



GDL系列多级管道离心泵

GDL SERIES MULTI-STAGE PIPELINE CENTRIFUGAL PUMP



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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,且轴封采用优质机械密封,无泄漏,使用寿命长。

为了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 satisfaction 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 I and 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。

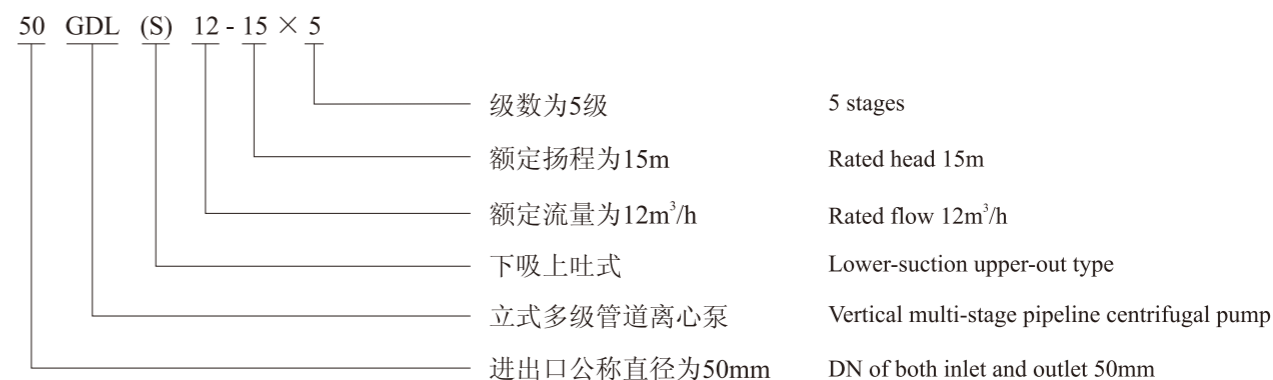
Mainly used for the circulation and boost of both cold and hot pure waters in a high pressure moving system,water supply with pumps in parallel in a high building,the water supply and cooling water system of fire-fighting and boilers and the transporting of various rinsing liquids.

工作条件 Working conditions

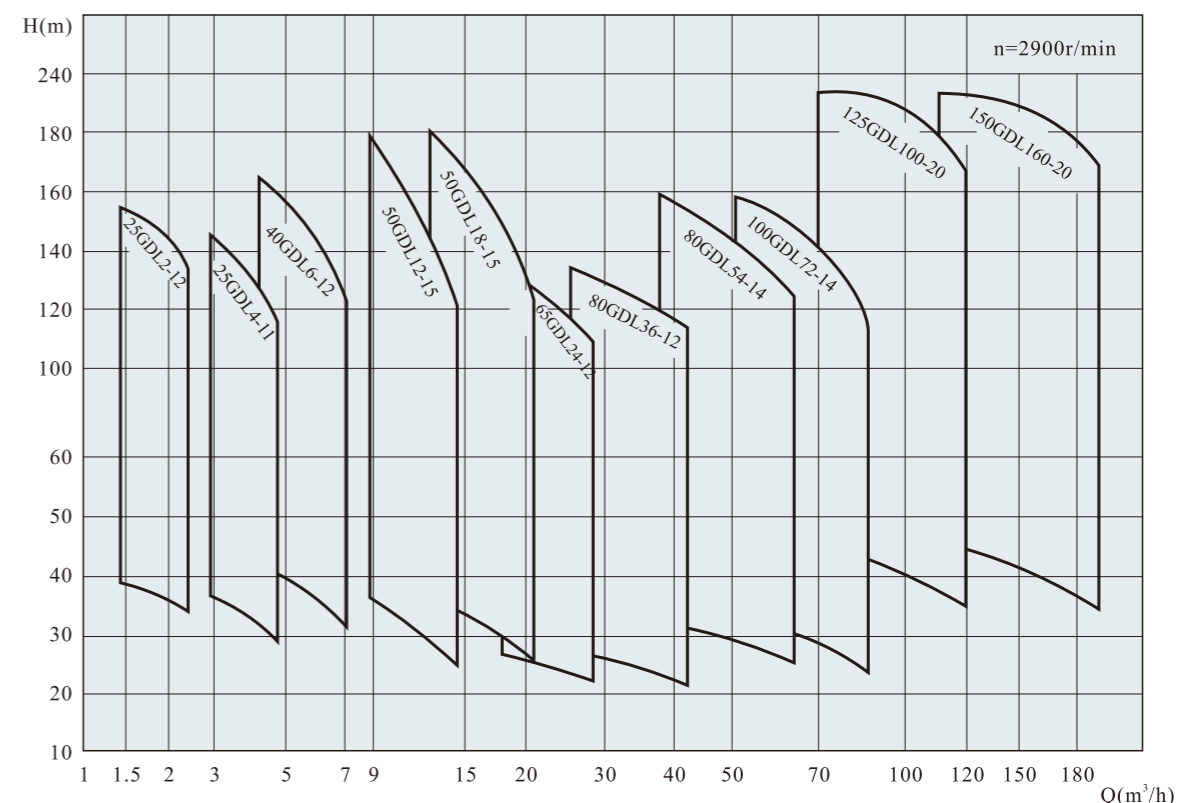
1. 该泵可输送清水或物理化学性质类似于清水的液体;
2. 液体温度: -15℃~+104℃;
3. 工作压力: 最大工作压力<2.5MPa, 即系统压力=入口压力+闭阀工作时的压力<2.5MPa;
4. 周围环境的温度应低于40℃, 相对湿度不超过95%;
5. 输送含腐蚀性介质及热液体时, 请于订货时提出, 以便采用特殊材质满足使用要求。

- 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

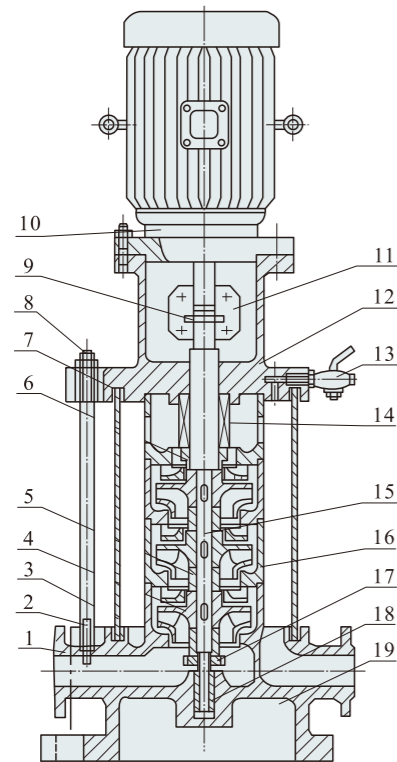


GDL型泵型谱图 GDL type pump atlas of style

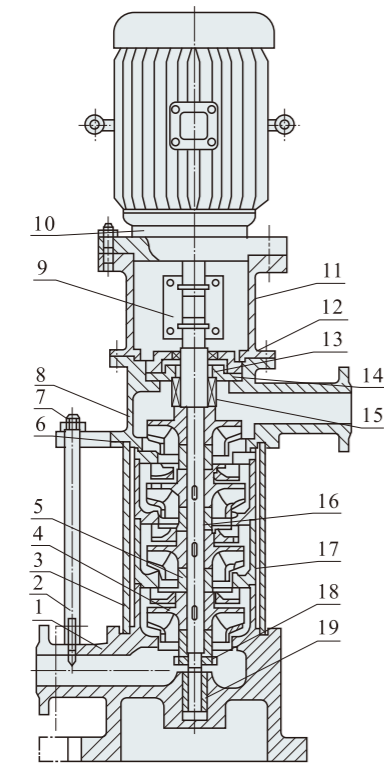


注: GDLS型谱图同上图 Note:same charts as above for model GDLS.

