连成集团
LIANCHENG GROUP

GDL系列多级管道离心泵

GDL SERIES MULTI-STAGE PIPELINE CENTRIFUGAL PUMP

上海连成（集团）有限公司
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2017年 第一版 第一次印刷
First printing and first edition in 2017

印刷日期： 2017.10.12
Date of printing : 2017.10.12

企业简介 CORPORATION OUTLINE

上海连成(集团)有限公司，是一家国内著名的研究制造泵、阀和流体输送系统、电气控制系统和环保设备的多元化经营的大型集团企业。

经过十多年的发展，现已拥有五大工业园区，分布于上海、江苏和浙江等经济发达地区，总占地面积达55万平方米，总部设在上海封浜工业园区。旗下拥有上海连成泵业制造有限公司、上海连成电机有限公司、上海连成阀门有限公司、上海连成集团物流有限公司、上海连成集团通用设备安装工程、上海阿美泰克工业设备有限公司、上海连成集团环境工程设备有限公司、上海连成集团苏州股份有限公司等多家全资子公司及控股公司，注册资金达5.8亿元以上，总资产达数十亿元。产品品种现已达三千多种，涵盖水泵、电机、电气柜、阀门、成套设备、机械配件等系列，其产品性价合理，质量可靠，广泛应用于市政、水利、建筑、消防、电力、环保、石油、化工、矿业、医药等领域。集团销售业绩每年均为行业前茅。

集团公司目前拥有大型水泵测试中心、三坐标测量仪、动静平衡测量仪、激光快速成型仪、多功能抛丸机、自动氩弧焊机、大型立车、大型磨床、数控机床集群等各种国内外先进的生产检测设备2000台套以上。现有员工4500余人，大中专生占72.6%，其中中级职称者475人、高级职称者78人、国家级专家19人、教授6人。每年都投入大量资金用于技术创新、产品开发和设备引进，持有国家专利技术近达600余项，每年均参与大量的国家及行业标准起草及编写工作，涉及水利、化工、消防、城市供水等各领域的产品及技术标准累计达数十部。集团建有完善的销售服务网络，设有30余家分公司及200多个分支机构，拥有一支2800多人的专业销售服务队伍，为广大客户提供专业的技术支持与优良的营销服务。

集团通过了ISO9001、ISO14001、OHSAS18001等国际管理体系认证，全面推行ERP信息化管理；先后获得国家和行业颁发的工业、消防、煤矿、石油化工等重要领域的工业产品生产许可证、CCC中国国家强制性产品认证、CQC产品认证、CE认证、卫生许可批件、MA煤安认证、SMA计量合格认证、节能认证、节水认证、采用国际标准认证、进出口企业资格等生产经营资质；并获得了“国家级创新型企业”、“中国驰名商标”、“上海市著名商标”、“上海市名牌产品”、“中国著名品牌”、“大型企业”、“国家首批水泵节能认证通过企业”、“上海市高新科技企业”、上海“市级企业技术中心”、“上海市知识产权示范企业”、“上海市民营制造业50强”、“上海市百强工业企业”、“国家标准起草单位”、“中国水工业十大民族品牌”等众多的社会荣誉。

随着连成集团的永续经营，连成产品得到了用户广泛认可，目前拥有：国家体育场“鸟巢”、国家大剧院、上海世博工程、首都机场、广州白云机场、上海地铁、西安地铁、沈阳地铁、香港供水工程深圳沙湾泵站、澳门供水工程珠海平岗泵站、黄河灌溉山西夹马口泵站、山西省西范泵站、广东云安六都泵站、黄河小浪底水利工程、宁夏扬黄灌溉工程、鄂尔多斯城市饮水工程、秦山核电、岭奥核电、国电集团、大唐电厂、华能电厂、宝钢、首钢、唐钢、太钢、鞍钢、新疆八一钢铁、大庆油田、青海盐湖钾盐项目、山西焦化、潞安矿业、陕西咸阳化工、中海油惠州炼油项目、清华大学、海尔集团和安哥拉农业排灌工程、缅甸国家农业灌溉项目，以及核电、火电、水电、钢铁、油田、焦化、矿业、化工、炼油等一大批国内、外样板工程。在通用、拜耳、西门子、大众、可口可乐等国际知名企业在中国的工程均采用了连成集团的产品。

连成集团矢志于打造世界顶级流体处理工业企业，秉承永远珍惜人与自然和谐关系、为提高人类生活质量不懈努力的宗旨，为实现“百年连成”远大目标，一直致力于环保型、节能型产品的研发与制造，为民族企业的振兴与发展不懈努力！

水，因连成至高致远……！

Shanghai Liancheng (Group) Co., Ltd is a domestic well-known large group enterprise and its multiple operations cover the research and production of pumps, valves and fluid transportation systems, electric control systems and environmental protection equipments.

After ten years development, the group holds five industrial parks in Shanghai, Jiangsu and Zhejiang etc. areas where the economy has been greatly developed, covering a total land area of 550 thousand square meters. Its headquarters is located at Fengbang Industrial Park and under it there are several wholly owned subsidiaries and holding companies: Shanghai Liancheng Pump Manufacturing Co. Ltd, Shanghai Liancheng Motor Co. Ltd, Shanghai Liancheng Valve Co. Ltd, Shanghai Liancheng Group Logistics Co. Ltd, Shanghai Liancheng Group General Equipment Installation Engineering, Shanghai Ametek Industrial Equipment Co. Ltd, Shanghai Liancheng Group Environment Engineering Equipment Co. Ltd and Shanghai Liancheng Group Suzhou Co. Ltd, with the registered capital up to 5.38 billion CNY, the total capital up to tens of billion CNY and the product categories up to more than 3000, ranging from water pump, motor, electric cabinet, valve, completed equipment, mechanical accessories etc. series, and, because of the reasonable performance-price and reliable quality, broadly used in the fields of municipal works, water conservancy, architecture, fire-fighting, electric power, environmental protection, petroleum, chemical industry, mining and medicine. The sales incoming of this group ranks first in the industry every year.

The group company now holds a large pump test center, a three-coordinate measurer, a dynamic-static measurer, a quick laser shaping instrument, a multi-functional shot-blasting machine, an automatic argon-arc welder, a large lathe, a large mill, numeral control machine tools etc. more than 2000 sets of various nationwide and world wide advanced production and detection facilities and over 4500 staff members, of which 72.6% are graduated from colleges and technical schools, 475 hold a junior title, 78 senior, 19 national experts and 6 professors. Every year this group puts a number of capital for technical innovation, product development and equipment import and, up till now, holds up to 600 national patent technologies and takes part in the draft-out and edition of both national and industrial standards, in total of tens of the product and technical standards covering water conservancy, chemical industry, fire-fighting, city water supply etc. fields. This group has set up a complete sales and service networks, comprised of 30 branches, more than 200 sub-organs and a group of 2800 special salesmen and servicemen, to provide the clients with special technical support and good business services.

Accredited to ISO9001, ISO14001, OHSAS18001 etc. international management system arrivals, this group is striving to implement ERP Information Management and has got the industrial production licenses in industry, fire-fighting, petrochemical, and mining etc. important fields issued by the state and the industry organization and the qualification as an I/E enterprise, been accredited to CCC, CQC product, CE, sanitation permit, MA mine safety, SMA gauging qualification, energy-saving, CCS, adoption of international standard etc. lots of approvals and awarded with the social honors such as: National-grade innovative brand-new enterprise, Chinese Famous Trademark, Shanghai Well-Known Trademark, Products of a famous brand of Shanghai, Famous brand of China A large enterprise, Enterprise in the first lot passing the pump energy-saving approval, A high-tech enterprise of Shanghai, Technical center of the enterprise in the city's level of Shanghai, An example enterprise for the intellectual property of Shanghai, One of the 50 powerful enterprises of Shanghai, One of the private technical enterprises of Shanghai, An enterprise qualified for the draft-out of the national standard, Ten national brands in the water industry of China and so on.

