18	21
LQDL15-1	1.1	H (m)	15	13	13	12	11	10	9
LQDL15-2	2.2		28	27	26	25	23	21	18
LQDL15-3	3.0		42	41	40	38	35	32	28
LQDL15-4	4.0		58	55	55	51	47	43	38
LQDL15-5	4.0		70	68	66	64	58	53	48
LQDL15-6	5.5		83	82	80	77	71	64	58
LQDL15-7	5.5		98	96	94	89	83	75	65
LQDL15-8	7.5		112	110	108	103	96	86	75
LQDL15-9	7.5		125	123	120	115	108	97	84
LQDL15-10	11.0		140	138	136	129	120	109	95
LQDL15-12	11.0		168	165	162	155	142	130	114
LQDL15-14	11.0		194	192	188	180	166	151	130
LQDL15-17	15.0		237	234	230	219	205	185	160

安装图(Installation drawing)

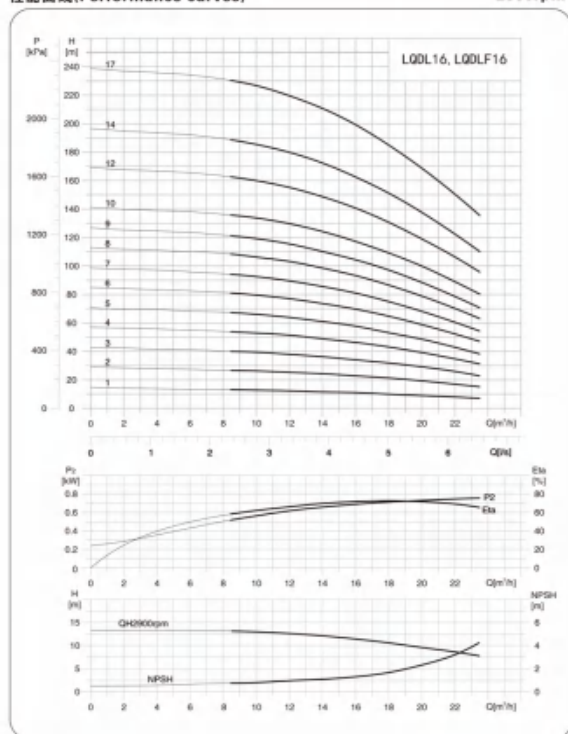


尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)				重量 Weight (kg)
	B1	B1+B2	D1	D2	
LQDL15-1	352	602	150	95	42
LQDL15-2	413	723	168	112	50
LQDL15-3	463	793	194	124	55
LQDL15-4	508	865	212	142	68
LQDL15-5	553	910	212	142	69
LQDL15-6	630	1028	259	164	91
LQDL15-7	675	1073	259	164	93
LQDL15-8	720	1118	259	164	97
LQDL15-9	785	1163	259	164	98
LQDL15-10	887	1382	330	255	141
LQDL15-12	977	1482	330	255	145
LQDL15-14	1067	1572	330	255	148
LQDL15-17	1202	1767	330	255	158

单相电机、防爆电机外形尺寸有所变动, 详情请咨询本公司。  
The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

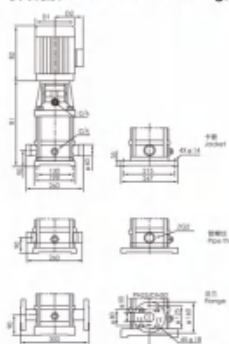
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电动机 Matching motor (KW)	Q (m³/h)	3	6	9	12	15	18	21
LQDL16-1	1.1	H (m)	15	13	13	12	11	10	9
LQDL16-2	2.2		28	27	26	25	23	21	18
LQDL16-3	3.0		42	41	40	38	35	32	28
LQDL16-4	4.0		58	55	55	51	47	43	38
LQDL16-5	4.0		70	68	66	64	58	53	48
LQDL16-6	5.5		83	82	80	77	71	64	58
LQDL16-7	5.5		98	96	94	89	83	75	65
LQDL16-8	7.5		112	110	108	103	96	86	75
LQDL16-9	7.5		125	123	120	115	108	97	84
LQDL16-10	11.0		140	138	136	129	120	109	95
LQDL16-12	11.0		168	165	162	155	142	130	114
LQDL16-14	11.0		194	192	188	180	166	151	130
LQDL16-17	15.0		237	234	230	219	205	185	160

安装图(Installation drawing)

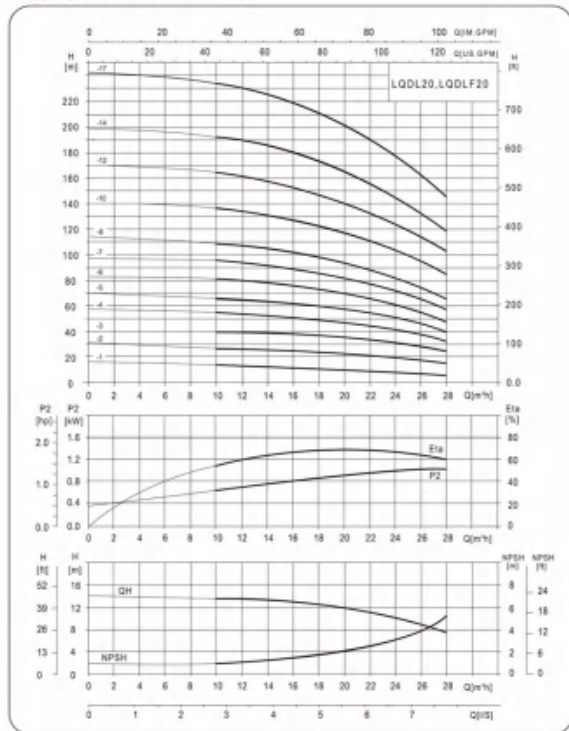


尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)				重量 Weight (kg)
	B1	B1+B2	D1	D2	
LQDL16-1	352	602	150	95	42
LQDL16-2	413	723	168	112	50
LQDL16-3	463	793	194	124	55
LQDL16-4	508	865	212	142	68
LQDL16-5	553	910	212	142	69
LQDL16-6	630	1028	259	164	91
LQDL16-7	675	1073	259	164	93
LQDL16-8	720	1118	259	164	97
LQDL16-9	785	1163	259	164	98
LQDL16-10	887	1382	330	255	141
LQDL16-12	977	1482	330	255	145
LQDL16-14	1067	1572	330	255	148
LQDL16-17	1202	1767	330	255	158