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

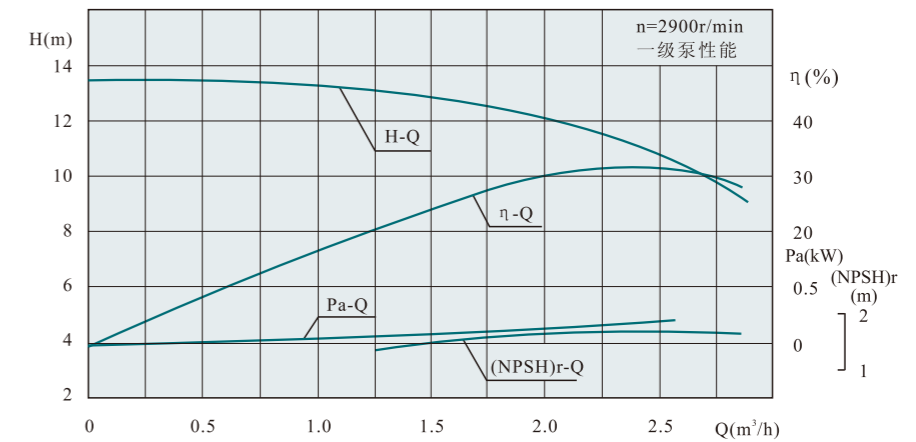


GDLS型多级下吸上吐式管道离心泵
Model GDLS multi-stage lower-suction upper-outlet pipeline centrifugal pump

| | |
|----|-------------------------------------|
| 1 | 泵体 Pump casing |
| 2 | 拉紧螺栓 Tensile bolt |
| 3 | 外筒 Outer cylinder |
| 4 | 叶轮 Impeller |
| 5 | 叶轮挡套 Impeller baffle |
| 6 | 轴套 Muff |
| 7 | 密封垫 Seal-washer |
| 8 | 螺母 Nut |
| 9 | 销 Pin |
| 10 | 电机 Motor |
| 11 | 联轴器 Clutch |
| 12 | 电机支架 The motor bracket |
| 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 | 轴套螺母 Muff out |
| 18 | 水导轴承 Water guide bearing |

| | |
|----|----------------------------------|
| 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) |
|--------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 25GDL2-12×3 | 1.4 | 0.39 | 38 | 23 | 2900 | 0.63 | 1.1 | 1.4 | 25 | 609 | 60 | 125 |
| | 2 | 0.56 | 36 | 30 | | 0.65 | | 1.7 | | | | |
| | 2.4 | 0.67 | 33 | 32 | | 0.67 | | 1.8 | | | | |
| 25GDL2-12×4 | 1.4 | 0.39 | 50 | 23 | 2900 | 0.83 | 1.5 | 1.4 | 25 | 674 | 65 | 165 |
| | 2 | 0.56 | 48 | 30 | | 0.87 | | 1.7 | | | | |
| | 2.4 | 0.67 | 44 | 32 | | 0.90 | | 1.8 | | | | |
| 25GDL2-12×5 | 1.4 | 0.39 | 63 | 23 | 2900 | 1.04 | 1.5 | 1.4 | 25 | 714 | 68 | 205 |
| | 2 | 0.56 | 60 | 30 | | 1.09 | | 1.7 | | | | |
| | 2.4 | 0.67 | 55 | 32 | | 1.12 | | 1.8 | | | | |
| 25GDL2-12×6 | 1.4 | 0.39 | 76 | 23 | 2900 | 1.26 | 2.2 | 1.4 | 25 | 779 | 76 | 245 |
| | 2 | 0.56 | 72 | 30 | | 1.30 | | 1.7 | | | | |
| | 2.4 | 0.67 | 66 | 32 | | 1.35 | | 1.8 | | | | |
| 25GDL2-12×7 | 1.4 | 0.39 | 88 | 23 | 2900 | 1.46 | 2.2 | 1.4 | 25 | 819 | 80 | 285 |
| | 2 | 0.56 | 84 | 30 | | 1.52 | | 1.7 | | | | |
| | 2.4 | 0.67 | 77 | 32 | | 1.57 | | 1.8 | | | | |
| 25GDL2-12×8 | 1.4 | 0.39 | 101 | 23 | 2900 | 1.63 | 3 | 1.4 | 25 | 904 | 90 | 325 |
| | 2 | 0.56 | 96 | 30 | | 1.74 | | 1.7 | | | | |
| | 2.4 | 0.67 | 88 | 32 | | 1.80 | | 1.8 | | | | |
| 25GDL2-12×9 | 1.4 | 0.39 | 114 | 23 | 2900 | 1.89 | 3 | 1.4 | 25 | 944 | 97 | 365 |
| | 2 | 0.56 | 108 | 30 | | 1.96 | | 1.7 | | | | |
| | 2.4 | 0.67 | 99 | 32 | | 2.02 | | 1.8 | | | | |
| 25GDL2-12×10 | 1.4 | 0.39 | 126 | 23 | 2900 | 2.01 | 3 | 1.4 | 25 | 984 | 103 | 405 |
| | 2 | 0.56 | 120 | 30 | | 2.17 | | 1.7 | | | | |
| | 2.4 | 0.67 | 110 | 32 | | 2.24 | | 1.8 | | | | |
| 25GDL2-12×11 | 1.4 | 0.39 | 139 | 23 | 2900 | 2.31 | 4 | 1.4 | 25 | 1044 | 115 | 445 |
| | 2 | 0.56 | 132 | 30 | | 2.39 | | 1.7 | | | | |
| | 2.4 | 0.67 | 121 | 32 | | 2.47 | | 1.8 | | | | |
| 25GDL2-12×12 | 1.4 | 0.39 | 152 | 23 | 2900 | 2.52 | 4 | 1.4 | 25 | 1084 | 121 | 485 |
| | 2 | 0.56 | 144 | 30 | | 2.61 | | 1.7 | | | | |
| | 2.4 | 0.67 | 132 | 32 | | 2.70 | | 1.8 | | | | |

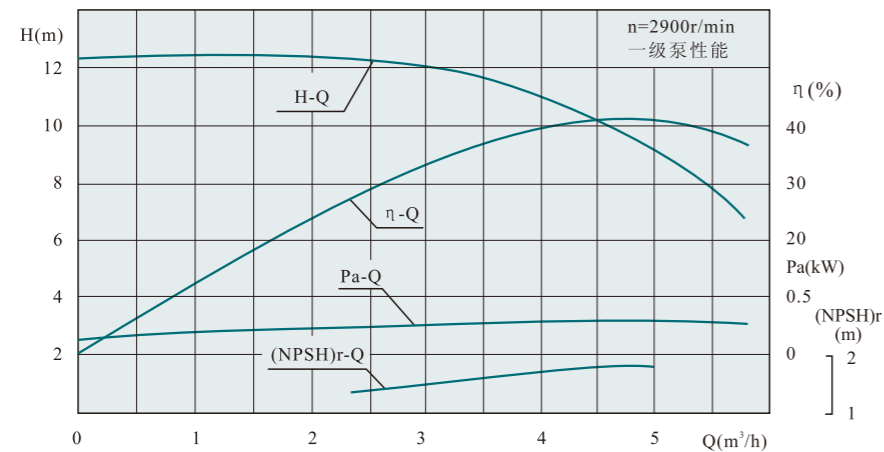
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|--------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|--------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 25GDL4-11×3 | 2.8 | 0.78 | 36 | 32 | 2900 | 0.86 | 1.1 | 1.4 | 25 | 609 | 60 | 125 |
| | 4 | 1.11 | 33 | 40 | | 0.90 | | | | | | |
| | 4.8 | 1.33 | 28.5 | 41 | | 0.91 | | | | | | |
| 25GDL4-11×4 | 2.8 | 0.78 | 48 | 32 | 2900 | 1.14 | 1.5 | 1.4 | 25 | 674 | 65 | 165 |
| | 4 | 1.11 | 44 | 40 | | 1.20 | | | | | | |
| | 4.8 | 1.33 | 38 | 41 | | 1.21 | | | | | | |
| 25GDL4-11×5 | 2.8 | 0.78 | 60 | 32 | 2900 | 1.43 | 2.2 | 1.4 | 25 | 739 | 73 | 205 |
| | 4 | 1.11 | 55 | 40 | | 1.50 | | | | | | |
| | 4.8 | 1.33 | 47.5 | 41 | | 1.51 | | | | | | |
| 25GDL4-11×6 | 2.8 | 0.78 | 72 | 32 | 2900 | 1.72 | 2.2 | 1.4 | 25 | 824 | 76 | 245 |
| | 4 | 1.11 | 66 | 40 | | 1.80 | | | | | | |
| | 4.8 | 1.33 | 57 | 41 | | 1.82 | | | | | | |
| 25GDL4-11×7 | 2.8 | 0.78 | 84 | 32 | 2900 | 2.00 | 3 | 1.4 | 25 | 864 | 86 | 285 |
| | 4 | 1.11 | 77 | 40 | | 2.10 | | | | | | |
| | 4.8 | 1.33 | 66.5 | 41 | | 2.12 | | | | | | |
| 25GDL4-11×8 | 2.8 | 0.78 | 96 | 32 | 2900 | 2.29 | 3 | 1.4 | 25 | 904 | 90 | 325 |
| | 4 | 1.11 | 88 | 40 | | 2.40 | | | | | | |
| | 4.8 | 1.33 | 76 | 41 | | 2.42 | | | | | | |
| 25GDL4-11×9 | 2.8 | 0.78 | 108 | 32 | 2900 | 2.57 | 4 | 1.4 | 25 | 964 | 100 | 365 |
| | 4 | 1.11 | 99 | 40 | | 2.70 | | | | | | |
| | 4.8 | 1.33 | 85.5 | 41 | | 2.73 | | | | | | |
| 25GDL4-11×10 | 2.8 | 0.78 | 120 | 32 | 2900 | 2.86 | 4 | 1.4 | 25 | 1004 | 107 | 405 |
| | 4 | 1.11 | 110 | 40 | | 3.00 | | | | | | |
| | 4.8 | 1.33 | 95 | 41 | | 3.03 | | | | | | |
| 25GDL4-11×11 | 2.8 | 0.78 | 132 | 32 | 2900 | 3.14 | 5.5 | 1.4 | 25 | 1119 | 135 | 445 |
| | 4 | 1.11 | 121 | 40 | | 3.30 | | | | | | |
| | 4.8 | 1.33 | 104.5 | 41 | | 3.33 | | | | | | |
| 25GDL4-11×12 | 2.8 | 0.78 | 144 | 32 | 2900 | 3.43 | 5.5 | 1.4 | 25 | 1159 | 140 | 485 |
| | 4 | 1.11 | 132 | 40 | | 3.60 | | | | | | |
| | 4.8 | 1.33 | 114 | 41 | | 3.64 | | | | | | |
| 25GDL4-11×13 | 2.8 | 0.78 | 156 | 32 | 2900 | 3.72 | 5.5 | 1.4 | 25 | 1199 | 145 | 525 |
| | 4 | 1.11 | 143 | 40 | | 3.90 | | | | | | |
| | 4.8 | 1.33 | 123.5 | 41 | | 3.94 | | | | | | |