With the steady development of Liancheng Group, the products made therein have been greatly accepted by the users and now available with: the National Studium Birdnest, the National Theatre, Shanghai Expo, the Capital Airport, Guangzhou Baiyun Airport, Shanghai Metro, Shenyang Metro, Xi'an Metro, Hongkong Water Supply Project Shenzhen Shawan Pump Station, Macao Water Supply Project Zhuhai Pinggang Pump Station, Huanghe River Irrigation Shanxi Jiamakou Pump Station, Shanxi Xifan Pump Station, Guangdong Yun'an Liudu Pump Station, Xiaolangdi Water Conservancy Project in Yellow River, Ningxia Yanghuang Irrigation Engineering, E'erduosi City Drinking Project, Qinghai Salt Lake Sylvine Project, Qinshan Nuclear Power, Ling'ao Nuclear Power, National Power Group, Huaneng Power Plant, Datang Power Plant, Baoshan Steel, Capital Steel, Tai Steel, Anshan Steel, Xinjiang Bayi Steel, Daqing Oil Field, Shanxi Coking, Lu'an Mining Industry, Shanxi Xianyang Chemical Industry, China Marine Fuel Huizhou Refinery Project, Tsinghua University, Haier Group and Angola Agriculture Drainage and Irrigation Project, the national agricultural irrigation project of Burma, as well as nuclear power, thermal power, hydro-power, steel-iron, oil field, coking, mining, chemical, refinery, and in the projects set inside of China by GE, Bayer, Siemens, Volkswagen, Coca-cola etc. worldwide famous enterprises.

Liancheng Group has been trying its best to make itself a top fluid treatment enterprise in the world and follow such a concept as cherishing the harmony between human and nature forever and, to improve the people's living level and realize the great goal of a century-lasting Liancheng, making efforts for both development and manufacture of the environmental-protection and energy-saving products and for both promotion and progression of the national enterprises!

Water, flowing high and far to the utmost just because of Liancheng.....

中国驰名商标

上海市著名商标

国家级创新型企业

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概 述 Outline

GDL型多级管道离心泵是本单位在国内外优秀泵型之基础上结合用户的使用要求设计制造的新一代产品。

该泵采用立式节段式外加不锈钢壳体结构，使得泵的进出口位于同一水平线上且口径相同，能像阀门一样安装于管路之中，它同时集中了多级泵之高压、立式泵之占地面积小及管道泵之安装方便的优点，同时由于采用了优秀的水力模型，所以还具有高效节能、运行平稳等优点，且轴封采用耐磨机械密封，无泄漏，使用寿命长。

为了能更好地满足用户的要求，本单位还开发了出水口位于上部的GDLS型，其进出口可以不同的相对位置(0°、90°、180°)安装，使用极为方便。

Model GDL multi-stage pipeline centrifugal pump is a new generation product designed and made by this Co.on the basis of the excellent pump types both domestic and overseas and combining the requirements of use.

This pump uses a vertical,sectional and stainless steel casing structure to have both inlet and outlet on a same level,of a same aperture and capable of being mounted in a pipeline just as a valve and collects the merits of the high pressure of a multi-stage pump,a less land area of a vertical pump and convenient installation of a pipeline pump and, due to the excellent hydraulic model it adopts,also features a high efficiency,energy-saving,stable running ect.,in addition, because of the wearable mechanical seal it uses as the shaft seal, it has no leak and a long duration of use.

To provide a better statisfaction to the requirements of users,this Co.also develops model GDLS the outlet of which is located on the upper part and both inlet and outlet can be mounted in different opposite positions(0°、90°、180°), leaving an extremely convenient use.

执行标准 Adopted standard

GB/T5657 离心泵 技术条件（III）类

GB/T3216 回转动力泵 水力性能验收试验Ⅰ级和Ⅱ级

GB/T5657 Technical conditions for centrifugal pump, category III

GB/B3216 Waterpower performance acceptance test of turning dynamic pump, category Ⅰand Ⅱ

应用范围 Range of application

该泵主要适用于高压运行系统中冷热清水的循环和增压,高层建筑多台泵并联供水,消防、锅炉给水和冷却水系统及各种冲洗液的输送等。

Mainly used for the circulation and boost of both cold and hot pure waters in a high pressure moving system,water supply with pumps in parallel in a high building,the water supply and cooling water system of fire-fighting and boilers and the transporting of various rinsing liquids.

工作条件 Working conditions

1、该泵可输送清水或物理化学性质类似于清水的液体；

2、液体温度：-15℃～+104℃；

3、工作压力：最大工作压力＜2.5MPa，即系统压力＝入口压力＋闭阀工作时的压力＜2.5MPa；

4、周围环境的温度应低于40℃，相对湿度不超过95%；

5、输送含腐蚀性介质及热液体时，请于订货时提出，以便采用特殊材质满足使用要求。

1.This pump can transport pure water and the liquid the natures of both physics and chemistry of which are similar to those of pure water.

2.Liquid temperature:-15℃～+104℃.

3.Working pressure:maximum one ＜2.5MPa,i.e.the system pressure+the pressure at work with valve closed＜2.5MPa.

4.The ambient temperature should be below 40℃,RH no more than 95%.

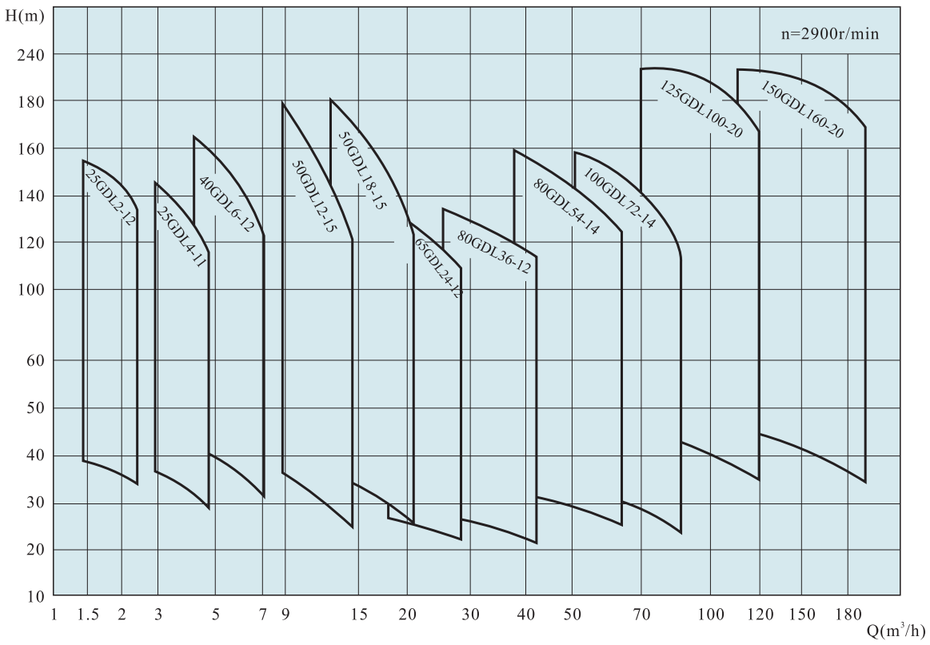
5.Please make a note at order if the pump is used to TraNsport corrosive media and hot liquid so as for us special materials to meet with the demand.