单相电机、防爆电机外形尺寸有所变动, 详情请咨询本公司。  
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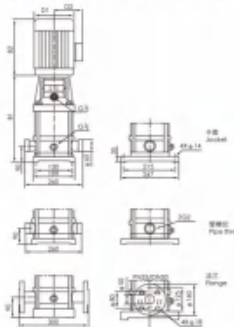
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Rating motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
LQDL 20-1	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
LQDL 20-2	2.2		27	26.5	26	25	24	23	22	20	18	15
LQDL 20-3	4.0		40	39.5	39	38	37	35	33	30	27	24
LQDL 20-4	5.5		54	53	52	51	49	47	44	41	37	33
LQDL 20-5	5.5		67	66	64	62	60	58	55	50	45	40
LQDL 20-6	7.5		81	79	77	75	73	70	66	61	55	49
LQDL 20-7	7.5		95	93	91	89	86	82	77	71	65	58
LQDL 20-8	11		109	107	105	102	99	94	89	82	75	67
LQDL 20-10	11		136	134	131	128	124	118	111	103	95	85
LQDL 20-12	15		164	162	158	154	149	142	133	124	114	102
LQDL 20-14	15		192	189	185	180	174	166	156	145	133	119
LQDL 20-17	18.5		234	230	225	219	212	202	190	177	162	145

安装图(Installation drawing)

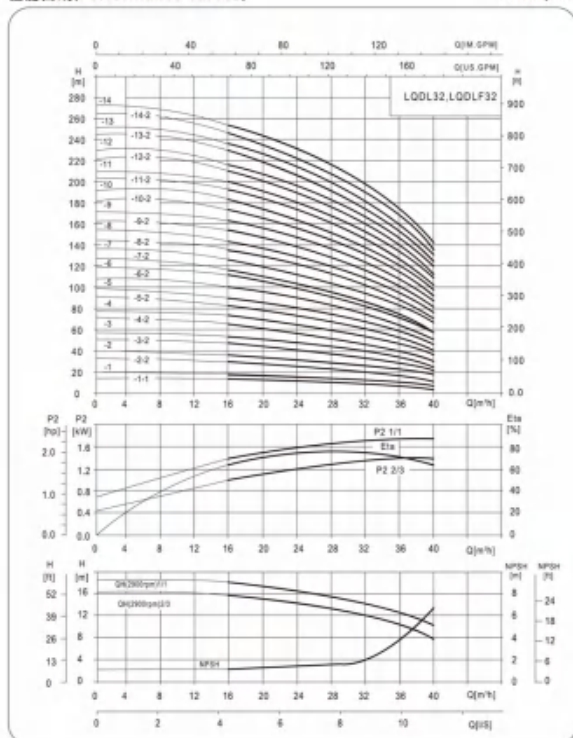


尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL20-1	372	245	617	170	1402	126	33
LQDL20-2	372	290	662	190	155	140	44
LQDL20-3	427	335	762	230	168	160	56
LQDL20-4	517	430	947				73
LQDL20-5	562		897				75
LQDL20-6	627		1057	260	208	200	83
LQDL20-7	672		1162				85
LQDL20-8	717	505	1222				141
LQDL20-10	897		1482				148
LQDL20-12	987		1492	300	255	300	161
LQDL20-14	1077		1582				168
LQDL20-17	1212	590	1772				191

单相电机、防爆电机外形尺寸有所变动，详情请咨询本公司。  
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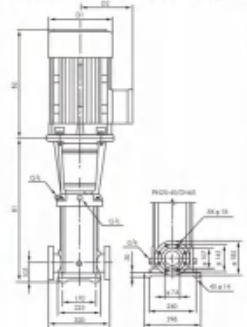
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Rating motor (kW)	Q (m³/h)	16	20	24	28	32	36	40	型号 Model	配用电机 Rating motor (kW)	Q (m³/h)	16	20	24	28	32	36	40
LQDL32-1	1.5	H (m)	14	13	12	11	9	7	4	LQDL32-2	15	136	131	123	114	102	90	71	
LQDL32-1	2.2		18	17	15	14	13	11	8	LQDL32-6	15	144	138	130	120	109	97	77	
LQDL32-2	3.0		29	28	26	23	20	16	11	LQDL32-8	18.5	154	148	140	129	117	103	82	
LQDL32-3	4.0		36	34	32	29	27	23	18	LQDL32-9	18.5	162	156	147	136	124	109	88	
LQDL32-3	5.5		47	44	41	38	33	28	21	LQDL32-10	18.5	175	166	157	146	131	115	91	
LQDL32-3	5.5		54	51	48	44	40	35	27	LQDL32-10	18.5	182	173	164	152	136	122	98	
LQDL32-4	7.5		65	62	58	53	46	40	30	LQDL32-12	22	193	184	173	164	146	128	102	
LQDL32-4	7.5		72	69	65	59	53	47	37	LQDL32-11	22	200	191	180	168	153	135	106	
LQDL32-5	11		83	79	74	68	60	52	41	LQDL32-12	22	211	201	189	178	160	140	113	
LQDL32-5	11		90	86	81	74	67	59	47	LQDL32-12	22	218	208	196	184	167	147	120	
LQDL32-6	11		101	97	90	83	74	65	51	LQDL32-13	30	230	218	206	193	174	153	124	
LQDL32-6	11		108	104	97	90	81	72	57	LQDL32-13	30	237	225	213	200	181	160	131	
LQDL32-7	15		119	114	107	98	88	78	60	LQDL32-14	30	247	235	222	210	189	165	135	
LQDL32-7	15		126	121	113	105	95	85	67	LQDL32-14	30	255	242	229	216	196	172	142	

安装图(Installation drawing)