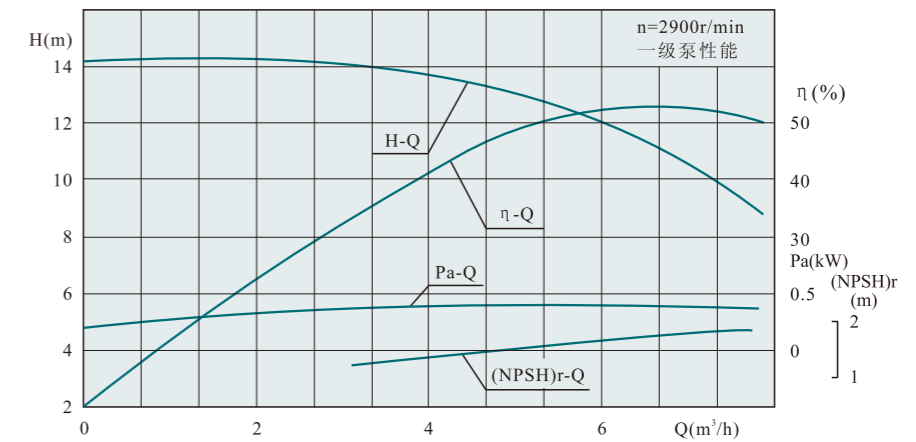
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|--------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|--------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 40GDL6-12×3 | 4.2 | 1.17 | 41 | 43 | 2900 | 1.09 | 1.5 | 1.4 | 40 | 699 | 77 | 125 |
| | 6 | 1.67 | 36 | 51 | | 1.15 | | | | | | |
| | 7.2 | 2.0 | 30.5 | 49 | | 1.17 | | | | | | |
| 40GDL6-12×4 | 4.2 | 1.17 | 54 | 43 | 2900 | 1.45 | 2.2 | 1.4 | 40 | 765 | 87 | 165 |
| | 6 | 1.67 | 48 | 51 | | 1.54 | | | | | | |
| | 7.2 | 2.0 | 40.6 | 49 | | 1.56 | | | | | | |
| 40GDL6-12×5 | 4.2 | 1.17 | 68 | 43 | 2900 | 1.81 | 2.2 | 1.4 | 40 | 806 | 90 | 205 |
| | 6 | 1.67 | 60 | 51 | | 1.92 | | | | | | |
| | 7.2 | 2.0 | 51 | 49 | | 1.95 | | | | | | |
| 40GDL6-12×6 | 4.2 | 1.17 | 82 | 43 | 2900 | 2.18 | 3 | 1.4 | 40 | 892 | 100 | 245 |
| | 6 | 1.67 | 72 | 51 | | 2.31 | | | | | | |
| | 7.2 | 2.0 | 61 | 49 | | 2.34 | | | | | | |
| 40GDL6-12×7 | 4.2 | 1.17 | 95 | 43 | 2900 | 2.54 | 3 | 1.4 | 40 | 933 | 106 | 285 |
| | 6 | 1.67 | 84 | 51 | | 2.69 | | | | | | |
| | 7.2 | 2.0 | 71 | 49 | | 2.73 | | | | | | |
| 40GDL6-12×8 | 4.2 | 1.17 | 109 | 43 | 2900 | 2.91 | 4 | 1.4 | 40 | 994 | 115 | 325 |
| | 6 | 1.67 | 96 | 51 | | 3.07 | | | | | | |
| | 7.2 | 2.0 | 81 | 49 | | 3.12 | | | | | | |
| 40GDL6-12×9 | 4.2 | 1.17 | 123 | 43 | 2900 | 2.27 | 5.5 | 1.4 | 40 | 1035 | 140 | 365 |
| | 6 | 1.67 | 108 | 51 | | 3.46 | | | | | | |
| | 7.2 | 2.0 | 91 | 49 | | 3.51 | | | | | | |
| 40GDL6-12×10 | 4.2 | 1.17 | 136 | 43 | 2900 | 3.63 | 5.5 | 1.4 | 40 | 1151 | 146 | 405 |
| | 6 | 1.67 | 120 | 51 | | 3.84 | | | | | | |
| | 7.2 | 2.0 | 102 | 49 | | 3.90 | | | | | | |
| 40GDL6-12×11 | 4.2 | 1.17 | 150 | 43 | 2900 | 4.0 | 5.5 | 1.4 | 40 | 1192 | 153 | 445 |
| | 6 | 1.67 | 132 | 51 | | 4.22 | | | | | | |
| | 7.2 | 2.0 | 112 | 49 | | 4.29 | | | | | | |
| 40GDL6-12×12 | 4.2 | 1.17 | 164 | 43 | 2900 | 4.36 | 7.5 | 1.4 | 40 | 1233 | 162 | 485 |
| | 6 | 1.67 | 144 | 51 | | 4.61 | | | | | | |
| | 7.2 | 2.0 | 122 | 49 | | 4.68 | | | | | | |

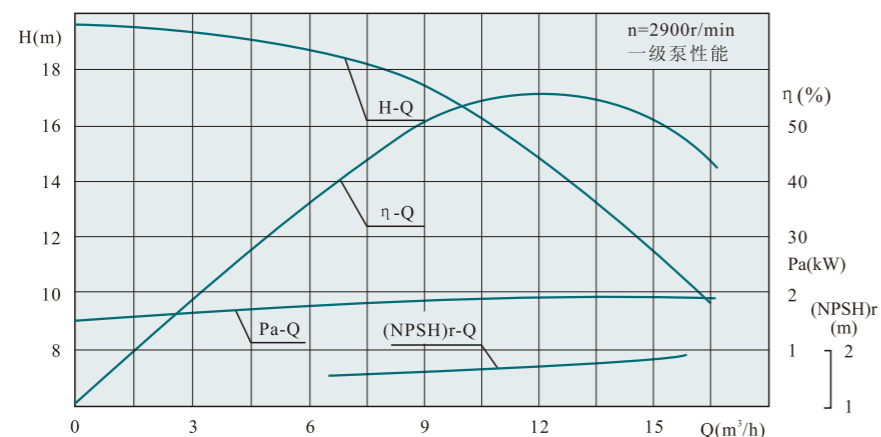
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁尺寸仅用于GDLS型。

