



JHL、JHR、JHH、JHLD、JHYG VERTICAL CENTRIFUGAL PUMP

品质追求

永无止境

*Pursuing Quality, Endless Forwarding*

## 立式离心泵系列

VERTICAL CENTRIFUGAL PUMP

JHL JHR JHH JHLD JHYG 立式离心泵



上海进亨给排水设备有限公司

SHANGHAI JINHENG DRAINAGE EQUIPMENT CO., LTD.

上海进亨泵业制造有限公司

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## 产品概述 OUTLINE OF THE PRODUCT

JHL 型单级单吸立式离心泵是本公司采用 IS 型离心泵性能参数和立式泵结构之长, 严格按照国际标准 ISO2858 及最新国家标准设计成功的高效节能产品, 是代替 IS 型卧式泵、DL 型泵等常规产品的新颖立式离心泵。

流量范围 1.5~2400m<sup>3</sup>/h, 扬程范围 8~150m, 分基本型、扩流型、A、B、C 切割型等 250 多种规格。根据流量介质和温度不同, 设计制造成同性能参数的 JHR 型热水泵、JHH 型化工泵、JHYG 型油泵和 JHLY 型立式防爆化工泵系列产品。

Model JHL single-stage single-suction vertical centrifugal pump is a high-effective energy-saving product successfully designed by means of adopting the property data of IS model centrifugal pump and the unique merits of vertical pump and strictly in accordance with ISO2858 world standard and the latest national standard and an ideal product to replace IS horizontal pump, DL model pump etc. ordinary pumps.

The flow range is 1.5-2400m<sup>3</sup>/h and the stroke range 8-150m and there are basic type, by-pass type, A, B, C cutting type etc. more than 250 specifications. And per the different flow medium and temperature, JHR hot-water pump, JHH chemical pump and JHYG oil pump and JHLY vertical non-explosive chemical pump. etc. Series products. Of the same type and same property data have been designed and made.

## 工作条件 WORKING CONDITIONS

1、泵系统最高工作压力为 ≤ 1.6MPa, 即泵吸入口压力 + 泵扬程 ≤ 1.6MPa, 订货时请注明泵进口压力。当进口压力大于 0.4MPa, 或泵系统工作压力大于 1.6MPa 时, 应在订货时另行提出, 以便在制造时, 泵的过流部分和联接部分采用铸钢材料。

2、适用介质: 清水泵介质应无腐蚀性液体、介质固体不溶物, 其体积不超过单位体积 0.1%, 粒度 < 0.2mm, 如介质为带有细小颗粒的请在订货时说明。

3、周围环境温度不超过 40℃, 相对湿度不超过 95%。

1. Max. working pressure of pump system is ≤ 1.6MPa, that is to say the pressure at the suction + the stroke < 1.6MPa, the pressure in static tests is 2.5MPa, please notify the pressure for the system at work when ordering and it should be otherwise noted of the said pressure is larger than 1.6MPa so as to use cast steel material for the over-flow and joint parts.

2. Proper medium: the medium for pure water pumps should have no corrosive liquid and the volume of nonmelting medium solid should not be over 0.1% of the unit volume and the graininess less than 0.2mm. Please notify at order if the medium to be used with small grain.

3. No larger than 40℃ of the ambient temperature, no higher than 1000L of the above-sea level and no more than 95% of the relative humidity

## 产品特点 PRODUCT FEATURES

1、泵结构紧凑、体积小、外形美观。其立式结构重心较低且重心重合于泵脚中心, 增强了泵的运行稳定性和寿命。

2、安装方便。进出口径相同并在同一中心线上, 可象阀门一样直接安装在管路任何部位。电机加上防雨罩可置于户外使用。泵设有安装底脚, 以便泵的安装稳定。

3、运行平稳、噪音低、组件同心度高。电机采用低噪音轴承, 并设有不停机加油装置, 泵叶轮具有极好的动静平衡, 运行无振动, 改善使用环境。

4、无渗漏。轴封采用耐磨硬质合金机械密封, 解决了离心泵填料密封渗漏严重的问题, 延长了使用寿命, 确保了运行场地干净整洁。

5、维修方便。无需拆卸管道, 只要拆下泵盖螺母, 取出电机及传动组件即可进行检修维护。

6、可根据现场使用条件, 泵机可立式、卧式、多方式安装, 依据流量扬程要求, 采用并、串联方法, 增加所需流量扬程。

1. Compact structure, small volume, beautiful outlook. The lower barycenter of the vertical structure which coincides with the center of the pump feet strengthens the stability of running and the duration.

2. Easy to mount. Because of the same apertures of both inlet and outlet which also locate on the same central line, the pump can be directly mounted on any part of the pipeline just as a valve. The motor is covered with a rainproof cap so that operation can be done outdoors. Mounting feet are equipped with the pump so that it can be stably mounted.