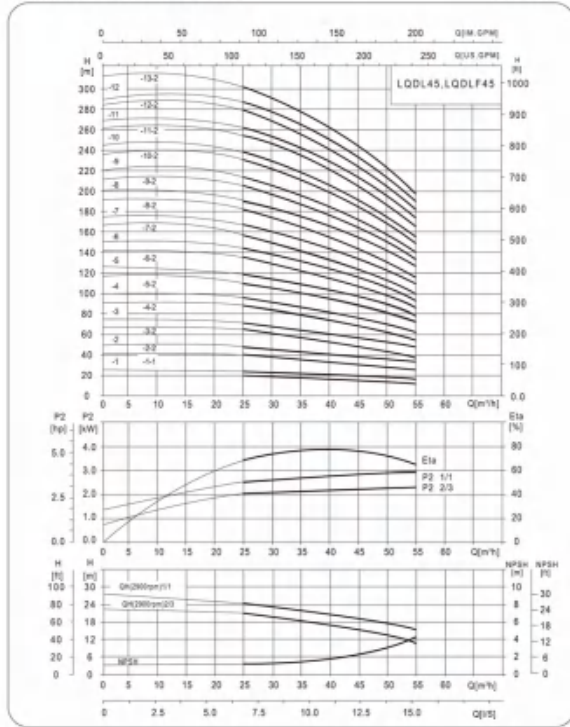
尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL32-1-150-1	513	293	803	190	140	6770	6770
LQDL32-2-250-2	583	3250	3533	16723	165	180	7793
LQDL32-3-350-3	653	430	1083				82
LQDL32-4-350-4	723		1153	260	208	200	101
LQDL32-5-350-5	693	505	1398				177
LQDL32-6-350-6	963		1488				175
LQDL32-7-350-7	1033		1528				187
LQDL32-8-252-8	1103		1608	330	285	350	191
LQDL32-9-350-9	1173	590	1733				220
LQDL32-10-350-10	1243		1803				223
LQDL32-11-250-11	1313	590	1903	350	285	350	280
LQDL32-12-250-12	1383	590	1973				263
LQDL32-13-350-13	1453	690	2113				328
LQDL32-14-350-14	1523		2183	400	310	400	332

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性能曲线(Performance curves)

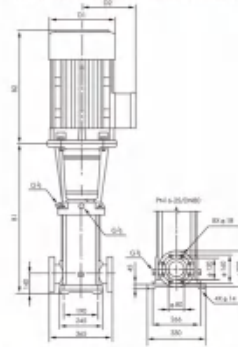
2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	25	30	35	40	42	45	50	55
LQDL45-1-1	3.0	H	20	19	18	17	16	15	13	11
LQDL45-1	4.0	H	24	23	22	21	20	19	18	16
LQDL45-2-2	5.5	H	40	38	36	33	32	30	27	23
LQDL45-2	7.5	H	48	46	44	42	41	39	35	31
LQDL45-3-2	11	H	63	61	58	54	53	50	44	38
LQDL45-3	11	H	71	69	66	63	61	58	53	47
LQDL45-4-2	15	H	87	84	80	75	73	69	62	54
LQDL45-4	15	H	95	92	88	84	81	78	71	62
LQDL45-5-2	18.5	H	111	107	102	96	93	88	80	69
LQDL45-5	18.5	H	119	115	110	105	101	97	88	78
LQDL45-6-2	22	H	135	130	124	117	113	108	97	85
LQDL45-6	22	H	143	138	132	125	122	116	106	93
LQDL45-7-2	30	H	158	152	146	138	134	127	115	100
LQDL45-7	30	H	166	161	154	146	142	135	124	109
LQDL45-8-2	30	H	182	175	168	159	154	146	133	116
LQDL45-8	30	H	190	184	178	167	162	154	141	124
LQDL45-9-2	30	H	205	198	190	180	174	166	150	132
LQDL45-9	37	H	214	207	198	188	183	174	159	140
LQDL45-10-2	37	H	230	221	212	200	194	185	168	147
LQDL45-10	37	H	238	230	220	209	200	193	177	155
LQDL45-11-2	45	H	255	246	236	223	217	208	188	165
LQDL45-11	45	H	263	255	244	232	225	214	196	173
LQDL45-12-2	45	H	280	270	259	246	238	228	206	181
LQDL45-12	45	H	288	280	268	255	247	236	216	190
LQDL45-13-2	45	H	305	294	282	267	259	247	225	198

安装图(Installation drawing)



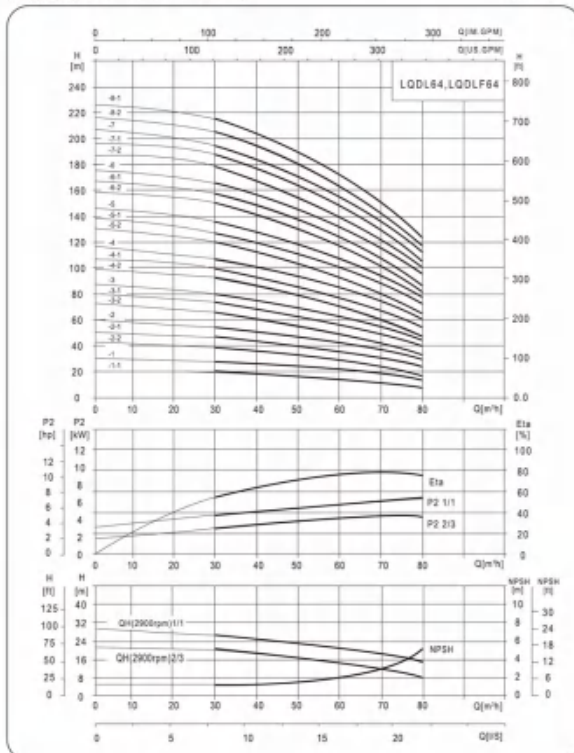
尺寸和重量(Dimensions and weight)

型号 Model	尺寸D (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL45-1-1	88	325/3	88/30	0	197/23	168/1	88/91
LQDL45-2-2	840	430	1070	260	208	208	107/10
LQDL45-3-2	820	595	1325				178
LQDL45-4-2	900	1405	330	255			188
LQDL45-5-2	980	580	1540			350	209
LQDL45-6-2	1065	580	1650	380	285		252
LQDL45-7-2	1145	580	1800				314
LQDL45-8-2	1225		1880				318
LQDL45-9-2	1300		1960				323/34
LQDL45-10-2	1380		2040	400	310	400	348
LQDL45-11-2	1480		2190				412
LQDL45-12-2	1570	700	2270	480	340	450	418
LQDL45-13-2	1650		2360				420

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性能曲线(Performance curves)