型号意义 Model meaning

50 GDL (S) 12 - 15 × 5

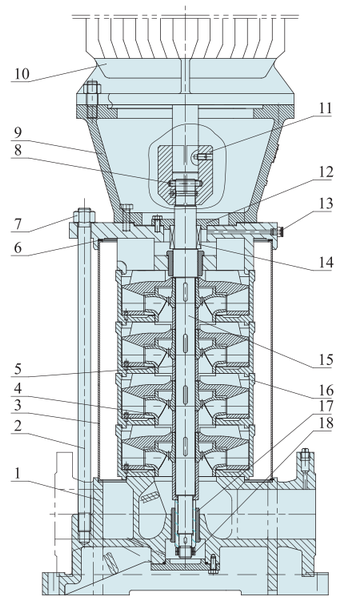
级数为5级	5 stages
额定扬程为15m	Rated head 15m
额定流量为12m³/h	Rated flow 12m³/h
下吸上吐式	Lower-suction upper-out type
立式多级管道离心泵	Vertical multi-stage pipeline centrifugal pump
进出口公称直径为50mm	DN of both inlet and outlet 50mm

GDL型泵型谱图 GDL type pump atlas of style



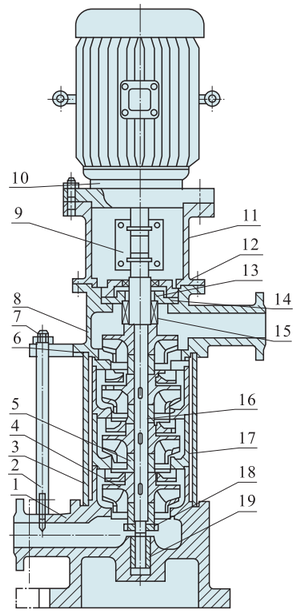
注：GDLS型型谱图同上图 Note:same charts as above for model GDLS.

泵结构简图 Pump sketch drawing of structure



GDL型多级管道离心泵
Model GDL multi-stage pipeline centrifugal pump

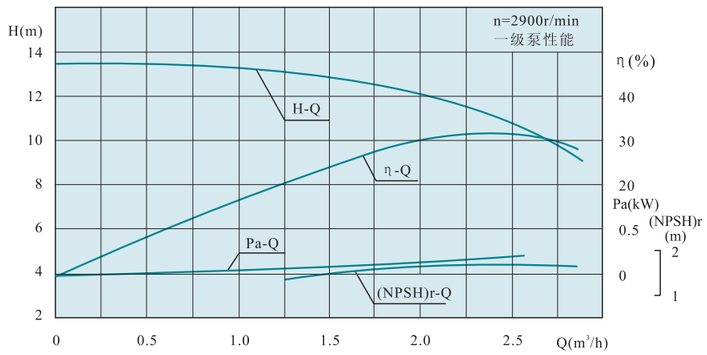
1	进出水段 In and out of the water for
2	拉紧螺栓 Tensile bolt
3	外筒 Outer cylinder
4	叶轮 Impeller
5	叶轮挡套 Impeller baffle
6	密封垫 Seal-washer
7	螺母 Nut
8	销 Pin
9	电机支架 Motor bracket
10	电机 Motor
11	联轴器 Clutch
12	机封压盖 Machine sealing gland
13	针式放气阀 Needle type the bleeder valve
14	机械密封 Mechanical seal
15	轴 Shaft
16	中段 Middle section
17	水导轴承 Water guide bearing
18	轴套螺母 Muff out



GDLS型多级下吸上吐式管道离心泵
Model GDLS multi-stage lower-suction upper-out pipeline centrifugal pump

1	吸入段 Suck-in section
2	拉紧螺栓 Tensile bolt
3	外筒 Outer cylinder
4	叶轮 Impeller
5	叶轮挡套 Impeller baffle
6	密封垫 Seal-washer
7	螺母 Nut
8	出水段 Outlet section
9	联轴器 Clutch
10	电机 Motor
11	电机支架 The motor bracket
12	密封座 Sealing seat
13	复合轴承 Compound bearing
14	轴承座 Bearing seat
15	机械密封 Mechanical seal
16	轴 Shaft
17	中段 Middle section
18	轴套螺母 Muff nut
19	水润滑轴承 Bearing of water lubricate

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

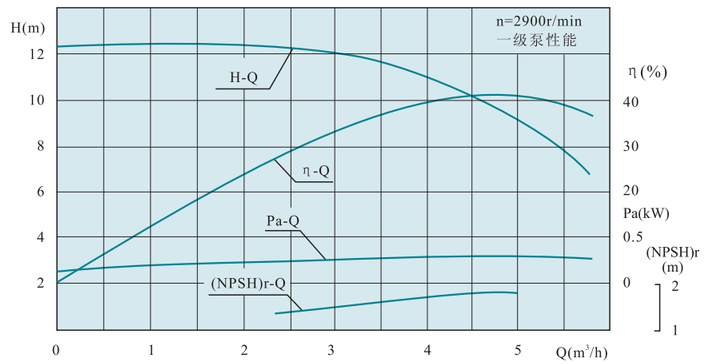


型 号 Type	流量 Capacity		扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW)		必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
	(m^3/h)	(L/s)				轴功率 Shaft power	电机功率 Motor power					
25GDL2-12×3	1.4 2 2.4	0.39 0.56 0.67	38 36 33	23 30 32	2900	0.63 0.65 0.67	1.1	1.4 1.7 1.8	25	609	58	125
25GDL2-12×4	1.4 2 2.4	0.39 0.56 0.67	50 48 44	23 30 32	2900	0.83 0.87 0.90	1.5	1.4 1.7 1.8	25	674	62	165
25GDL2-12×5	1.4 2 2.4	0.39 0.56 0.67	63 60 55	23 30 32	2900	1.04 1.09 1.12	1.5	1.4 1.7 1.8	25	714	68	205
25GDL2-12×6	1.4 2 2.4	0.39 0.56 0.67	76 72 66	23 30 32	2900	1.26 1.30 1.35	2.2	1.4 1.7 1.8	25	779	72	245
25GDL2-12×7	1.4 2 2.4	0.39 0.56 0.67	88 84 77	23 30 32	2900	1.46 1.52 1.57	2.2	1.4 1.7 1.8	25	819	78	285
25GDL2-12×8	1.4 2 2.4	0.39 0.56 0.67	101 96 88	23 30 32	2900	1.63 1.74 1.80	3	1.4 1.7 1.8	25	904	82	325
25GDL2-12×9	1.4 2 2.4	0.39 0.56 0.67	114 108 99	23 30 32	2900	1.89 1.96 2.02	3	1.4 1.7 1.8	25	944	86	365
25GDL2-12×10	1.4 2 2.4	0.39 0.56 0.67	126 120 110	23 30 32	2900	2.01 2.17 2.24	3	1.4 1.7 1.8	25	984	98	405
25GDL2-12×11	1.4 2 2.4	0.39 0.56 0.67	139 132 121	23 30 32	2900	2.31 2.39 2.47	4	1.4 1.7 1.8	25	1044	102	445
25GDL2-12×12	1.4 2 2.4	0.39 0.56 0.67	152 144 132	23 30 32	2900	2.52 2.61 2.70	4	1.4 1.7 1.8	25	1084	106	485