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2. h₁ 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) |
|---------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 50GDL12-15×2 | 8.4 | 2.33 | 36 | 48 | 2900 | 1.72 | 2.2 | 1.4 | 50 | 771 | 95 | 158 |
| | 12 | 3.33 | 30 | 56 | | 1.75 | | | | | | |
| | 14.4 | 4.0 | 24 | 53 | | 1.85 | | | | | | |
| 50GDL12-15×3 | 8.4 | 2.33 | 54 | 48 | 2900 | 2.57 | 4 | 1.4 | 50 | 911 | 130 | 233 |
| | 12 | 3.33 | 45 | 56 | | 2.63 | | | | | | |
| | 14.4 | 4.0 | 36 | 53 | | 2.78 | | | | | | |
| 50GDL12-15×4 | 8.4 | 2.33 | 72 | 48 | 2900 | 3.43 | 4 | 1.4 | 50 | 986 | 135 | 308 |
| | 12 | 3.33 | 60 | 56 | | 3.5 | | | | | | |
| | 14.4 | 4.0 | 48 | 53 | | 3.70 | | | | | | |
| 50GDL12-15×5 | 8.4 | 2.33 | 90 | 48 | 2900 | 4.2 | 5.5 | 1.4 | 50 | 1136 | 165 | 383 |
| | 12 | 3.33 | 75 | 56 | | 4.27 | | | | | | |
| | 14.4 | 4.0 | 60 | 53 | | 4.63 | | | | | | |
| 50GDL12-15×6 | 8.4 | 2.33 | 108 | 48 | 2900 | 5.15 | 7.5 | 1.4 | 50 | 1211 | 175 | 458 |
| | 12 | 3.33 | 90 | 56 | | 5.25 | | | | | | |
| | 14.4 | 4.0 | 72 | 53 | | 5.55 | | | | | | |
| 50GDL12-15×7 | 8.4 | 2.33 | 126 | 48 | 2900 | 6.0 | 7.5 | 1.4 | 50 | 1286 | 181 | 533 |
| | 12 | 3.33 | 105 | 56 | | 6.12 | | | | | | |
| | 14.4 | 4.0 | 84 | 53 | | 6.48 | | | | | | |
| 50GDL12-15×8 | 8.4 | 2.33 | 144 | 48 | 2900 | 6.86 | 11 | 1.4 | 50 | 1486 | 235 | 608 |
| | 12 | 3.33 | 120 | 56 | | 7.0 | | | | | | |
| | 14.4 | 4.0 | 96 | 53 | | 7.40 | | | | | | |
| 50GDL12-15×9 | 8.4 | 2.33 | 162 | 48 | 2900 | 7.72 | 11 | 1.4 | 50 | 1561 | 244 | 683 |
| | 12 | 3.33 | 135 | 56 | | 7.87 | | | | | | |
| | 14.4 | 4.0 | 108 | 53 | | 8.33 | | | | | | |
| 50GDL12-15×10 | 8.4 | 2.33 | 180 | 48 | 2900 | 8.58 | 11 | 1.4 | 50 | 1636 | 253 | 758 |
| | 12 | 3.33 | 150 | 56 | | 8.75 | | | | | | |
| | 14.4 | 4.0 | 120 | 53 | | 9.25 | | | | | | |

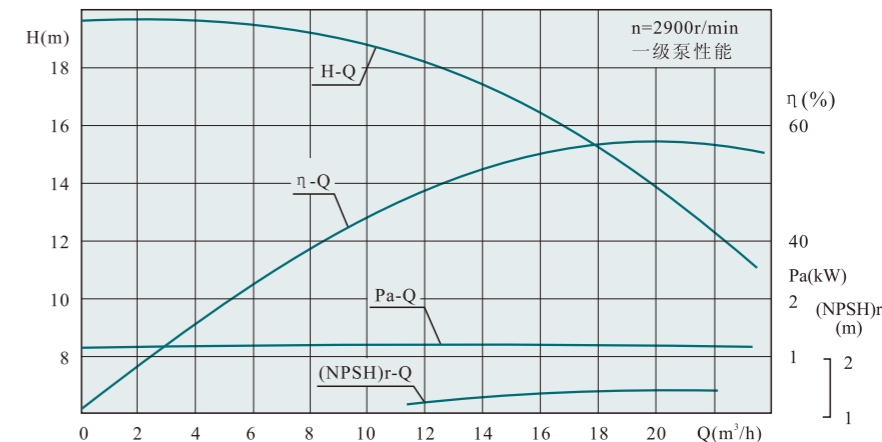
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|---------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 50GDL18-15×2 | 12.6 | 3.5 | 36 | 53 | 2900 | 2.33 | 3 | 1.4 | 50 | 816 | 110 | 158 |
| | 18 | 5 | 30 | 62 | | 2.37 | | | | | | |
| | 21.6 | 6 | 25 | 62 | | 2.37 | | | | | | |
| 50GDL18-15×3 | 12.6 | 3.5 | 54 | 53 | 2900 | 3.5 | 4 | 1.4 | 50 | 911 | 135 | 233 |
| | 18 | 5 | 45 | 62 | | 3.56 | | | | | | |
| | 21.6 | 6 | 37.5 | 62 | | 3.56 | | | | | | |
| 50GDL18-15×4 | 12.6 | 3.5 | 72 | 53 | 2900 | 4.66 | 5.5 | 1.4 | 50 | 1061 | 157 | 308 |
| | 18 | 5 | 60 | 62 | | 4.75 | | | | | | |
| | 21.6 | 6 | 50 | 62 | | 4.75 | | | | | | |
| 50GDL18-15×5 | 12.6 | 3.5 | 90 | 53 | 2900 | 5.83 | 7.5 | 1.4 | 50 | 1136 | 175 | 383 |
| | 18 | 5 | 75 | 62 | | 5.93 | | | | | | |
| | 21.6 | 6 | 62.5 | 62 | | 5.93 | | | | | | |
| 50GDL18-15×6 | 12.6 | 3.5 | 108 | 53 | 2900 | 7.0 | 11 | 1.4 | 50 | 1336 | 223 | 458 |
| | 18 | 5 | 90 | 62 | | 7.12 | | | | | | |
| | 21.6 | 6 | 75 | 62 | | 7.12 | | | | | | |
| 50GDL18-15×7 | 12.6 | 3.5 | 126 | 53 | 2900 | 8.16 | 11 | 1.4 | 50 | 1411 | 229 | 533 |
| | 18 | 5 | 105 | 62 | | 8.30 | | | | | | |
| | 21.6 | 6 | 82.5 | 62 | | 8.31 | | | | | | |
| 50GDL18-15×8 | 12.6 | 3.5 | 144 | 53 | 2900 | 9.32 | 11 | 1.4 | 50 | 1486 | 238 | 608 |
| | 18 | 5 | 120 | 62 | | 9.49 | | | | | | |
| | 21.6 | 6 | 100 | 62 | | 9.49 | | | | | | |
| 50GDL18-15×9 | 12.6 | 3.5 | 162 | 53 | 2900 | 10.49 | 15 | 1.4 | 50 | 1561 | 258 | 683 |
| | 18 | 5 | 135 | 62 | | 10.68 | | | | | | |
| | 21.6 | 6 | 112.5 | 62 | | 10.68 | | | | | | |
| 50GDL18-15×10 | 12.6 | 3.5 | 180 | 53 | 2900 | 11.66 | 15 | 1.4 | 50 | 1636 | 269 | 758 |
| | 18 | 5 | 150 | 62 | | 11.87 | | | | | | |
| | 21.6 | 6 | 125 | 62 | | 11.87 | | | | | | |

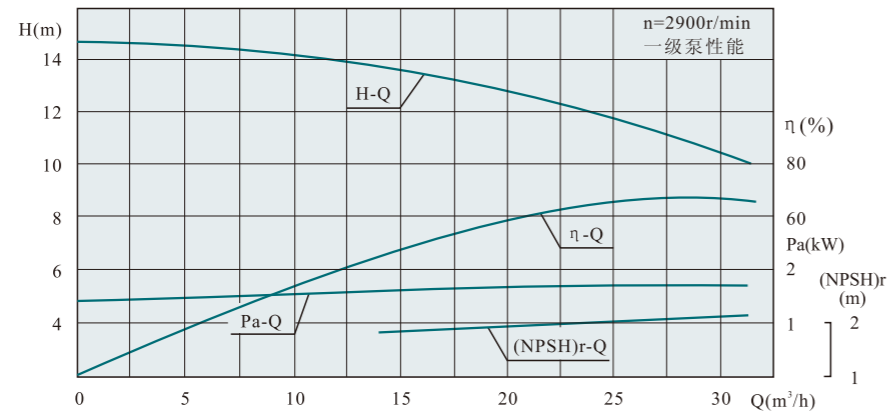
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|---------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 65GDL24-12×2 | 16.8 | 4.67 | 27 | 56 | 2900 | 2.21 | 3 | 2.9 | 65 | 828 | 105 | 160 |
| | 24 | 6.67 | 24 | 65 | | | | | | | | |
| | 28.8 | 8 | 22 | 67 | | | | | | | | |
| 65GDL24-12×3 | 16.8 | 4.67 | 40.5 | 56 | 2900 | 3.31 | 4 | 2.9 | 65 | 923 | 120 | 235 |
| | 24 | 6.67 | 36 | 65 | | | | | | | | |
| | 28.8 | 8 | 33 | 67 | | | | | | | | |
| 65GDL24-12×4 | 16.8 | 4.67 | 54 | 56 | 2900 | 4.41 | 5.5 | 2.9 | 65 | 1073 | 160 | 310 |
| | 24 | 6.67 | 48 | 65 | | | | | | | | |
| | 28.8 | 8 | 44 | 67 | | | | | | | | |
| 65GDL24-12×5 | 16.8 | 4.67 | 67.5 | 56 | 2900 | 5.52 | 7.5 | 2.9 | 65 | 1148 | 180 | 385 |
| | 24 | 6.67 | 60 | 65 | | | | | | | | |
| | 28.8 | 8 | 55 | 67 | | | | | | | | |
| 65GDL24-12×6 | 16.8 | 4.67 | 81 | 56 | 2900 | 6.62 | 11 | 2.9 | 65 | 1348 | 235 | 460 |
| | 24 | 6.67 | 72 | 65 | | | | | | | | |
| | 28.8 | 8 | 66 | 67 | | | | | | | | |
| 65GDL24-12×7 | 16.8 | 4.67 | 94.5 | 56 | 2900 | 7.72 | 11 | 2.9 | 65 | 1423 | 252 | 535 |
| | 24 | 6.67 | 84 | 65 | | | | | | | | |
| | 28.8 | 8 | 77 | 67 | | | | | | | | |
| 65GDL24-12×8 | 16.8 | 4.67 | 108 | 56 | 2900 | 8.83 | 11 | 2.9 | 65 | 1498 | 268 | 610 |
| | 24 | 6.67 | 96 | 65 | | | | | | | | |
| | 28.8 | 8 | 88 | 67 | | | | | | | | |
| 65GDL24-12×9 | 16.8 | 4.67 | 121.5 | 56 | 2900 | 9.93 | 15 | 2.9 | 65 | 1573 | 295 | 685 |
| | 24 | 6.67 | 108 | 65 | | | | | | | | |
| | 28.8 | 8 | 99 | 67 | | | | | | | | |
| 65GDL24-12×10 | 16.8 | 4.67 | 135 | 56 | 2900 | 11.0 | 15 | 2.9 | 65 | 1648 | 312 | 760 |
| | 24 | 6.67 | 120 | 65 | | | | | | | | |
| | 28.8 | 8 | 110 | 67 | | | | | | | | |