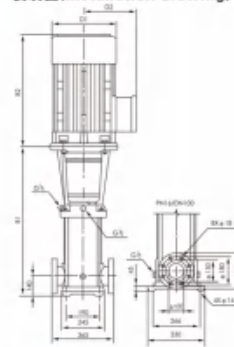
2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	30	40	50	60	65	70	80
LQDL64-1-1	4.0	H	19	18	16	14	13	11	8
LQDL64-1	5.5	H	27	25	23	21	20	18	15
LQDL64-2-2	7.5	H	38	36	33	29	28	25	17
LQDL64-2-1	11	H	48	44	40	36	33	30	24
LQDL64-2	11	H	53	51	47	43	40	37	30
LQDL64-3-2	15	H	66	62	56	50	46	41	32
LQDL64-3-1	15	H	73	69	63	57	53	48	39
LQDL64-3	18.5	H	80	76	70	64	60	55	46
LQDL64-4-2	18.5	H	82	87	80	71	66	60	47
LQDL64-4-1	22	H	100	94	87	78	73	67	54
LQDL64-4	22	H	107	101	94	85	80	74	61
LQDL64-5-2	30	H	121	114	105	95	88	80	64
LQDL64-5-1	30	H	138	121	112	102	95	87	71
LQDL64-5	30	H	136	129	119	109	102	94	78
LQDL64-6-2	30	H	150	142	131	118	110	101	81
LQDL64-6-1	37	H	157	149	138	125	117	108	88
LQDL64-6	37	H	164	156	145	132	124	115	95
LQDL64-7-2	37	H	179	169	156	141	132	121	99
LQDL64-7-1	37	H	186	176	163	148	139	128	106
LQDL64-7	45	H	193	183	170	155	146	135	112
LQDL64-8-2	45	H	207	196	182	164	154	142	118
LQDL64-8-1	45	H	215	203	189	171	161	149	123

安装图(Installation drawing)

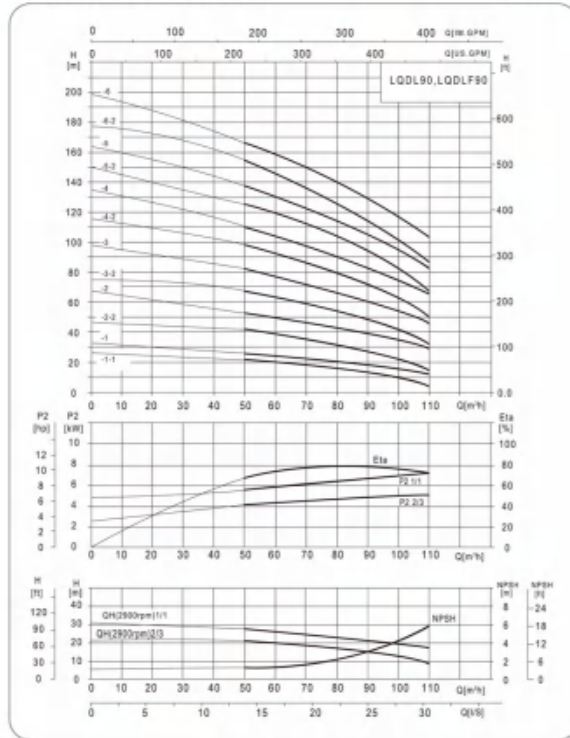


尺寸和重量(Dimensions and weight)

型号 Model	尺寸D (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL64-1-1	578	210	911	236	188	189	106
LQDL64-1	658	430	1058	280	208	200	121
LQDL64-2-2	758		1263				156
LQDL64-2-1	840		1345	330	255	350	198
LQDL64-2	860		1490				207
LQDL64-3-2	922		1482				219
LQDL64-3-1	922	590	1512	380	285	390	281
LQDL64-3	1004		1664				345
LQDL64-4-2	1086		1746	400	310	400	351
LQDL64-4-1	1168		1828				376
LQDL64-4	1168		1888				437
LQDL64-5-1	1280	710	1990	480	340	450	443

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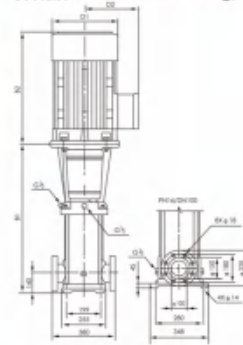
性能曲线(Performance curves) 2900rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	50	60	70	80	85	90	100	110
LODL90-1-1	5.5	H (m)	22	19	17	16	14	13	10	6
LODL90-1	7.5		25	24	22	21	20	19	16	12
LODL90-2-2	11		41	39	36	32	30	28	22	15
LODL90-2	15		53	50	47	44	41	40	38	30
LODL90-3-2	18.5		68	65	60	55	52	49	41	32
LODL90-3	22		81	77	72	67	64	62	55	48
LODL90-4-2	30		98	93	87	80	75	72	62	50
LODL90-4	30		110	105	100	92	88	84	78	68
LODL90-5-2	37		128	120	113	104	98	93	81	68
LODL90-5	37		139	131	124	115	110	108	94	83
LODL90-6-2	45		155	148	139	129	122	117	102	86
LODL90-6	45		168	160	150	141	134	130	117	103

安装图(Installation drawing)

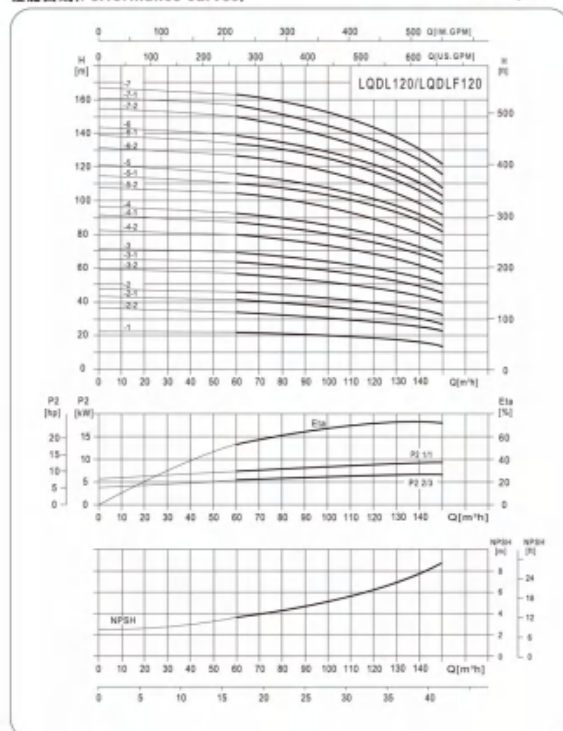


尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LODL90-1-1							122
LODL90-1	587	430	1017	280	208	200	124
LODL90-2-2							167
LODL90-2	779	505	1284		330	255	200
LODL90-3-2							214
LODL90-3	871	593	1431			350	214
LODL90-4-2							288
LODL90-4	983	590	1461	360	285		288
LODL90-5-2							300
LODL90-5	983		1623				300
LODL90-6-2							377
LODL90-6	1066		1715	400	310	400	377
LODL90-6-2							449
LODL90-6	1177	700	1887	460	340	450	449