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

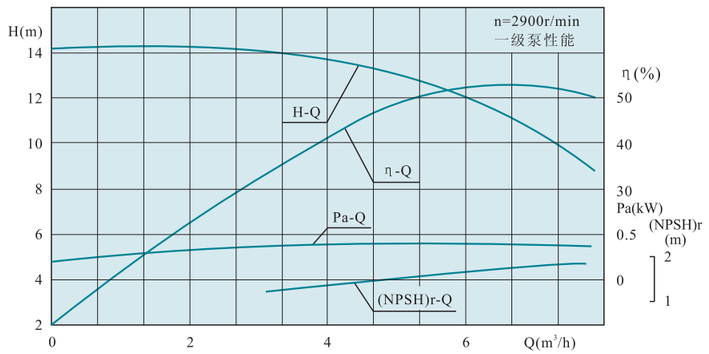


型 号 Type	流量 Capacity		扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW)		必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
	(m^3/h)	(L/s)				轴功率 Shaft power	电机功率 Motor power					
25GDL4-11×3	2.8 4 4.8	0.78 1.11 1.33	36 33 28.5	32 40 41	2900	0.86 0.90 0.91	1.1	1.4 1.7 1.8	25	609	58	125
25GDL4-11×4	2.8 4 4.8	0.78 1.11 1.33	48 44 38	32 40 41	2900	1.14 1.20 1.21	1.5	1.4 1.7 1.8	25	674	65	165
25GDL4-11×5	2.8 4 4.8	0.78 1.11 1.33	60 55 47.5	32 40 41	2900	1.43 1.50 1.51	2.2	1.4 1.7 1.8	25	739	72	205
25GDL4-11×6	2.8 4 4.8	0.78 1.11 1.33	72 66 57	32 40 41	2900	1.72 1.80 1.82	2.2	1.4 1.7 1.8	25	824	76	245
25GDL4-11×7	2.8 4 4.8	0.78 1.11 1.33	84 77 66.5	32 40 41	2900	2.00 2.10 2.12	3	1.4 1.7 1.8	25	864	86	285
25GDL4-11×8	2.8 4 4.8	0.78 1.11 1.33	96 88 76	32 40 41	2900	2.29 2.40 2.42	3	1.4 1.7 1.8	25	904	90	325
25GDL4-11×9	2.8 4 4.8	0.78 1.11 1.33	108 99 85.5	32 40 41	2900	2.57 2.70 2.73	4	1.4 1.7 1.8	25	964	94	365
25GDL4-11×10	2.8 4 4.8	0.78 1.11 1.33	120 110 95	32 40 41	2900	2.86 3.00 3.03	4	1.4 1.7 1.8	25	1004	110	405
25GDL4-11×11	2.8 4 4.8	0.78 1.11 1.33	132 121 104.5	32 40 41	2900	3.14 3.30 3.33	5.5	1.4 1.7 1.8	25	1119	114	445
25GDL4-11×12	2.8 4 4.8	0.78 1.11 1.33	144 132 114	32 40 41	2900	3.43 3.60 3.64	5.5	1.4 1.7 1.8	25	1159	118	485
25GDL4-11×13	2.8 4 4.8	0.78 1.11 1.33	156 143 123.5	32 40 41	2900	3.72 3.90 3.94	5.5	1.4 1.7 1.8	25	1199	122	525

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

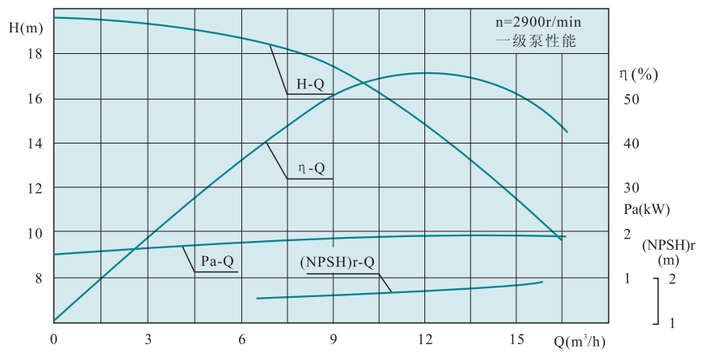


型 号 Type	流量 Capacity		扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW)		必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
	(m^3/h)	(L/s)				轴功率 Shaft power	电机功率 Motor power					
40GDL6-12×3	4.2 6 7.2	1.17 1.67 2.0	41 36 30.5	43 51 49	2900	1.09 1.13 1.15	1.5	1.4 1.7 1.8	40	699	72	125
40GDL6-12×4	4.2 6 7.2	1.17 1.67 2.0	54 48 40.6	43 51 49	2900	1.45 1.5 1.53	2.2	1.4 1.7 1.8	40	765	78	165
40GDL6-12×5	4.2 6 7.2	1.17 1.67 2.0	68 60 51	43 51 49	2900	1.81 1.88 1.92	2.2	1.4 1.7 1.8	40	806	82	205
40GDL6-12×6	4.2 6 7.2	1.17 1.67 2.0	82 72 61	43 51 49	2900	2.18 2.26 2.30	3	1.4 1.7 1.8	40	892	92	245
40GDL6-12×7	4.2 6 7.2	1.17 1.67 2.0	95 84 71	43 51 49	2900	2.54 2.64 2.69	3	1.4 1.7 1.8	40	933	96	285
40GDL6-12×8	4.2 6 7.2	1.17 1.67 2.0	109 96 81	43 51 49	2900	2.91 3.01 3.07	4	1.4 1.7 1.8	40	994	112	325
40GDL6-12×9	4.2 6 7.2	1.17 1.67 2.0	123 108 91	43 51 49	2900	2.27 3.39 3.45	5.5	1.4 1.7 1.8	40	1035	116	365
40GDL6-12×10	4.2 6 7.2	1.17 1.67 2.0	136 120 102	43 51 49	2900	3.63 3.77 3.84	5.5	1.4 1.7 1.8	40	1151	120	405
40GDL6-12×11	4.2 6 7.2	1.17 1.67 2.0	150 132 112	43 51 49	2900	4.0 4.15 4.22	5.5	1.4 1.7 1.8	40	1192	140	445
40GDL6-12×12	4.2 6 7.2	1.17 1.67 2.0	164 144 122	43 51 49	2900	4.36 4.52 4.60	7.5	1.4 1.7 1.8	40	1233	146	485

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

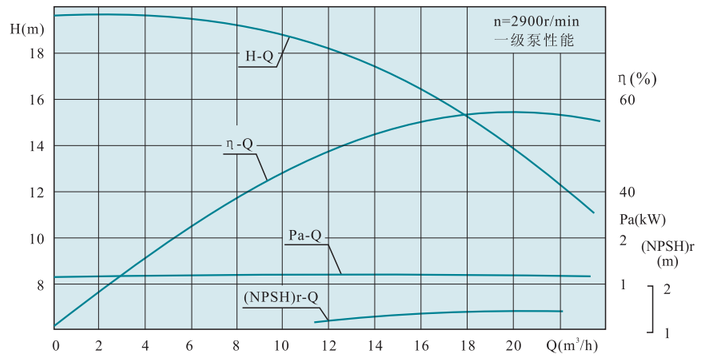


型 号 Type	流量 Capacity		扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW)		必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
	(m^3/h)	(L/s)				轴功率 Shaft power	电机功率 Motor power					
50GDL12-15×2	8.4 12 14.4	2.33 3.33 4.0	36 30 24	48 56 53	2900	1.72 1.75 1.85	2.2	1.4 1.8 1.8	50	771	113	158
50GDL12-15×3	8.4 12 14.4	2.33 3.33 4.0	54 45 36	48 56 53	2900	2.57 2.63 2.78	4	1.4 1.8 1.8	50	911	129	233
50GDL12-15×4	8.4 12 14.4	2.33 3.33 4.0	72 60 48	48 56 53	2900	3.43 3.5 3.70	4	1.4 1.8 1.8	50	986	149	308
50GDL12-15×5	8.4 12 14.4	2.33 3.33 4.0	90 75 60	48 56 53	2900	4.2 4.27 4.63	5.5	1.4 1.8 1.8	50	1136	181	383
50GDL12-15×6	8.4 12 14.4	2.33 3.33 4.0	108 90 72	48 56 53	2900	5.15 5.25 5.55	7.5	1.4 1.8 1.8	50	1211	190	458
50GDL12-15×7	8.4 12 14.4	2.33 3.33 4.0	126 105 84	48 56 53	2900	6.0 6.12 6.48	7.5	1.4 1.8 1.8	50	1286	204	533
50GDL12-15×8	8.4 12 14.4	2.33 3.33 4.0	144 120 96	48 56 53	2900	6.86 7.0 7.40	11	1.4 1.8 1.8	50	1486	212	608
50GDL12-15×9	8.4 12 14.4	2.33 3.33 4.0	162 135 108	48 56 53	2900	7.72 7.87 8.33	11	1.4 1.8 1.8	50	1561	265	683
50GDL12-15×10	8.4 12 14.4	2.33 3.33 4.0	180 150 120	48 56 53	2900	8.58 8.75 9.25	11	1.4 1.8 1.8	50	1636	273	758