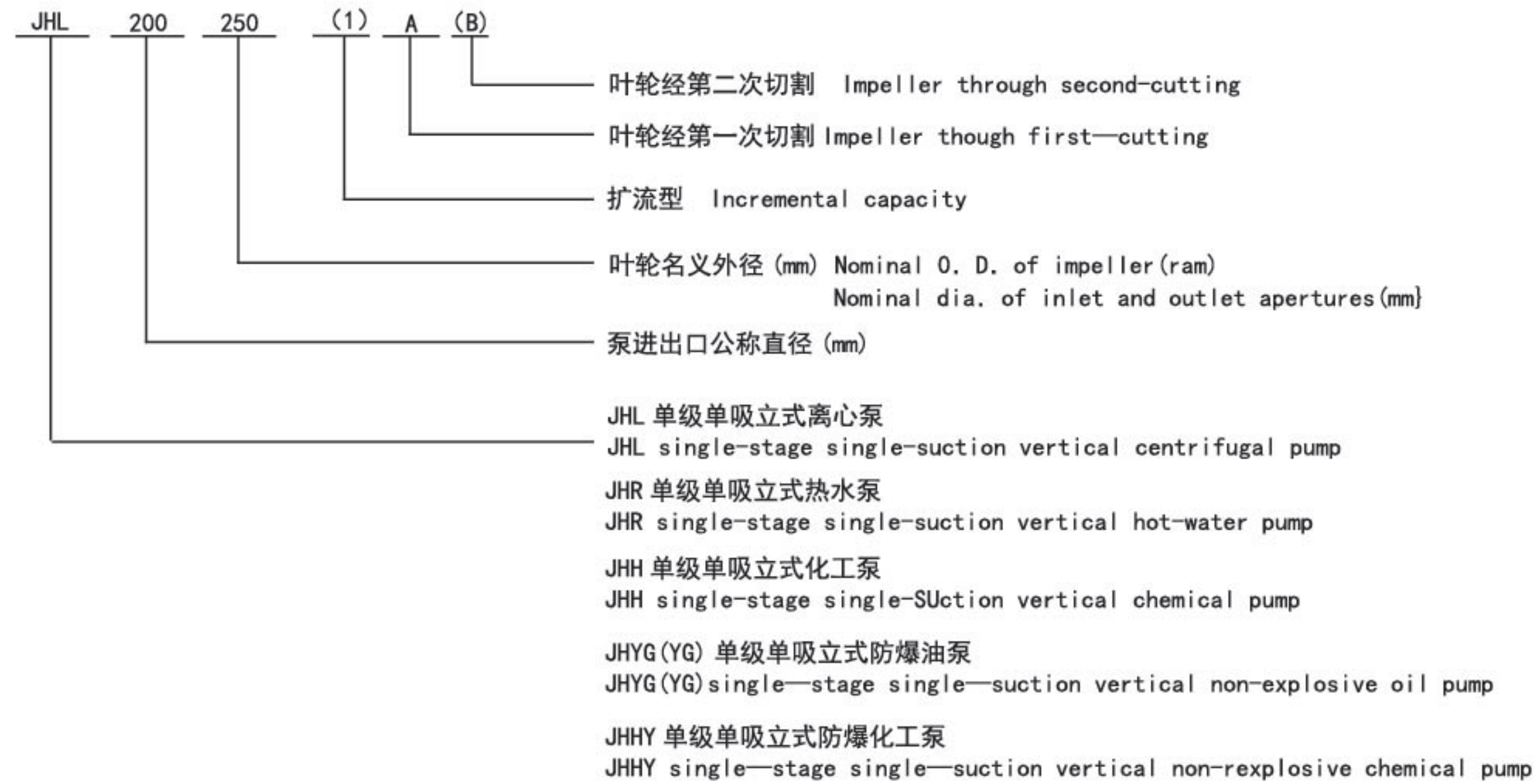
3. Stable running, low noise, high concentricity of components. Bearings of low noise are used for the motor, the impellers are of best dynamic and static balance, no vibration at running and the environment thus being improved.

4. No leakage. The shaft is mechanically sealed with carbide alloy wearable material, settling the serious leakage of the filling seal of a centrifugal pump, extending the duration and ensuring the operation place clean and tidy.

5. Easy to maintain. Not necessary to remove the pipeline for check-out and maintenance, only to take out the nuts on the pump lid, the motor and the driving components

6. The pump, according to the operation condition of the worksite, may be vertically, horizontally etc. multiways mounted and also according to the requirements for the flow and stroke, mounted in parallel and / or in series to increase the needed flow and stroke.