单相电机、隔爆电机外形尺寸有所变动，详情请咨询本公司。  
The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

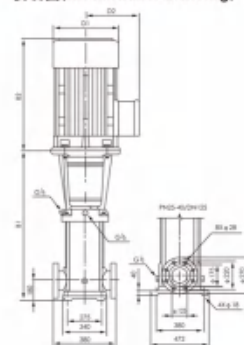
性能曲线(Performance curves) 2950rpm



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	60	70	80	90	100	110	120	130	140	150
LQDL 120-1	11	H (m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
LQDL 120-2-1	18.5		41	40	38.5	38.5	37	36.5	34.5	32.5	30	27.5
LQDL 120-2	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
LQDL 120-3	30		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
LQDL 120-4-1	37		87	86	84.5	82	80	78	76	72	68	64.5
LQDL 120-5-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
LQDL 120-6-1	55		134	132	130.5	127	124	121	118	111	105	100
LQDL 120-7	75		162.5	160.5	158.5	155	151	148	145	137	129	122

安装图(Installation drawing)

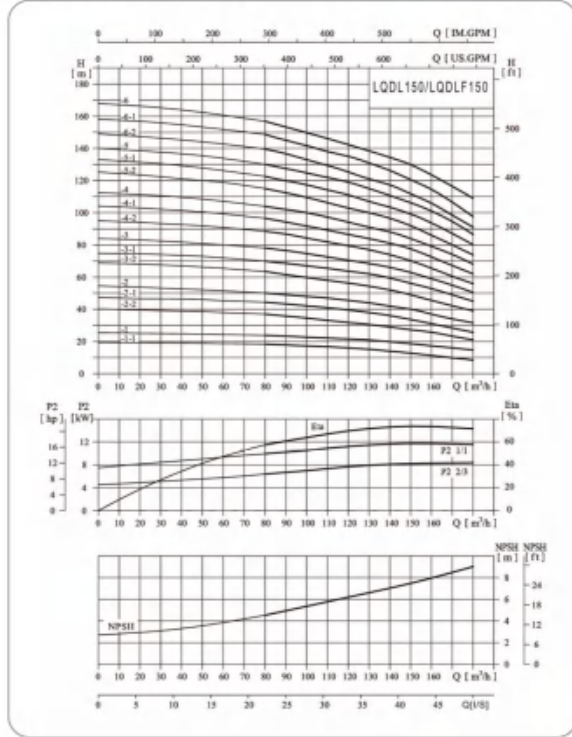


尺寸和重量(Dimensions and weight)

型号 Model	尺寸Dimensions (mm)						重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	D3	
LQDL 120-1	640	490	1330	330	255	230	230
LQDL 120-2-1	1000	550	1550	330	255	250	250
LQDL 120-2	1000	590	1590	360	285	285	285
LQDL 120-3	1160	660	1820	400	310	360	360
LQDL 120-4-1	1320	680	1980	400	310	400	400
LQDL 120-5-1	1480	700	2180	460	340	410	410
LQDL 120-6-1	1670	730	2440	540	370	585	585
LQDL 120-7	1830	845	2675	580	410	715	715

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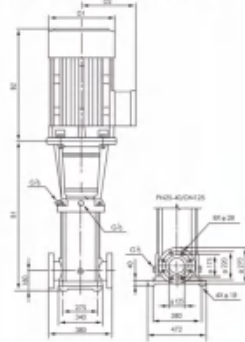
性能曲线(Performance curves) 2950rpm



性能表(Performance table)

型号 Model	配套电机 Matching motor (KW)	Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180
LQDL 150-1-1	11	H (m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
LQDL 150-1	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
LQDL 150-2-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
LQDL 150-3-2	30		63.5	61	60	57.5	56	54.5	53	49	45.5	42	39
LQDL 150-3	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
LQDL 150-4-1	45		95.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
LQDL 150-5-2	55		115.5	112	108	106	102.5	100	97	92	86	79	73.5
LQDL 150-6	75		157	153	148	145	142	138.5	137	130	123.5	116	108

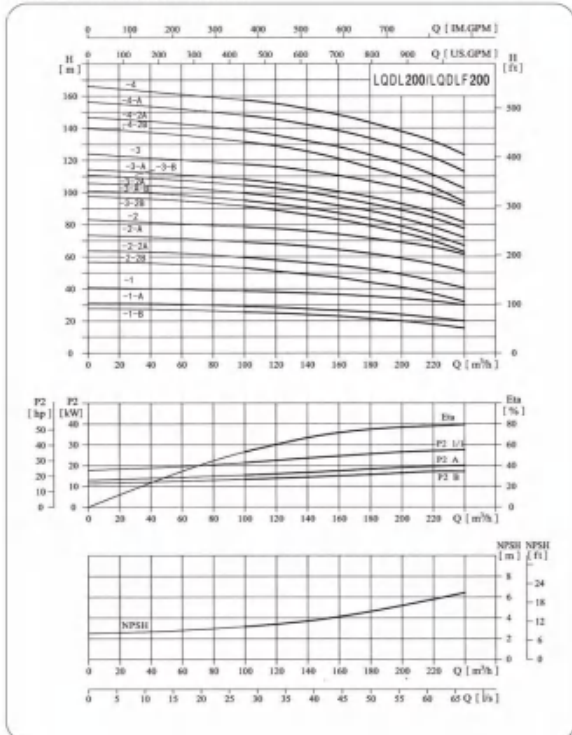
安装图(Installation drawing) 尺寸和重量(Dimensions and weight)



型号 Model	尺寸Dimensions (mm)				重量Weight (kg)
	B1	B2	B1+B2	D2	
LQDL 150-1-1	840	480	1330	330	230
LQDL 150-1	840	480	1330	330	235
LQDL 150-2-1	1000	590	1590	380	295
LQDL 150-3-2	1180	680	1820	400	310
LQDL 150-3	1180	680	1820	400	310
LQDL 150-4-1	1320	790	2020	460	340
LQDL 150-5-2	1510	770	2280	540	370
LQDL 150-6	1670	845	2515	580	410