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

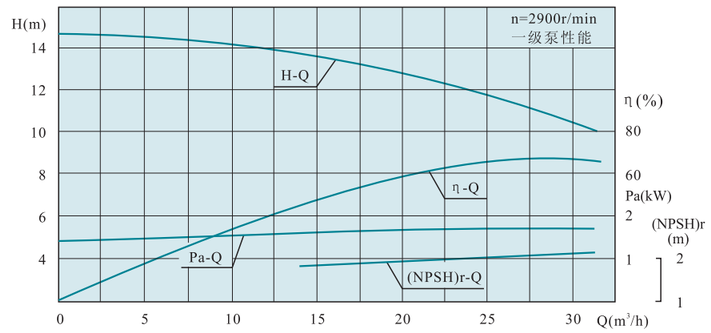


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
50GDL18-15×2	12.6 18 21.6	3.5 5 6	36 30 25	53 62 62	2900	2.33 2.37 2.37	3	1.4 1.8 1.8	50	816	122	158
50GDL18-15×3	12.6 18 21.6	3.5 5 6	54 45 37.5	53 62 62	2900	3.5 3.56 3.56	4	1.4 1.8 1.8	50	911	142	233
50GDL18-15×4	12.6 18 21.6	3.5 5 6	72 60 50	53 62 62	2900	4.66 4.75 4.75	5.5	1.4 1.8 1.8	50	1061	175	308
50GDL18-15×5	12.6 18 21.6	3.5 5 6	90 75 62.5	53 62 62	2900	5.83 5.93 5.93	7.5	1.4 1.8 1.8	50	1136	189	383
50GDL18-15×6	12.6 18 21.6	3.5 5 6	108 90 75	53 62 62	2900	7.0 7.12 7.12	11	1.4 1.8 1.8	50	1336	198	458
50GDL18-15×7	12.6 18 21.6	3.5 5 6	126 105 82.5	53 62 62	2900	8.16 8.30 8.31	11	1.4 1.8 1.8	50	1411	252	533
50GDL18-15×8	12.6 18 21.6	3.5 5 6	144 120 100	53 62 62	2900	9.32 9.49 9.49	11	1.4 1.8 1.8	50	1486	261	608
50GDL18-15×9	12.6 18 21.6	3.5 5 6	162 135 112.5	53 62 62	2900	10.49 10.68 10.68	15	1.4 1.8 1.8	50	1561	280	683
50GDL18-15×10	12.6 18 21.6	3.5 5 6	180 150 125	53 62 62	2900	11.66 11.87 11.87	15	1.4 1.8 1.8	50	1636	289	758

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

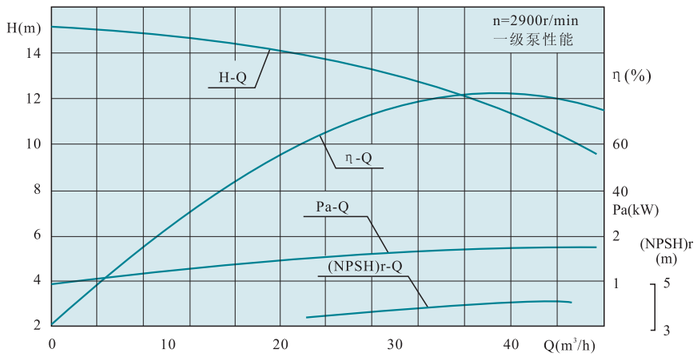


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
65GDL24-12×2	16.8 24 28.8	4.67 6.67 8	27 24 22	56 65 67	2900	2.21 2.41 2.57	3	2.9 3 3.1	65	828	131	160
65GDL24-12×3	16.8 24 28.8	4.67 6.67 8	40.5 36 33	56 65 67	2900	3.31 3.62 3.87	4	2.9 3 3.1	65	923	153	235
65GDL24-12×4	16.8 24 28.8	4.67 6.67 8	54 48 44	56 65 67	2900	4.41 4.83 5.15	5.5	2.9 3 3.1	65	1073	182	310
65GDL24-12×5	16.8 24 28.8	4.67 6.67 8	67.5 60 55	56 65 67	2900	5.52 6.03 6.44	7.5	2.9 3 3.1	65	1148	198	385
65GDL24-12×6	16.8 24 28.8	4.67 6.67 8	81 72 66	56 65 67	2900	6.62 7.24 7.73	11	2.9 3 3.1	65	1348	214	460
65GDL24-12×7	16.8 24 28.8	4.67 6.67 8	94.5 84 77	56 65 67	2900	7.72 8.45 9.01	11	2.9 3 3.1	65	1423	263	535
65GDL24-12×8	16.8 24 28.8	4.67 6.67 8	108 96 88	56 65 67	2900	8.83 9.65 10.3	11	2.9 3 3.1	65	1498	273	610
65GDL24-12×9	16.8 24 28.8	4.67 6.67 8	121.5 108 99	56 65 67	2900	9.93 10.85 11.59	15	2.9 3 3.1	65	1573	293	685
65GDL24-12×10	16.8 24 28.8	4.67 6.67 8	135 120 110	56 65 67	2900	11.0 12.06 12.88	15	2.9 3 3.1	65	1648	303	760

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

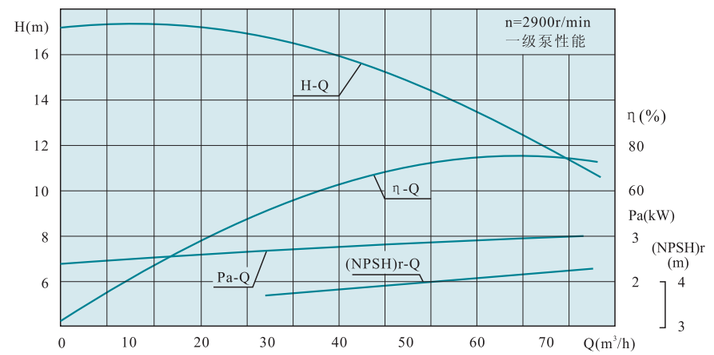


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
80GDL36-12×2	25.2 36 43.2	7 10 12	27 24 21	59 68 67	2900	3.14 3.46 3.68	4	3.5 4 4.2	80	911	193	182
80GDL36-12×3	25.2 36 43.2	7 10 12	40.5 36 31.5	59 68 67	2900	4.71 5.19 5.53	7.5	3.5 4 4.2	80	1069	227	267
80GDL36-12×4	25.2 36 43.2	7 10 12	54 48 42	59 68 67	2900	6.29 6.92 7.37	11	3.5 4 4.2	80	1277	244	352
80GDL36-12×5	25.2 36 43.2	7 10 12	67.5 60 52.5	59 68 67	2900	7.86 8.67 9.22	11	3.5 4 4.2	80	1360	292	437
80GDL36-12×6	25.2 36 43.2	7 10 12	81 72 63	59 68 67	2900	9.43 10.39 11.06	15	3.5 4 4.2	80	1443	302	522
80GDL36-12×7	25.2 36 43.2	7 10 12	94.5 84 73.5	59 68 67	2900	11.0 12.12 12.9	15	3.5 4 4.2	80	1526	322	607
80GDL36-12×8	25.2 36 43.2	7 10 12	108 96 84	59 68 67	2900	12.58 13.85 14.75	18.5	3.5 4 4.2	80	1654	332	692
80GDL36-12×9	25.2 36 43.2	7 10 12	121.5 108 94.5	59 68 67	2900	14.14 15.59 16.5	22	3.5 4 4.2	80	1822	365	777
80GDL36-12×10	25.2 36 43.2	7 10 12	135 120 115	59 68 67	2900	15.71 17.31 18.4	22	3.5 4 4.2	80	1905	375	862