型号意义 TYPE MEANING

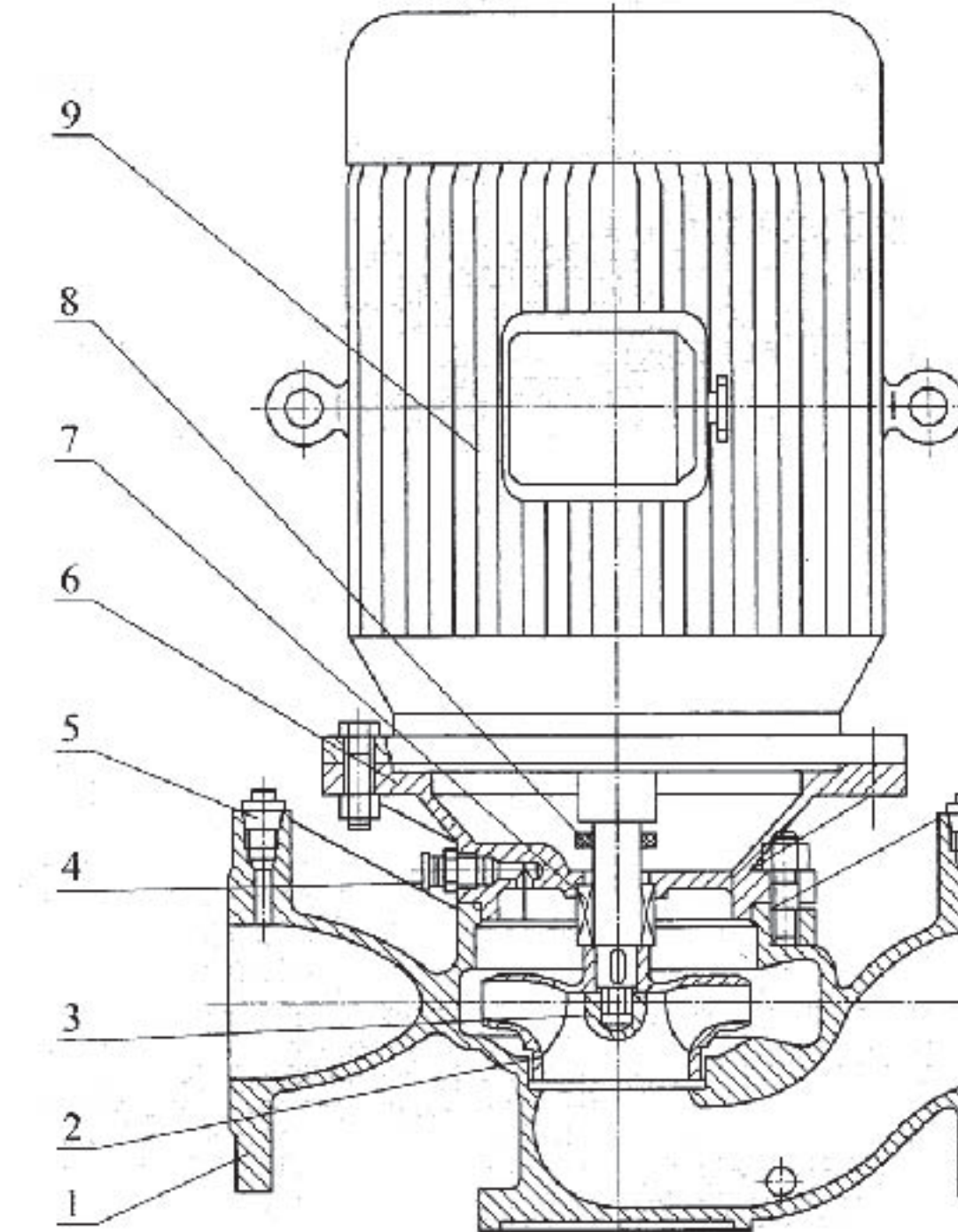


主要用途 MAJORPURPOSE

- 1、JHL 型立式离心泵，供输送清水及物理性质类似清水的其它液体之用。使用介质温度 80℃ 以下。适用于工业和城市给排水、高层建筑增压送水、园林喷灌、消防增压、远距离输水、采暖、浴室冷热水循环增压及设备配套等。
- 2、JHR 型立式热水泵，适用于有供热系统的民用及企事业单位的建筑住房供暖及热水增压、循环、输送等生产工艺用热系统，如：电站、热电站、余热利用、冶金、化工、纺织、木材加工、造纸等工业锅炉高温热水，使用温度 120℃ 以下。
- 3、JHH 型立式化工泵，输送不含固体颗粒具有腐蚀性其粘度类似水的液体。适用于轻纺、石油、化工、冶金、电力、造纸、食品、制药和合成纤维等部门，使用温度 -20℃ ~ 120℃。
- 4、JHYG (YG) 型立式防爆油泵，适用于石油、轻纺、化工、机械等行业输送无腐蚀、易燃、易爆液体，被输送介质温度 -20℃ ~ 120℃。介质密度  $\rho < 1000 \text{ kg/m}^3$ 。
- 5、JHHY 型立式防爆化工泵输送不含固体颗粒具有腐蚀性其粘度类似水且易燃易爆的液体。适用于轻纺、石油、化工、冶金、矿山、制药和合成纤维等部门，使用温度 -20℃ ~ 120℃。