单相电机、隔爆电机外形尺寸有所变动，详情请咨询本公司。  
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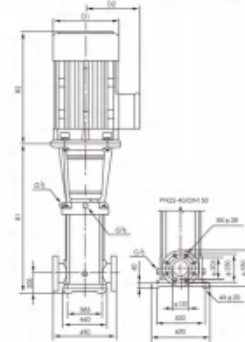
性能曲线(Performance curves) 2950rpm



性能表(Performance table)

型号 Model	配套电机 Matching motor (KW)	Q (m³/h)	100	120	140	160	180	200	220	240
LQDL 200-1-8	18.5	H (m)	25.5	25	24	23	21.5	20	18	15.5
LQDL 200-1-A	22		29	28.5	27.5	26.5	25.5	24	22	20
LQDL 200-1	30		38.5	38	37.5	36.5	35	34	32.5	30
LQDL 200-2-28	37		53	51	49	47	44	41	37	32
LQDL 200-2-3A	45		59.5	58	56	54	52.5	49	44.5	40.5
LQDL 200-2-A	55		69	68	66	64	62	59	55.5	51
LQDL 200-2	55		78.5	77.5	76	74	71.5	69	66	61.5
LQDL 200-3-28	75		91.5	89	86.5	83.5	79	75	70	63
LQDL 200-3-8	75		95	93	90	87	83.5	79	73.5	67
LQDL 200-3-2A	75		99.5	97.5	94.5	91.5	89	84	78.5	72
LQDL 200-3-8	75		104.5	102.5	100	97	93	89	84.5	77.5
LQDL 200-3-A	75		108	106	103.5	100.5	97.5	93	88	81.5
LQDL 200-3	90		117.5	116	113.5	110.5	107	103	99	92
LQDL 200-4-28	90		131.5	129	125.5	121	115.5	110	103.5	94
LQDL 200-4-2A	110		138.5	136	132	128	124	118	111	102.5
LQDL 200-4-A	110		148	145.5	142.5	138	134	128	122	113
LQDL 200-4	110		157.5	155.5	152.5	148	143.5	138	132.5	123.5

安装图(Installation drawing) 尺寸和重量(Dimensions and weight)



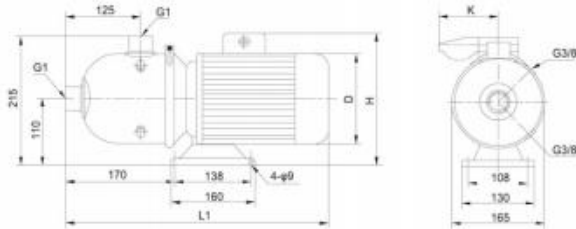
型号 Model	尺寸Dimensions (mm)				重量Weight (kg)
	B1	B2	B1+B2	D2	
LQDL 200-1-8	907	550	1457	330	311
LQDL 200-1-A	907	575	1482	360	347
LQDL 200-1	907	650	1557	400	403
LQDL 200-2-28	1181	650	1751	400	310
LQDL 200-2-3A	1181	685	1786	460	340
LQDL 200-2-A	1131	790	1891	540	370
LQDL 200-2	1131	790	1891	540	370
LQDL 200-3-28	1325	845	2170	580	430
LQDL 200-3-8	1325	845	2170	580	430
LQDL 200-3-2A	1325	845	2170	580	430
LQDL 200-3-A	1325	845	2170	580	430
LQDL 200-3	1325	895	2220	580	430
LQDL 200-4-28	1519	895	2414	580	470
LQDL 200-4-2A	1519	1140	2659	645	550
LQDL 200-4-A	1519	1140	2659	645	550
LQDL 200-4	1519	1140	2659	645	550

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The external dimensions of single-phase motors and explosion-proof motors have changed. Please consult with us about them.

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
LQDWF2-2	0.37	H (m)	19	18	16	14	13	11	9
LQDWF2-3	0.37		28	27	24	21	20	17	14
LQDWF2-4	0.55		38	34	32	28	26	23	17
LQDWF2-5	0.55		46	43	40	35	33	28	22
LQDWF2-6	0.75		54	50	48	42	38	33	25

安装图(Installation drawing)



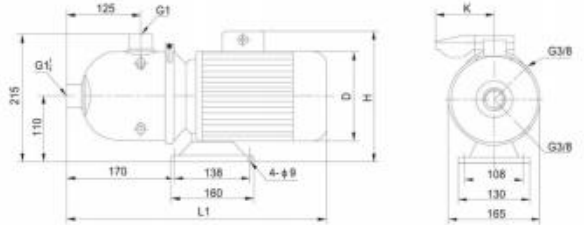
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)				重量Weight (kg)
		L1	D	H	K	
三相/单相 Three-phase/ single-phase	LQDWF2-2	407	145	215/230	/96	13
	LQDWF2-3	407	145	215/230	/96	13
	LQDWF2-4	407	145	215/230	/96	13
	LQDWF2-5	407	145	215/230	/96	13
	LQDWF2-6	446	170	225/245	/100	15

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
LQDWF4-2	0.37	H (m)	19	18	16	15	13	10	7
LQDWF4-3	0.55		28	27	24	22	19	15	10
LQDWF4-4	0.75		38	36	32	30	26	20	14

安装图(Installation drawing)



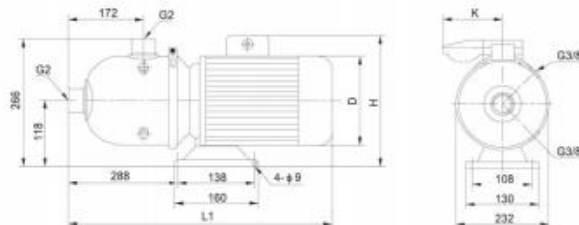
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)				重量Weight (kg)
		L1	D	H	K	
三相/单相 Three-phase/ single-phase	LQDWF4-2	407	145	215/230	/96	12
	LQDWF4-3	446	170	225/245	/100	15
	LQDWF4-4	446	170	225/245	/100	15

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
LQDWF8-1	0.75	H (m)	9.5	9.3	9	8.5	7.5	6.5	5.5
LQDWF8-2	0.75		19	18.5	18	17	15	13	11
LQDWF8-3	1.1		29	28	27	25.5	22.5	20	17.5
LQDWF8-4	1.5		39	38	36	34	30	26.5	22.5
LQDWF8-5	2.2		49	47	45	42.5	38	33.5	28

安装图(Installation drawing)