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

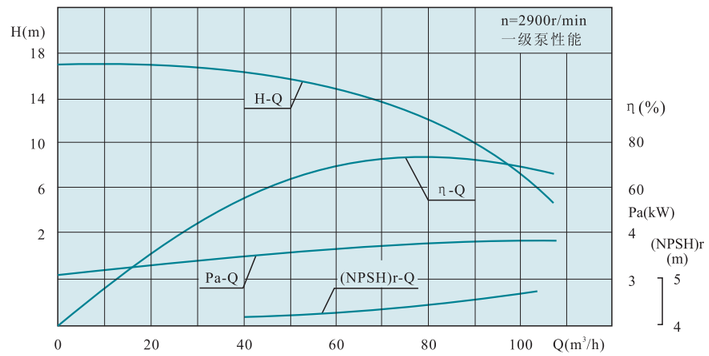


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
80GDL54-14×2	37.8 54 64.8	10.5 15 18	32 28 25	62 70 73.5	2900	5.32 5.88 6.01	7.5	3.7 4 4.2	80	986	218	182
80GDL54-14×3	37.8 54 64.8	10.5 15 18	48 42 37.5	62 70 73.5	2900	7.97 8.82 9.01	11	3.7 4 4.2	80	1194	267	267
80GDL54-14×4	37.8 54 64.8	10.5 15 18	64 56 50	62 70 73.5	2900	10.13 11.76 12.01	15	3.7 4 4.2	80	1277	287	352
80GDL54-14×5	37.8 54 64.8	10.5 15 18	80 70 62.5	62 70 73.5	2900	13.3 14.7 15.0	18.5	3.7 4 4.2	80	1405	320	437
80GDL54-14×6	37.8 54 64.8	10.5 15 18	96 84 75	62 70 73.5	2900	15.9 17.64 18.0	22	3.7 4 4.2	80	1573	330	522
80GDL54-14×7	37.8 54 64.8	10.5 15 18	112 98 87.5	62 70 73.5	2900	18.6 20.58 21.0	30	3.7 4 4.2	80	1776	373	607
80GDL54-14×8	37.8 54 64.8	10.5 15 18	128 112 100	62 70 73.5	2900	21.3 23.54 24.0	30	3.7 4 4.2	80	1859	400	692
80GDL54-14×9	37.8 54 64.8	10.5 15 18	144 126 112.5	62 70 73.5	2900	23.9 26.49 27.0	30	3.7 4 4.2	80	1942	421	777
80GDL54-14×10	37.8 54 64.8	10.5 15 18	160 140 125	62 70 73.5	2900	26.6 29.43 30.0	37	3.7 4 4.2	80	2025	432	862

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

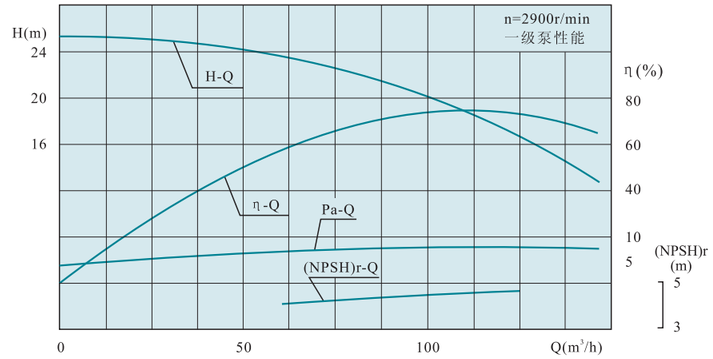


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
100GDL72-14×2	50.4 72 86.4	14 20 24	32 28 24	64 73 73	2900	6.87 7.53 7.74	11	4.2 4.5 4.7	100	1181	276	187
100GDL72-14×3	50.4 72 86.4	14 20 24	48 42 36	64 73 73	2900	10.3 11.29 11.61	15	4.2 4.5 4.7	100	1277	298	272
100GDL72-14×4	50.4 72 86.4	14 20 24	64 56 48	64 73 73	2900	13.7 15.05 15.48	18.5	4.2 4.5 4.7	100	1419	336	357
100GDL72-14×5	50.4 72 86.4	14 20 24	80 70 60	64 73 73	2900	17.17 18.81 19.35	22	4.2 4.5 4.7	100	1600	381	442
100GDL72-14×6	50.4 72 86.4	14 20 24	96 84 72	64 73 73	2900	20.6 22.57 23.22	30	4.2 4.5 4.7	100	1817	453	527
100GDL72-14×7	50.4 72 86.4	14 20 24	112 98 84	64 73 73	2900	24.03 26.34 27.09	30	4.2 4.5 4.7	100	1913	466	612
100GDL72-14×8	50.4 72 86.4	14 20 24	128 112 96	64 73 73	2900	27.4 30.1 30.96	37	4.2 4.5 4.7	100	2010	493	697
100GDL72-14×9	50.4 72 86.4	14 20 24	144 126 108	64 73 73	2900	30.9 33.9 34.83	37	4.2 4.5 4.7	100	2106	582	782
100GDL72-14×10	50.4 72 86.4	14 20 24	160 140 120	64 73 73	2900	34.3 37.6 38.7	45	4.2 4.5 4.7	100	2258	595	867

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

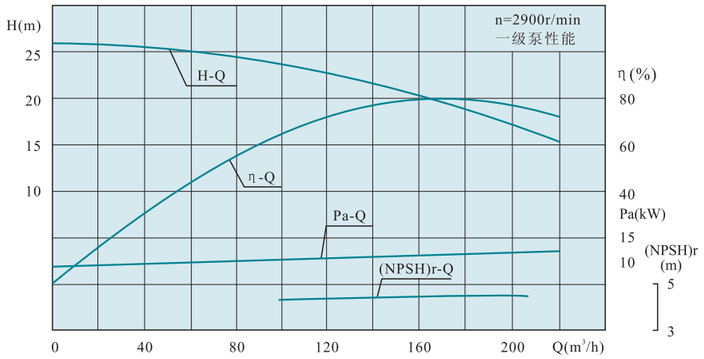


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
125GDL100-20×2	70 100 120	19.4 27.7 33.3	46 40 34	65 74 73	2900	13.5 14.7 15.2	18.5	4.2 4.5 4.7	125	1333	292	204
125GDL100-20×3	70 100 120	19.4 27.7 33.3	69 60 51	65 74 73	2900	20.2 22.1 22.8	30	4.2 4.5 4.7	125	1638	430	289
125GDL100-20×4	70 100 120	19.4 27.7 33.3	92 80 68	65 74 73	2900	27.0 29.5 30.4	37	4.2 4.5 4.7	125	1738	463	394
125GDL100-20×5	70 100 120	19.4 27.7 33.3	115 100 85	65 74 73	2900	33.7 36.8 38.1	45	4.2 4.5 4.7	125	1893	555	489
125GDL100-20×6	70 100 120	19.4 27.7 33.3	138 120 102	65 74 73	2900	40.5 44.2 45.7	55	4.2 4.5 4.7	125	2123	640	584
125GDL100-20×7	70 100 120	19.4 27.7 33.3	161 140 119	65 74 73	2900	47.2 51.5 53.3	75	4.2 4.5 4.7	125	2308	840	679
125GDL100-20×8	70 100 120	19.4 27.7 33.3	181 160 136	65 74 73	2900	54.0 58.9 60.9	75	4.2 4.5 4.7	125	2408	855	774
125GDL100-20×9	70 100 120	19.4 27.7 33.3	207 180 153	65 74 73	2900	60.7 66.3 68.5	75	4.2 4.5 4.7	125	2508	870	869
125GDL100-20×10	70 100 120	19.4 27.7 33.3	230 200 170	65 74 73	2900	67.5 73.6 76.1	90	4.2 4.5 4.7	125	2658	955	964

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL型泵曲线图及性能参数 GDL type pump curve drawing and performance