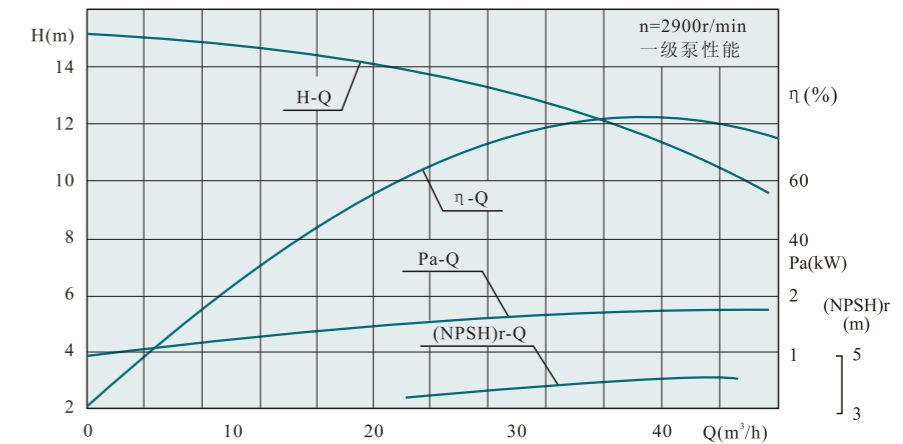
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|---------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 80GDL36-12×2 | 25.2 | 7 | 27 | 59 | 2900 | 3.14 | 4 | 3.5 | 80 | 911 | 184 | 182 |
| | 36 | 10 | 24 | 68 | | | | | | | | |
| | 43.2 | 12 | 21 | 67 | | | | | | | | |
| 80GDL36-12×3 | 25.2 | 7 | 40.5 | 59 | 2900 | 4.71 | 7.5 | 3.5 | 80 | 1069 | 207 | 267 |
| | 36 | 10 | 36 | 68 | | | | | | | | |
| | 43.2 | 12 | 31.5 | 67 | | | | | | | | |
| 80GDL36-12×4 | 25.2 | 7 | 54 | 59 | 2900 | 6.29 | 11 | 3.5 | 80 | 1277 | 262 | 352 |
| | 36 | 10 | 48 | 68 | | | | | | | | |
| | 43.2 | 12 | 42 | 67 | | | | | | | | |
| 80GDL36-12×5 | 25.2 | 7 | 67.5 | 59 | 2900 | 7.86 | 11 | 3.5 | 80 | 1360 | 275 | 437 |
| | 36 | 10 | 60 | 68 | | | | | | | | |
| | 43.2 | 12 | 52.5 | 67 | | | | | | | | |
| 80GDL36-12×6 | 25.2 | 7 | 81 | 59 | 2900 | 9.43 | 15 | 3.5 | 80 | 1443 | 300 | 522 |
| | 36 | 10 | 72 | 68 | | | | | | | | |
| | 43.2 | 12 | 63 | 67 | | | | | | | | |
| 80GDL36-12×7 | 25.2 | 7 | 94.5 | 59 | 2900 | 11.0 | 15 | 3.5 | 80 | 1526 | 312 | 607 |
| | 36 | 10 | 84 | 68 | | | | | | | | |
| | 43.2 | 12 | 73.5 | 67 | | | | | | | | |
| 80GDL36-12×8 | 25.2 | 7 | 108 | 59 | 2900 | 12.58 | 18.5 | 3.5 | 80 | 1654 | 341 | 692 |
| | 36 | 10 | 96 | 68 | | | | | | | | |
| | 43.2 | 12 | 84 | 67 | | | | | | | | |
| 80GDL36-12×9 | 25.2 | 7 | 121.5 | 59 | 2900 | 14.14 | 22 | 3.5 | 80 | 1822 | 392 | 777 |
| | 36 | 10 | 108 | 68 | | | | | | | | |
| | 43.2 | 12 | 94.5 | 67 | | | | | | | | |
| 80GDL36-12×10 | 25.2 | 7 | 135 | 59 | 2900 | 15.71 | 22 | 3.5 | 80 | 1905 | 405 | 862 |
| | 36 | 10 | 120 | 68 | | | | | | | | |
| | 43.2 | 12 | 115 | 67 | | | | | | | | |

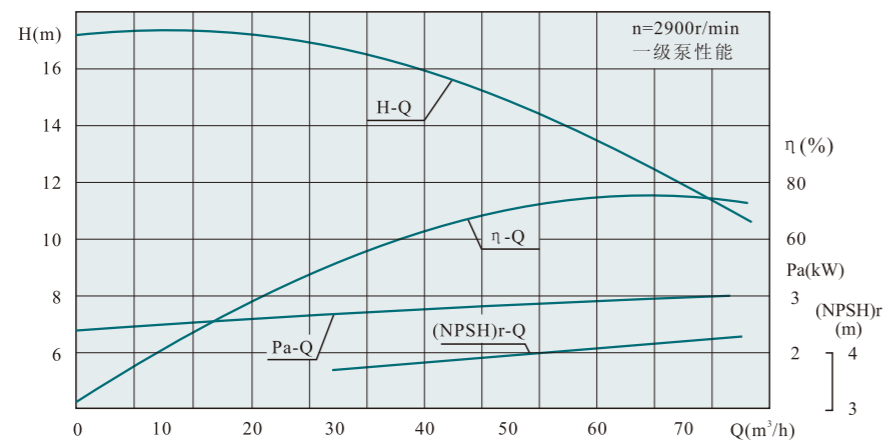
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|---------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 80GDL54-14×2 | 37.8 | 10.5 | 32 | 62 | 2900 | 5.32 | 7.5 | 3.7 | 80 | 986 | 203 | 182 |
| | 54 | 15 | 28 | 70 | | 5.88 | | 4 | | | | |
| | 64.8 | 18 | 25 | 73.5 | | 6.01 | | 4.2 | | | | |
| 80GDL54-14×3 | 37.8 | 10.5 | 48 | 62 | 2900 | 7.97 | 11 | 3.7 | 80 | 1194 | 258 | 267 |
| | 54 | 15 | 42 | 70 | | 8.82 | | 4 | | | | |
| | 64.8 | 18 | 37.5 | 73.5 | | 9.01 | | 4.2 | | | | |
| 80GDL54-14×4 | 37.8 | 10.5 | 64 | 62 | 2900 | 10.13 | 15 | 3.7 | 80 | 1277 | 283 | 352 |
| | 54 | 15 | 56 | 70 | | 11.76 | | 4 | | | | |
| | 64.8 | 18 | 50 | 73.5 | | 12.01 | | 4.2 | | | | |
| 80GDL54-14×5 | 37.8 | 10.5 | 80 | 62 | 2900 | 13.3 | 18.5 | 3.7 | 80 | 1405 | 294 | 437 |
| | 54 | 15 | 70 | 70 | | 14.7 | | 4 | | | | |
| | 64.8 | 18 | 62.5 | 73.5 | | 15.0 | | 4.2 | | | | |
| 80GDL54-14×6 | 37.8 | 10.5 | 96 | 62 | 2900 | 15.9 | 22 | 3.7 | 80 | 1573 | 318 | 522 |
| | 54 | 15 | 84 | 70 | | 17.64 | | 4 | | | | |
| | 64.8 | 18 | 75 | 73.5 | | 18.0 | | 4.2 | | | | |
| 80GDL54-14×7 | 37.8 | 10.5 | 112 | 62 | 2900 | 18.6 | 30 | 3.7 | 80 | 1776 | 397 | 607 |
| | 54 | 15 | 98 | 70 | | 20.58 | | 4 | | | | |
| | 64.8 | 18 | 87.5 | 73.5 | | 21.0 | | 4.2 | | | | |
| 80GDL54-14×8 | 37.8 | 10.5 | 128 | 62 | 2900 | 21.3 | 30 | 3.7 | 80 | 1859 | 410 | 692 |
| | 54 | 15 | 112 | 70 | | 23.54 | | 4 | | | | |
| | 64.8 | 18 | 100 | 73.5 | | 24.0 | | 4.2 | | | | |
| 80GDL54-14×9 | 37.8 | 10.5 | 144 | 62 | 2900 | 23.9 | 30 | 3.7 | 80 | 1942 | 430 | 777 |
| | 54 | 15 | 126 | 70 | | 26.49 | | 4 | | | | |
| | 64.8 | 18 | 112.5 | 73.5 | | 27.0 | | 4.2 | | | | |
| 80GDL54-14×10 | 37.8 | 10.5 | 160 | 62 | 2900 | 26.6 | 37 | 3.7 | 80 | 2025 | 457 | 862 |
| | 54 | 15 | 140 | 70 | | 29.43 | | 4 | | | | |
| | 64.8 | 18 | 125 | 73.5 | | 30.0 | | 4.2 | | | | |