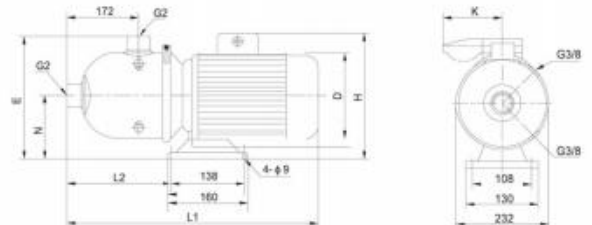
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)					重量Weight (kg)
		L1	D	H	K	E	
三相/单相 Three-phase/ single-phase	LQDWF8-1	566	170	230/265	/100	20	20
	LQDWF8-2	566	170	230/265	/100	20	20
	LQDWF8-3	566	170	230/265	/100	25	25
	LQDWF8-4	618	180	240/270	/100	25	25
	LQDWF8-5	618	180	240/270	/100	30	30

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
LQDWF12-1	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
LQDWF12-2	1.5		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
LQDWF12-3	2.2		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
LQDWF12-4	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
LQDWF12-5	3		60	58	56.5	55	52.5	50	47	44	40	35

安装图(Installation drawing)



尺寸和重量(Dimensions and weight)

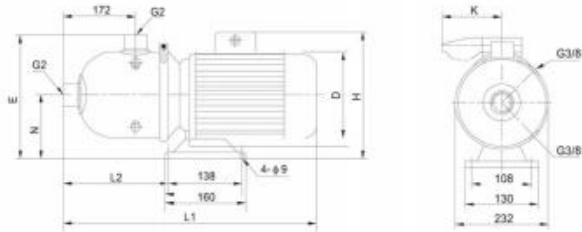
电机 Motor	型号 Model	尺寸Dimensions (mm)							重量Weight (kg)
		L1	L2	H	D	E	N	K	
三相/单相 Three-phase/ single-phase	LQDWF12-1	566	288	230/265	170	268	118	/100	20
	LQDWF12-2	566	288	230/265	170	268	118	/100	21
	LQDWF12-3	618	288	240/270	180	268	118	/100	25
	LQDWF12-4	618	288	240/270	180	268	118	/100	29
	LQDWF12-5	626	278	270	195	276	126		34



性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	8	10	12	14	16	18	20	22
LQDWF15-1	1.1	H (m)	12.5	12	11.5	10.5	10	9	7.5	6.5
LQDWF15-2	2.2		25.5	24	23	22	21	19	17	14.5
LQDWF15-3	3		38.5	37	36	34	32	30	27	23

安装图(Installation drawing)



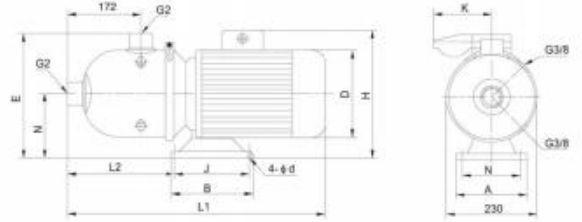
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)							重量Weight (kg)
		L1	L2	E	N	D	H	K	
三相/单相 Three-phase/ single-phase	LQDWF15-1	566	288	268	118	170	230/265	/100	20
	LQDWF15-2	618	288	268	118	180	240/270	/100	27
	LQDWF15-3	626	278	278	126	195	270/		34

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
LQDWF20-1	1.1	H (m)	12.5	12	11.5	11	10.5	9.5	8.5	7.5	6.5	5.5
LQDWF20-2	2.2		25.5	24.5	24	23	22	21	20	18	16	13.5
LQDWF20-3	4		38	37.5	37	36	35	33	31	28	25	22

安装图(Installation drawing)



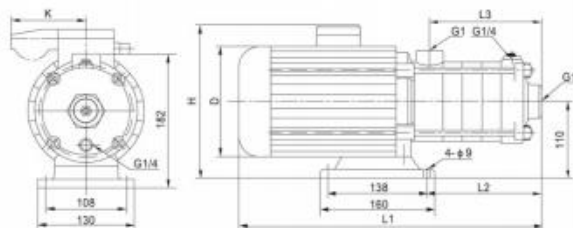
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)											重量 Weight (kg)	
		L1	L2	H	D	E	N	A	M	B	J	φ		K
三相/单相 Three-phase/ single-phase	LQDWF20-1	560	280	230/265	170	268	118	130	108	160	138	9	/100	21
	LQDWF20-2	560	280	240/270	180	268	118	130	108	160	138	9	/100	28
	LQDWF20-3	650	360	270/	220	270	120	230	190	170	140	12		42

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
LQDWJ(T)2-2	0.37	H (m)	19	18	16	14	13	11	9
LQDWJ(T)2-3	0.37		28	27	24	21	20	17	14
LQDWJ(T)2-4	0.55		36	34	32	28	26	23	17
LQDWJ(T)2-5	0.55		46	43	40	35	33	28	22
LQDWJ(T)2-6	0.75		54	50	48	42	38	33	25

安装图(Installation drawing)



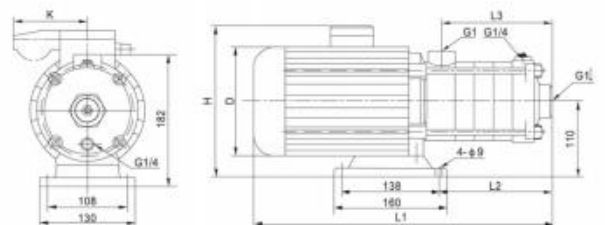
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)						重量Weight (kg)
		L1	L2	L3	D	H	K	
三相/单相 Three-phase/ single-phase	LQDWJ(T)2-2	305	87	84	145	215/230	/96	15
	LQDWJ(T)2-3	323	105	102	145	215/230	/96	15
	LQDWJ(T)2-4	341	123	120	145	215/230	/96	15
	LQDWJ(T)2-5	359	141	138	145	215/230	/96	15
	LQDWJ(T)2-6	422	159	156	170	225/245	/100	17

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
LQDWJ(T)4-2	0.37	H (m)	19	18	16	15	13	10	7
LQDWJ(T)4-3	0.55		28	27	24	22	19	15	10
LQDWJ(T)4-4	0.75		38	36	32	30	26	20	14
LQDWJ(T)4-5	1.1		46	44	41	38	32	26	20
LQDWJ(T)4-6	1.1		55	53	50	45	37	31	26

安装图(Installation drawing)