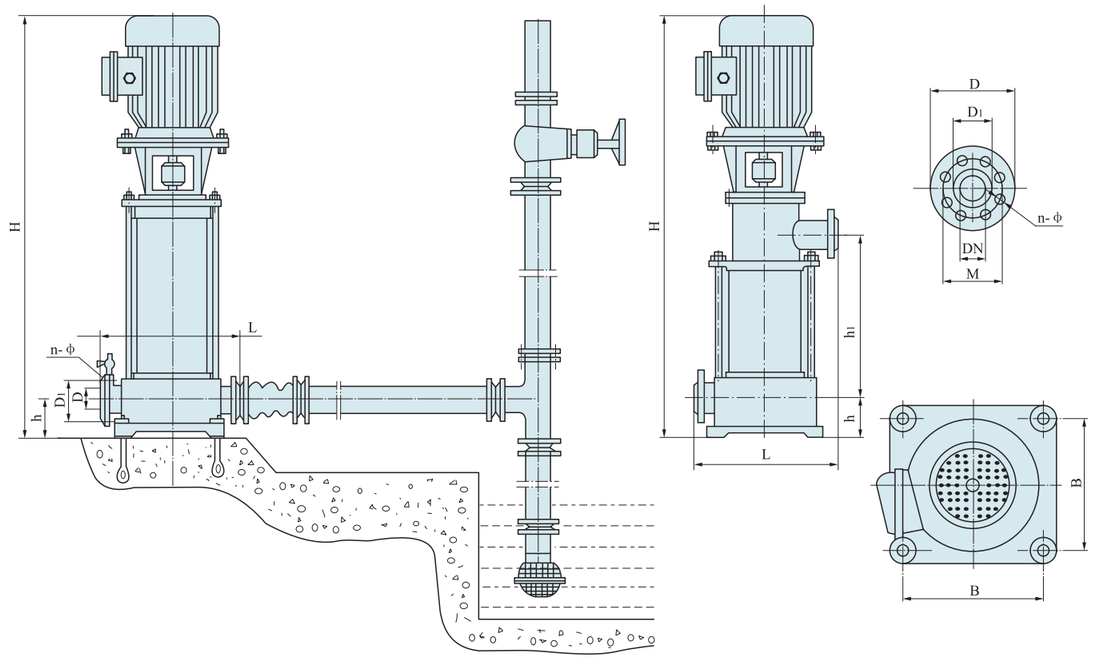


型 号 Type	流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	效率 Eff. (%)	转速 Speed (r/min)	功率 Power (kW) 轴功率 Shaft power	功率 Power (kW) 电机功率 Motor power	必需汽蚀余量 (NPSH)r (m)	进出口径 In-outlet apertures (mm)	高度 Height H (mm)	重量 Weight (kg)	高度 Height h_1 (mm)
150GDL160-20×2	112 160 192	31.1 44.4 53.3	46 40 34	69 78 77	2900	20.3 22.3 23.1	30	4.4 4.5 4.7	150	1597	422	205
150GDL160-20×3	112 160 192	31.1 44.4 53.3	69 60 51	69 78 77	2900	30.5 33.5 34.6	37	4.4 4.5 4.7	150	1714	452	300
150GDL160-20×4	112 160 192	31.1 44.4 53.3	92 80 68	69 78 77	2900	40.6 44.7 46.2	55	4.4 4.5 4.7	150	2106	613	395
150GDL160-20×5	112 160 192	31.1 44.4 53.3	115 100 85	69 78 77	2900	50.9 55.9 57.8	75	4.4 4.5 4.7	150	2218	820	490
150GDL160-20×6	112 160 192	31.1 44.4 53.3	138 120 102	69 78 77	2900	61.0 67.1 69.3	75	4.4 4.5 4.7	150	2335	836	585
150GDL160-20×7	112 160 192	31.1 44.4 53.3	161 140 119	69 78 77	2900	71.2 78.3 80.9	90	4.4 4.5 4.7	150	2502	922	680
150GDL160-20×8	112 160 192	31.1 44.4 53.3	184 160 136	69 78 77	2900	81.4 89.4 92.4	110	4.4 4.5 4.7	150	2809	1198	775
150GDL160-20×9	112 160 192	31.1 44.4 53.3	207 180 153	69 78 77	2900	91.6 100.6 104.0	110	4.4 4.5 4.7	150	2926	1214	870
150GDL160-20×10	112 160 192	31.1 44.4 53.3	230 200 170	69 78 77	2900	101.7 111.8 115.5	132	4.4 4.5 4.7	150	3143	1340	965

注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。
2、h_1尺寸仅用于GDLS型。

Note: 1. For model GDLS slightly different in weight and H size,the performance parameters are identical to model GDL.
2. h_1 size is used for model GDLS only.

GDL、GDLS型泵外形及安装图 GDL,GDLS type pump figure and installation darwing



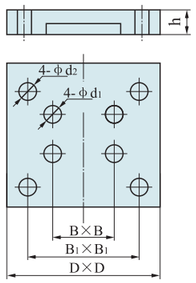
型 号 Type	h	L	B×B	进出口法兰 In-outlet flange DN	D	M	D_1	n-φ
25GDL	80	300	200 4-φ14	φ25	φ115	φ85	φ65	4-φ14
25GDLS			205 4-φ18					
40GDL	85	330	205 4-φ14	φ40	φ150	φ110	φ84	4-φ18
40GDLS			215 4-φ18					
50GDL 50GDLS	102	360	235 4-φ18	φ50	φ165	φ125	φ99	4-φ18
65GDL 65GDLS	110	360	235 4-φ18	φ65	φ185	φ145	φ118	4-φ18
80GDL 80GDLS	130	420	300 4-φ18	φ80	φ200	φ160	φ132	8-φ18
100GDL	140	520	350 4-φ18	φ100	φ220	φ180	φ156	8-φ18
100GDLS		420						
125GDL	150	500	350 4-φ24	φ125	φ270	φ220	φ184	8-φ28
125GDLS			350 4-φ18			φ210		8-φ18
150GDL	175	500	350 4-φ24	φ150	φ300	φ250	φ211	8-φ28
150GDLS			350 4-φ18			φ240		8-φ22

注：1、尺寸H、h_1见性能表。

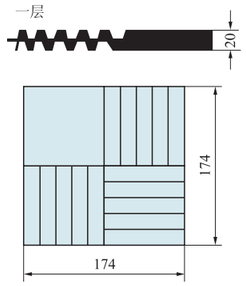
Note: 1. H, h_1 size is see performance.

泵附件及其尺寸 Pump spare figure and dimensions

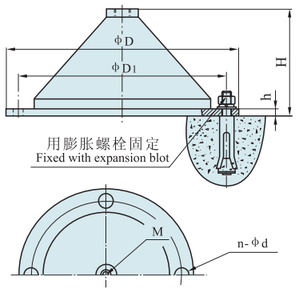
联接板
Connection board



隔振垫
Vibration-insulating pad



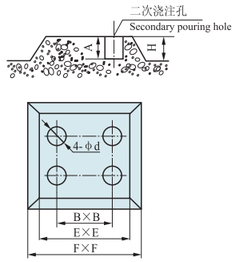
隔振器
Vibration isoaltor



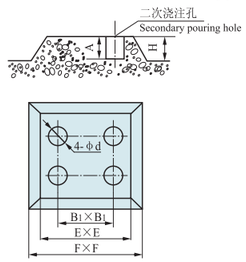
泵型号 Model	联接板尺寸 Connection board dimensions							隔振器尺寸 Vibration isolator dimensions							
	型号 Model	D	h	B	B1	d1	d2	型号 Model	M	D	D1	H	h	n-d	配膨胀螺栓规格 Expansion bolt specs
25GDL	1#	500	55	200	440	φ14	φ14	JG2-2	M12	φ150	φ130	65	9	4-φ8.5	M8×80
25GDLS				205		φ18									
40GDL	2#	500	55	205	440	φ14	φ14	JG2-2	M12	φ150	φ130	65	9	4-φ8.5	M8×80
40GDLS				215		φ18									
50GDL、50GDLS	3#	600	55	235	540	φ18	φ14	JG2-2	M12	φ150	φ130	65	9	4-φ8.5	M8×80
65GDL、65GDLS	3#	600	55	235	540	φ18	φ14	JG2-2	M12	φ150	φ130	65	9	4-φ8.5	M8×80
80GDL、80GDLS	4#	700	55	300	640	φ18	φ18	JG3-2	M16	φ200	φ170	87	9	4-φ12.5	M12×110
100GDL、100GDLS	5#	700	55	350	640	φ18	φ18	JG3-2	M16	φ200	φ170	87	9	4-φ12.5	M12×110
125GDL	6#	800	55	350	740	φ24	φ22	JG4-2	M20	φ290	φ260	133	9	4-φ12.5	M12×110
125GDLS						φ18									
150GDL	6#	800	55	350	740	φ24	φ22	JG4-2	M20	φ290	φ260	133	9	4-φ12.5	M12×110
150GDLS						φ18									