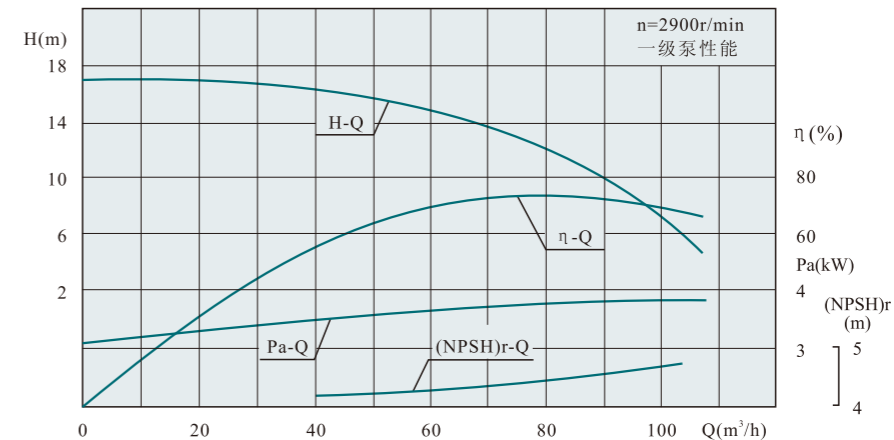
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|----------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 100GDL72-14×2 | 50.4 | 14 | 32 | 64 | 2900 | 6.87 | 11 | 4.2 | 100 | 1181 | 291 | 187 |
| | 72 | 20 | 28 | 73 | | 7.53 | | 4.5 | | | | |
| | 86.4 | 24 | 24 | 73 | | 7.74 | | 4.7 | | | | |
| 100GDL72-14×3 | 50.4 | 14 | 48 | 64 | 2900 | 10.3 | 15 | 4.2 | 100 | 1277 | 320 | 272 |
| | 72 | 20 | 42 | 73 | | 11.29 | | 4.5 | | | | |
| | 86.4 | 24 | 36 | 73 | | 11.61 | | 4.7 | | | | |
| 100GDL72-14×4 | 50.4 | 14 | 64 | 64 | 2900 | 13.7 | 18.5 | 4.2 | 100 | 1419 | 340 | 357 |
| | 72 | 20 | 56 | 73 | | 15.05 | | 4.5 | | | | |
| | 86.4 | 24 | 48 | 73 | | 15.48 | | 4.7 | | | | |
| 100GDL72-14×5 | 50.4 | 14 | 80 | 64 | 2900 | 17.17 | 22 | 4.2 | 100 | 1600 | 398 | 442 |
| | 72 | 20 | 70 | 73 | | 18.81 | | 4.5 | | | | |
| | 86.4 | 24 | 60 | 73 | | 19.35 | | 4.7 | | | | |
| 100GDL72-14×6 | 50.4 | 14 | 96 | 64 | 2900 | 20.6 | 30 | 4.2 | 100 | 1817 | 470 | 527 |
| | 72 | 20 | 84 | 73 | | 22.57 | | 4.5 | | | | |
| | 86.4 | 24 | 72 | 73 | | 23.22 | | 4.7 | | | | |
| 100GDL72-14×7 | 50.4 | 14 | 112 | 64 | 2900 | 24.03 | 30 | 4.2 | 100 | 1913 | 485 | 612 |
| | 72 | 20 | 98 | 73 | | 26.34 | | 4.5 | | | | |
| | 86.4 | 24 | 84 | 73 | | 27.09 | | 4.7 | | | | |
| 100GDL72-14×8 | 50.4 | 14 | 128 | 64 | 2900 | 27.4 | 37 | 4.2 | 100 | 2010 | 535 | 697 |
| | 72 | 20 | 112 | 73 | | 30.1 | | 4.5 | | | | |
| | 86.4 | 24 | 96 | 73 | | 30.96 | | 4.7 | | | | |
| 100GDL72-14×9 | 50.4 | 14 | 144 | 64 | 2900 | 30.9 | 37 | 4.2 | 100 | 2106 | 561 | 782 |
| | 72 | 20 | 126 | 73 | | 33.9 | | 4.5 | | | | |
| | 86.4 | 24 | 108 | 73 | | 34.83 | | 4.7 | | | | |
| 100GDL72-14×10 | 50.4 | 14 | 160 | 64 | 2900 | 34.3 | 45 | 4.2 | 100 | 2258 | 615 | 867 |
| | 72 | 20 | 140 | 73 | | 37.6 | | 4.5 | | | | |
| | 86.4 | 24 | 120 | 73 | | 38.7 | | 4.7 | | | | |

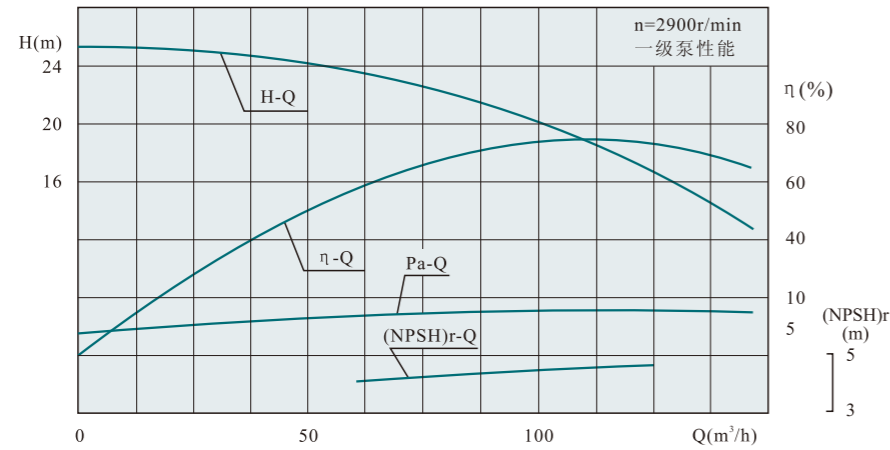
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|-----------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 125GDL100-20×2 | 70 | 19.4 | 46 | 65 | 2900 | 13.5 | 18.5 | 4.2 | 125 | 1333 | 292 | 204 |
| | 100 | 27.7 | 40 | 74 | | 14.7 | | | | | | |
| | 120 | 33.3 | 34 | 73 | | 15.2 | | | | | | |
| 125GDL100-20×3 | 70 | 19.4 | 69 | 65 | 2900 | 20.2 | 30 | 4.2 | 125 | 1638 | 430 | 289 |
| | 100 | 27.7 | 60 | 74 | | 22.1 | | | | | | |
| | 120 | 33.3 | 51 | 73 | | 22.8 | | | | | | |
| 125GDL100-20×4 | 70 | 19.4 | 92 | 65 | 2900 | 27.0 | 37 | 4.2 | 125 | 1738 | 463 | 394 |
| | 100 | 27.7 | 80 | 74 | | 29.5 | | | | | | |
| | 120 | 33.3 | 68 | 73 | | 30.4 | | | | | | |
| 125GDL100-20×5 | 70 | 19.4 | 115 | 65 | 2900 | 33.7 | 45 | 4.2 | 125 | 1893 | 555 | 489 |
| | 100 | 27.7 | 100 | 74 | | 36.8 | | | | | | |
| | 120 | 33.3 | 85 | 73 | | 38.1 | | | | | | |
| 125GDL100-20×6 | 70 | 19.4 | 138 | 65 | 2900 | 40.5 | 55 | 4.2 | 125 | 2123 | 640 | 584 |
| | 100 | 27.7 | 120 | 74 | | 44.2 | | | | | | |
| | 120 | 33.3 | 102 | 73 | | 45.7 | | | | | | |
| 125GDL100-20×7 | 70 | 19.4 | 161 | 65 | 2900 | 47.2 | 75 | 4.2 | 125 | 2308 | 840 | 679 |
| | 100 | 27.7 | 140 | 74 | | 51.5 | | | | | | |
| | 120 | 33.3 | 119 | 73 | | 53.3 | | | | | | |
| 125GDL100-20×8 | 70 | 19.4 | 181 | 65 | 2900 | 54.0 | 75 | 4.2 | 125 | 2408 | 855 | 774 |
| | 100 | 27.7 | 160 | 74 | | 58.9 | | | | | | |
| | 120 | 33.3 | 136 | 73 | | 60.9 | | | | | | |
| 125GDL100-20×9 | 70 | 19.4 | 207 | 65 | 2900 | 60.7 | 75 | 4.2 | 125 | 2508 | 870 | 869 |
| | 100 | 27.7 | 180 | 74 | | 66.3 | | | | | | |
| | 120 | 33.3 | 153 | 73 | | 68.5 | | | | | | |
| 125GDL100-20×10 | 70 | 19.4 | 230 | 65 | 2900 | 67.5 | 90 | 4.2 | 125 | 2658 | 955 | 964 |
| | 100 | 27.7 | 200 | 74 | | 73.6 | | | | | | |
| | 120 | 33.3 | 170 | 73 | | 76.1 | | | | | | |