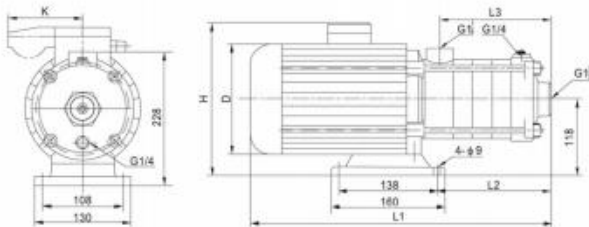
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)						重量Weight (kg)
		L1	L2	L3	D	H	K	
三相/单相 Three-phase/ single-phase	LQDWJ(T)4-2	329	105	102	145	215/230	/96	15
	LQDWJ(T)4-3	356	132	126	145	215/230	/96	15
	LQDWJ(T)4-4	416	162	156	170	225/245	/100	17
	LQDWJ(T)4-5	455	188	183	170	225/245	/100	17
	LQDWJ(T)4-6	482	213	210	170	225/245	/100	17

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
LQDWJ(T)8-1	0.75	H (m)	9.5	9.3	9	8.5	7.5	6.5	5
LQDWJ(T)8-2	0.75		19	18.5	18	17	15	13	11
LQDWJ(T)8-3	1.1		29	28	27	26.5	22.5	20	17.5
LQDWJ(T)8-4	1.5		39	38	38	34	30	26.5	22.5
LQDWJ(T)8-5	2.2		49	47	45	42.5	38	33.5	28

安装图(Installation drawing)



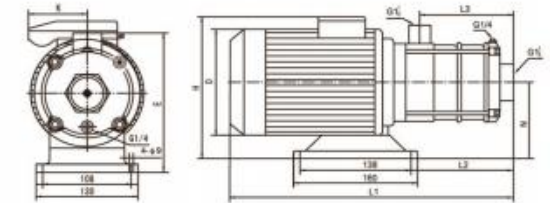
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)							重量Weight (kg)
		L1	L2	L3	D	H	K		
三相/单相 Three-phase/ single-phase	LQDWJ(T)8-1	395	128	108	170	230/265	/100	20	
	LQDWJ(T)8-2	395	128	108	170	230/265	/100	20	
	LQDWJ(T)8-3	425	156	138	170	230/265	/100	25	
	LQDWJ(T)8-4	490	186	168	180	240/270	/100	28	
	LQDWJ(T)8-5	520	216	198	180	240/270	/100	30	

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
LQDWJ(T)12-1	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
LQDWJ(T)12-2	1.5		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
LQDWJ(T)12-3	2.2		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
LQDWJ(T)12-4	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
LQDWJ(T)12-5	3		60	58	56.5	55	52.5	50	47	44	40	35

安装图(Installation drawing)



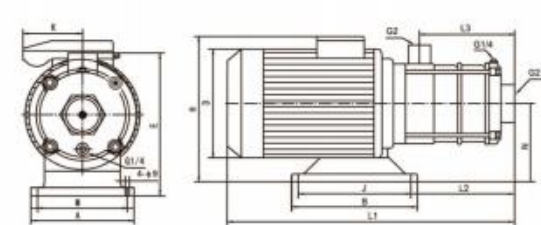
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)									重量Weight (kg)
		L1	L2	L3	H	D	E	N	K		
三相/单相 Three-phase/ single-phase	LQDWJ(T)12-1	395	128	108	230/265	170	228	118	/100	20	
	LQDWJ(T)12-2	395	128	108	230/265	170	228	118	/100	21	
	LQDWJ(T)12-3	460	158	138	240/270	180	228	118	/100	25	
	LQDWJ(T)12-4	490	188	168	240/270	180	228	118	/100	29	
	LQDWJ(T)12-5	555	218	198	270	190	240	128		34	

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	8	10	12	14	16	18	20	22
LQDWJ(T)15-1	1.1	H (m)	12.5	12	11.5	10.5	10	9	7.5	6.5
LQDWJ(T)15-2	2.2		25.5	24	23	22	21	19	17	14.5
LQDWJ(T)15-3	3		38.5	37	36	34	32	30	27	23
LQDWJ(T)15-4	4		51.5	50.5	49	46	43	40.5	36	31.5

安装图(Installation drawing)



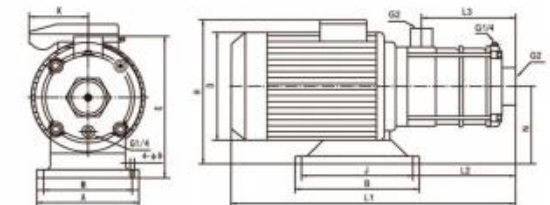
尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)											重量 Weight (kg)		
		L1	L2	L3	H	D	E	N	A	M	B	J		d	K
三相/单相 Three-phase/ single-phase	LQDWJ(T)15-1	423	151	126	230/265	180	227	117	130	108	160	138	9	/100	17.5
	LQDWJ(T)15-2	455	151	126	240/270	180	228	118	130	108	160	138	9	/100	27
	LQDWJ(T)15-3	561	196	171	270	190	240	130	130	108	160	138	9		33
	LQDWJ(T)15-4	621	340	218	270	220	230	120	230	190	170	140	12		41

性能表(Performance table)

型号 Model	配用电机 Matching motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
LQDWJ(T)20-1	1.1	H (m)	12.5	12	11.5	11	10.5	9.5	8.5	7.5	6.5	5.5
LQDWJ(T)20-2	2.2		25.5	24.5	24	23	22	21	20	18	16	13.5
LQDWJ(T)20-3	4		38	37.5	37	36	35	33	31	28	25	22
LQDWJ(T)20-4	4.4		51	50	49	48	47	44.5	41.5	37.5	33.5	30

安装图(Installation drawing)



尺寸和重量(Dimensions and weight)

电机 Motor	型号 Model	尺寸Dimensions (mm)											重量 Weight (kg)		
		L1	L2	L3	H	D	E	N	A	M	B	J		d	K
三相/单相 Three-phase/ single-phase	LQDWJ(T)20-1	423	151	126	230/265	180	227	117	130	108	160	138	9	/100	17.5
	LQDWJ(T)20-2	455	151	126	240/270	180	228	118	130	108	160	138	9	/100	27
	LQDWJ(T)20-3	576	294	171	270	220	230	120	230	180	170	140	12		41
	LQDWJ(T)20-4	621	340	218	270	220	230	120	230	180	170	140	12		44



# 莲盛泵业



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