泵基础图及其联接尺寸 Pump basic figure and connection dimensions

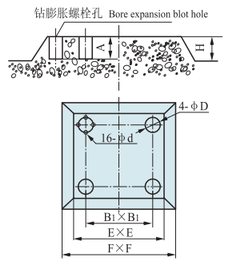
直接联接
Straight Connection



配联接板、隔振垫
Mix connection board, vibration-insulating pad



配联接板、隔振器
Mix connection board, vibration isoaltor



泵型号 Model	直接安装基础尺寸 Straight connection basic dimensions							配联接板、隔振垫基础尺寸 Mix connection, vibration pad basic dimensions							配联接板、隔振器基础尺寸 Mix connection, vibration pad basic dimensions						
	H	A	B	E	F	d	地脚螺栓规格 Foundation bolt specs	H	A	B1	E	F	d	地脚螺栓规格 Foundation bolt specs	H	A	B1	E	F	D	d
25GDL	200	300	200	500	550	60	M12×200	250	250	440	750	800	60	M12×200	200	60	440	750	800	130	12.5
25GDLS			205			80															
40GDL	200	300	205	500	550	60	M12×200	250	250	440	750	800	60	M12×200	200	60	440	750	800	130	12.5
40GDLS			215			80															
50GDL、50GDLS	250	300	235	550	600	80	M16×300	300	250	540	850	900	60	M12×200	250	60	540	850	900	130	12.5
65GDL、65GDLS	250	300	235	550	600	80	M16×300	300	250	540	850	900	60	M12×200	250	60	540	850	900	130	12.5
80GDL、80GDLS	300	300	300	600	650	80	M16×300	300	250	640	950	1050	80	M16×300	300	75	640	950	1050	170	19
100GDL、100GDLS	300	300	350	600	650	80	M16×300	300	250	640	950	1050	80	M16×300	300	75	640	950	1050	170	19
125GDL、125GDLS	300	400	350	650	700	80	M20×400	400	350	740	1050	1150	80	M20×400	300	75	740	1050	1150	260	19
150GDL、150GDLS	300	400	350	650	700	80	M20×400	400	350	740	1050	1150	80	M20×400	300	75	740	1050	1150	260	19

管路损耗参考表 Reference table for pipeline loss

直管摩擦损失简表(估计用)100m直管损失米数以新铸铁管为标准，旧管加倍。
Brief table for the frictional loss of a straight pipe(for evaluation),the lost meters of a 100m straight pipe takes the newly iron pipe as the standard and multiple for the old one.

管径 Pipe diameter (mm)	流量 Capacity(L/s)																								
	1	2	4	6	8	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130	140	160	180	200	
25	32.7	13.0																							
38	3.5	14	55																						
50	0.8	3.1	13	29																					
65		1.6	3.2	7.1	13	20																			
75		0.4	0.8	3.3	5.9	9.6	21.6																		
100			0.23	0.8	1.3	2.1	6.8	8.6	13	19.4															
125				0.23	0.4	0.63	1.3	2.7	4.1	5.9	10.7														
150					0.16	0.26	0.58	1.1	1.6	2.3	4.2	6.4													
175						0.11	0.27	0.5	0.74	1.05	1.9	2.9													
200							0.13	0.26	0.37	0.53	0.93	1.5													
250								0.07	0.12	0.18	0.30	0.48													
300										0.07	0.12	0.19													

一定管路直径之最大流量限制
Limit of the maximun flow for a pipe with a certain diameter

管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Maximum flow rate (m/s)	管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Maximum flow rate (m/s)
25	1	2.04	125	30.0	2.44
38	2.5	1.69	150	43.0	2.45
50	4.17	2.12	175	60.0	2.49
65	6.67	2.01	200	83.3	2.69
75	10.0	2.26	250	133.0	2.72
100	18.4	2.33	300	192.0	2.71

注：超过此限使管路损失显著增加。
Note: The pipeline loss would be made greatly increased once the limit is over.

阀及弯管折合直管长度(每个)
The length of a straight pipe converted into from both valve and elbow(each)

种 类 Variety	折合直管直径倍数 Convert into the times of the diameter of a straight pipe	备 注 Remark
标准弯管 Standard elbow	12	未畅开加倍 Multiple in case of unopen
全开闸阀 Fully opened gate valve	25	
逆止阀 Back valve	100	
底阀 Foot valve	100	部分堵塞加倍 Partial block-up multipled

注：例如100mm直径管，底阀折合100倍直径等于100×100=10000mm=10m直径长度，假定流量为8L/s查上表，直管每100m损失1.3m，则10m损失0.13m，即一个100mm底阀，流量为8L/s时，损失扬程0.13m。
Note: For instance, a 100mm diameter pipe, the foot valve has a 100×100=10000mm=10m diameter when which is converted into 100 times that of the pipe's diameter. Suppose the flow is 8L/s Looked Into the above table, the loss of the straight pipe is 1.3m each 100m, then the one for 100mm is 0.13m, that is, for a 100mm foot valve with a flow 8L/s, its head loss is 0.13m.

典型案例 typical case enterprise class

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哈尔滨屹海控制工程有限公司
中国建筑第六工程局土木工程公司
万隆智能工程有限公司
上海通汇汽车维修零部件配送公司
苏州市荧展机电设备安装有限公司
香河建筑工程公司
辽宁玉麟房屋开发有限公司
空军第一建筑安装工程总队
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中牟县九龙镇水暖器材销售服务部
陕西省路易实业有限公司
长春华通实业有限公司
武汉市天讯水电设备安装工程有限公司
大连澳利普机电有限公司
广州合景房地产开发有限公司
常熟裕坤置业有限公司
东营市华纳置业有限公司
四川省第四建筑工程公司
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- 合同签约后，在安装期间本公司将派人无偿到现场协助安装及调试 ；
- 如您按说明书正确使用上海连成牌水泵能确保您使用满意，万一发生异常情况，即请拨打服务热线，我们将为您提供优质的售后服务，给予你满意的答复；
- 产品保修期为一年，一年之内如产品出现质量问题，本公司将实行三包；一年以后出现产品质量问题，本公司提供无偿的技术服务，需方单位自购零配件；
- 产品售出后，本公司将终生与客户保持联系，听取使用意见，以便使产品质量更加完善；
- 本公司将定期与定购单位保持联系，定期回访，以确保定购单位使用的设备运行处于良好状态。

Service Network

With a strong team of sales promotion and after-sales-service,Liancheng established more than 350 nation wide branches in various large and middle.

Service Items

- Technical training
- Equipment evaluation
- Installation and adjustment
- Trouble-shooting
- Maintenance and repairing
- The modification & improvement of equipment

Service Promise

After signing the contract, technical persons will be dispatched to the instant site to help install and adjust equipment, which is free of charge.

In case the equipment is manipulated in accordance with instruction of tech manual, Shanghai Liancheng will guarantee the products. If something abnormal occurred, please contact us. Shanghai Liancheng will provide consider. Within the warrant period of 1 year, if products have quality problems, Liancheng will provide charge-free services.

After warrant period, if quality problems occur, will provide the charge-free technical support, the components and parts should be bought by customers.

After the products are purchased, Shanghai Liancheng will keep lifelong contact with the customers, listening comments from customers so as to Improve quality in pump performance.

Shanghai Liancheng will keep regular contact with ordering companies so as to have pump running in proper order.

境内售后服务请与我公司当地售后联系或总部：021-59136786
For the domestic post-sale service,please contact the local post-sale service and the headquarter：021-59136786

境外销售和售后服务请联系：+86 21 59136780
For the abroad sale and post-sale service, please contact：+86 21 59136780

驻外机构：_____ Agency : _____