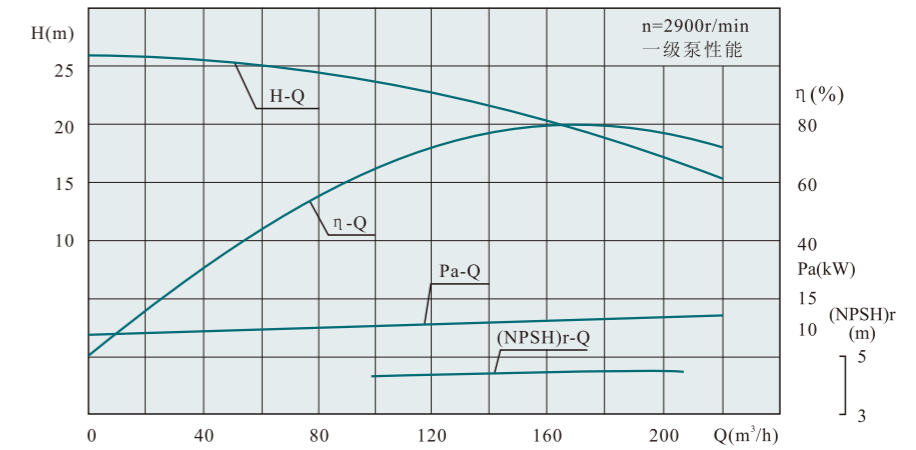
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ 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) |
|-----------------|-------------|-------|-------------------|-------------------|------------------------|-----------------------|------------------------|------------------------------|--|---------------------------|----------------------|--|
| | (m³/h) | (L/s) | | | | 轴功率 Shaft power | 电机功率 Motor power | | | | | |
| 150GDL160-20×2 | 112 | 31.1 | 46 | 69 | 2900 | 20.3 | 30 | 4.4 | 150 | 1597 | 422 | 205 |
| | 160 | 44.4 | 40 | 78 | | 22.3 | | | | | | |
| | 192 | 53.3 | 34 | 77 | | 23.1 | | | | | | |
| 150GDL160-20×3 | 112 | 31.1 | 69 | 69 | 2900 | 30.5 | 37 | 4.4 | 150 | 1714 | 452 | 300 |
| | 160 | 44.4 | 60 | 78 | | 33.5 | | | | | | |
| | 192 | 53.3 | 51 | 77 | | 34.6 | | | | | | |
| 150GDL160-20×4 | 112 | 31.1 | 92 | 69 | 2900 | 40.6 | 55 | 4.4 | 150 | 2106 | 613 | 395 |
| | 160 | 44.4 | 80 | 78 | | 44.7 | | | | | | |
| | 192 | 53.3 | 68 | 77 | | 46.2 | | | | | | |
| 150GDL160-20×5 | 112 | 31.1 | 115 | 69 | 2900 | 50.9 | 75 | 4.4 | 150 | 2218 | 820 | 490 |
| | 160 | 44.4 | 100 | 78 | | 55.9 | | | | | | |
| | 192 | 53.3 | 85 | 77 | | 57.8 | | | | | | |
| 150GDL160-20×6 | 112 | 31.1 | 138 | 69 | 2900 | 61.0 | 75 | 4.4 | 150 | 2335 | 836 | 585 |
| | 160 | 44.4 | 120 | 78 | | 67.1 | | | | | | |
| | 192 | 53.3 | 102 | 77 | | 69.3 | | | | | | |
| 150GDL160-20×7 | 112 | 31.1 | 161 | 69 | 2900 | 71.2 | 90 | 4.4 | 150 | 2502 | 922 | 680 |
| | 160 | 44.4 | 140 | 78 | | 78.3 | | | | | | |
| | 192 | 53.3 | 119 | 77 | | 80.9 | | | | | | |
| 150GDL160-20×8 | 112 | 31.1 | 184 | 69 | 2900 | 81.4 | 110 | 4.4 | 150 | 2809 | 1198 | 775 |
| | 160 | 44.4 | 160 | 78 | | 89.4 | | | | | | |
| | 192 | 53.3 | 136 | 77 | | 92.4 | | | | | | |
| 150GDL160-20×9 | 112 | 31.1 | 207 | 69 | 2900 | 91.6 | 110 | 4.4 | 150 | 2926 | 1214 | 870 |
| | 160 | 44.4 | 180 | 78 | | 100.6 | | | | | | |
| | 192 | 53.3 | 153 | 77 | | 104.0 | | | | | | |
| 150GDL160-20×10 | 112 | 31.1 | 230 | 69 | 2900 | 101.7 | 132 | 4.4 | 150 | 3143 | 1340 | 965 |
| | 160 | 44.4 | 200 | 78 | | 111.8 | | | | | | |
| | 192 | 53.3 | 170 | 77 | | 115.5 | | | | | | |

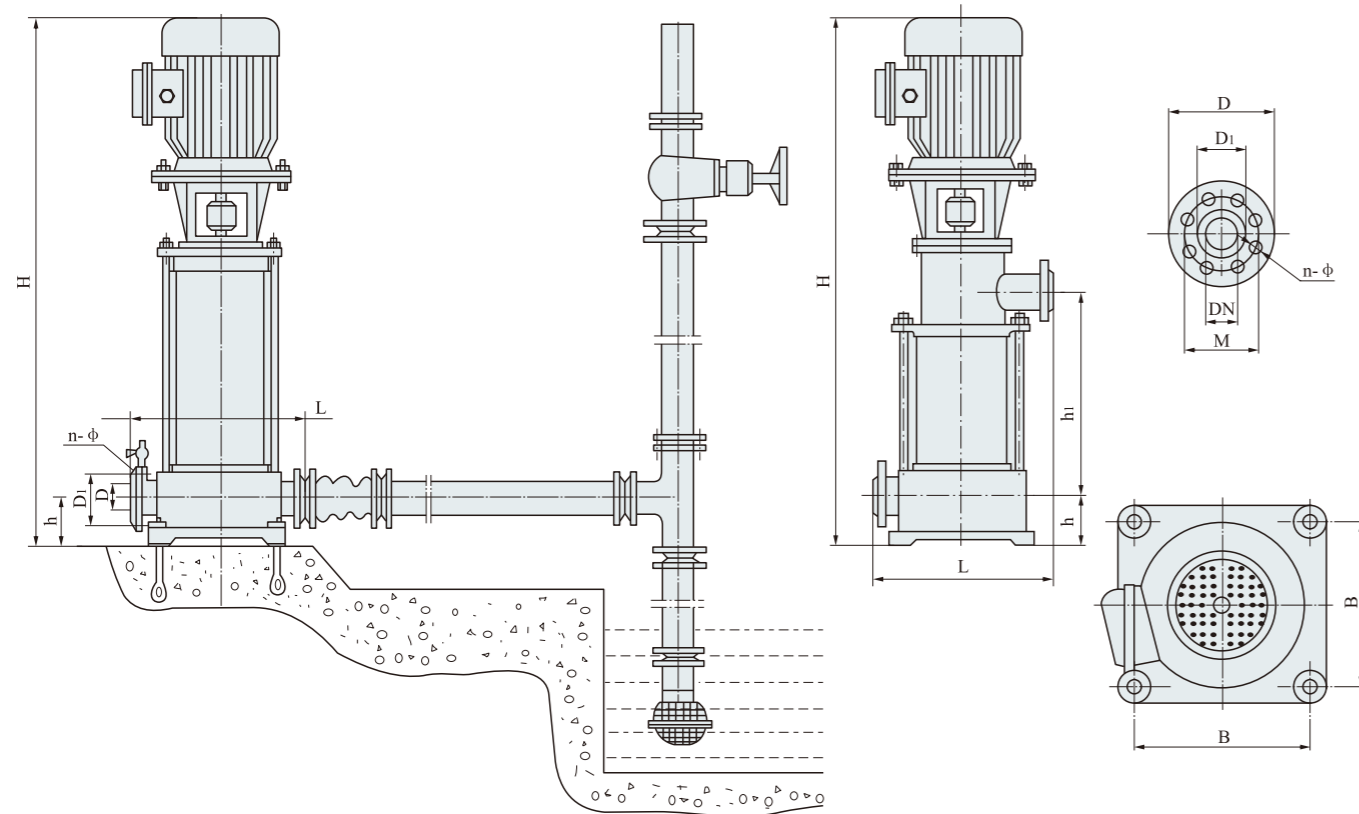
注：1、GDLS型除重量及H尺寸稍有不同外，其性能参数与GDL型相同。

2、h₁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. h₁ size is used for model GDLS only.

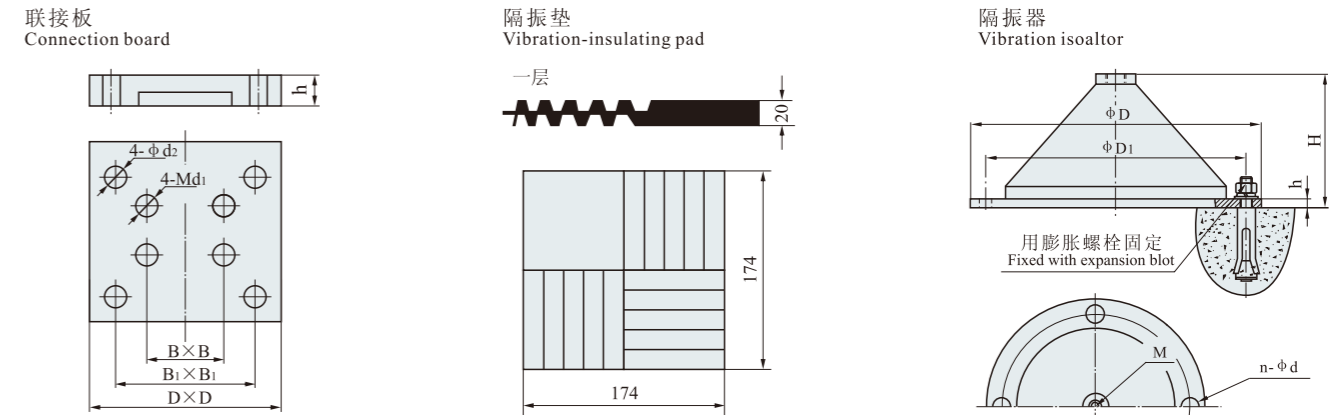
GDL、GDLS型泵外形及安装图 GDL, GDLS type pump figure and installation drawing



| 型号 Type | h | L | B×B | 进出口法兰 In-outlet flange | | | | |
|------------|-----|-----|--------------|------------------------|------|------|------|-------|
| | | | | DN | D | M | D1 | 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 | 102 | 360 | 235 4-φ18 | φ50 | φ165 | φ125 | φ99 | 4-φ18 |
| 50GDLS | | | | | | | | |
| 65GDL | 110 | 360 | 235 4-φ18 | φ65 | φ185 | φ145 | φ118 | 4-φ18 |
| 65GDLS | | | | | | | | |
| 80GDL | 130 | 420 | 300 4-φ18 | φ80 | φ200 | φ160 | φ132 | 8-φ18 |
| 80GDLS | | | | | | | | |
| 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 | | | | | |
| 150GDL | 175 | 500 | 350 4-φ24 | φ150 | φ300 | φ250 | φ211 | 8-φ28 |
| 150GDLS | | | 350 4-φ18 | | | | | |

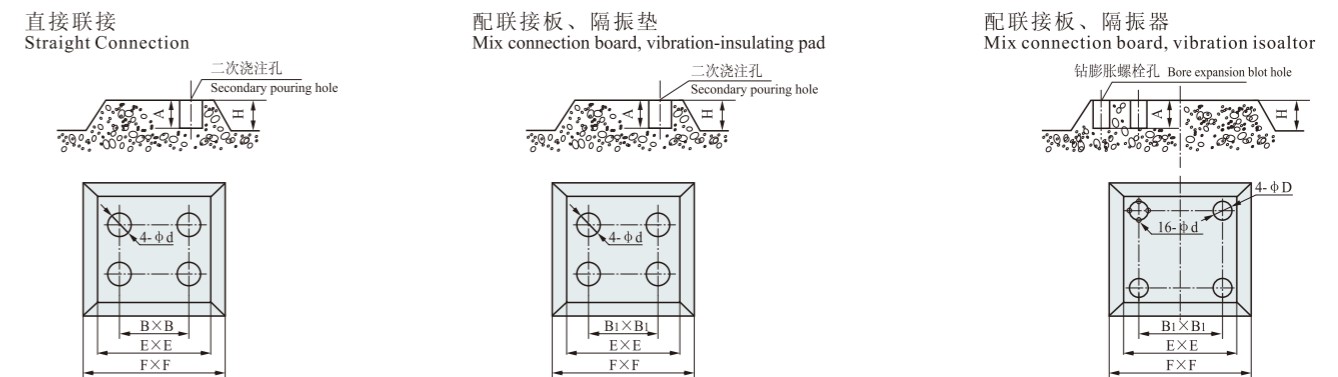
注：1、尺寸H、h1见性能表。
Note: 1. H, h1 size is see performance.

泵附件及其尺寸 Pump spare figure and dimensions



| 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 | Md1 | φd2 | 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 | M12 | φ15 | JG2-2 | M12 | φ150 | φ130 | 65 | 9 | 4-φ8.5 | M8×80 |
| 25GDLS | | | | 205 | | | | | | | | | | | |
| 40GDL | 2# | 500 | 55 | 205 | 440 | M12 | φ15 | JG2-2 | M12 | φ150 | φ130 | 65 | 9 | 4-φ8.5 | M8×80 |
| 40GDLS | | | | 215 | | | | | | | | | | | |
| 50GDL、50GDLS | 3# | 600 | 55 | 235 | 540 | M16 | φ15 | JG2-2 | M12 | φ150 | φ130 | 65 | 9 | 4-φ8.5 | M8×80 |
| 65GDL、65GDLS | 3# | 600 | 55 | 235 | 540 | M16 | φ15 | JG2-2 | M12 | φ150 | φ130 | 65 | 9 | 4-φ8.5 | M8×80 |
| 80GDL、80GDLS | 4# | 700 | 55 | 300 | 640 | M16 | φ20 | JG3-2 | M16 | φ200 | φ170 | 87 | 9 | 4-φ12.5 | M12×110 |
| 100GDL、100GDLS | 5# | 700 | 55 | 350 | 640 | M16 | φ20 | JG3-2 | M16 | φ200 | φ170 | 87 | 9 | 4-φ12.5 | M12×110 |
| 125GDL | 6# | 800 | 55 | 350 | 740 | M20 | φ25 | JG4-2 | M20 | φ290 | φ260 | 133 | 9 | 4-φ12.5 | M12×110 |
| 125GDLS | | | | | | | | | | | | | | | |
| 150GDL | 6# | 800 | 55 | 350 | 740 | M20 | φ25 | JG4-2 | M20 | φ290 | φ260 | 133 | 9 | 4-φ12.5 | M12×110 |
| 150GDLS | | | | | | | | | | | | | | | |

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



| 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 | | | 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 | | | 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 |
| 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 |
| 150 | | | | | 0.16 | 0.26 | 0.58 | 1.1 | 1.6 | 2.3 |
| 175 | | | | | | 0.11 | 0.27 | 0.5 | 0.74 | 1.05 |
| 200 | | | | | | | 0.13 | 0.26 | 0.37 | 0.53 |
| 250 | | | | | | | | 0.07 | 0.12 | 0.18 |
| 300 | | | | | | | | | 0.07 | 0.12 |

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 | |
| 截止阀 Back valve | 100 | |
| 底阀 Foot valve | 100 | 部分堵塞加倍 Partial block-up multiplied |

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.

一定管路直径之最大流量限制

Limit of the maximum flow for a pipe with a certain diameter

| 管径 Pipe diameter (mm) | 最大流量 Maximum flow (L/s) | 最大流速 Maximum flow rate (m/s) | 管径 Pipe 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.



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