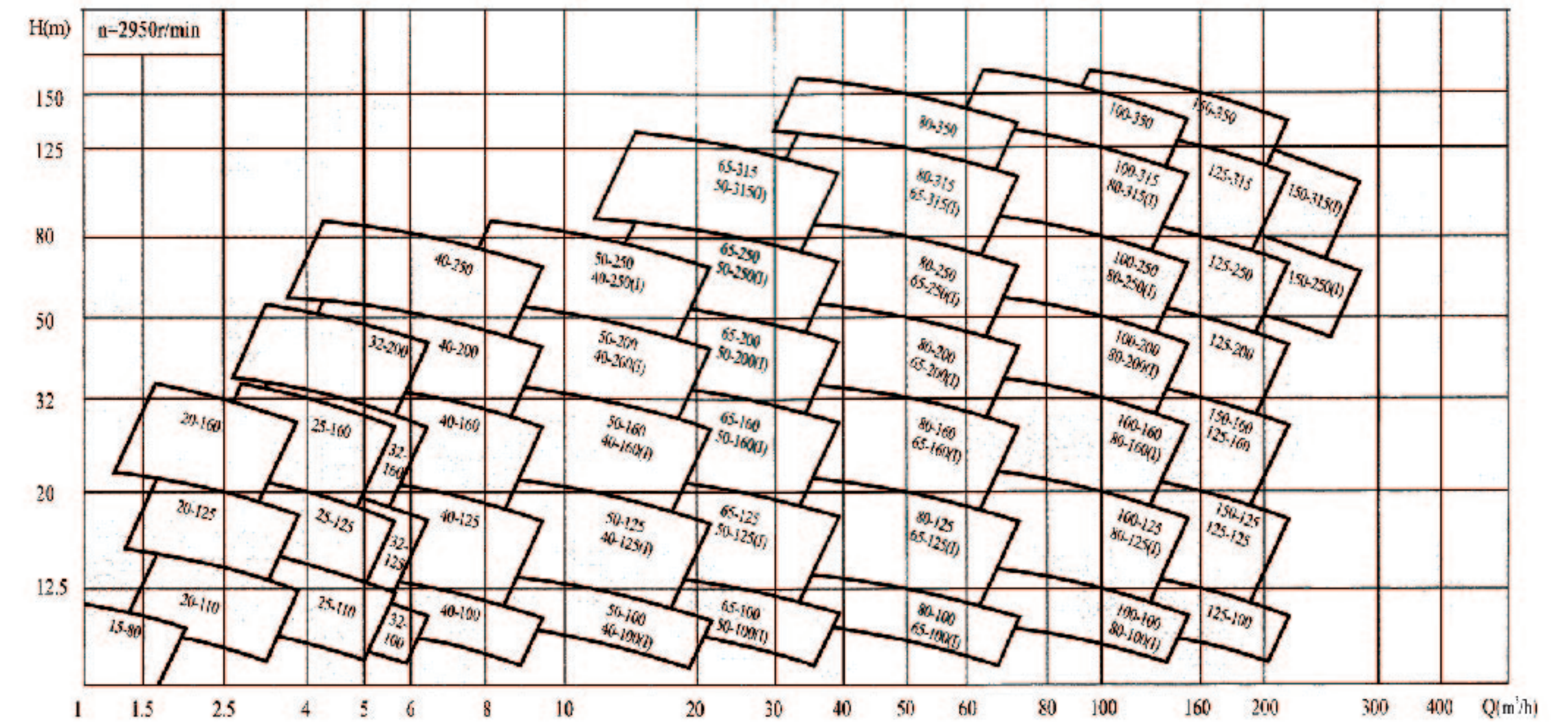
1. JHL series vertical centrifugal pump is used to transport pure-water and other liquids, the physical properties of which are similar to those of pure-water, in industrial and cities' water supply and drainage, high buildings' booster water supply, gardens irrigation, fire-fighting booster, remote water supply, warming systems, circular booster of cold & hot water in bath rooms as well as in combinations of equipments, the operation medium temperature is below 80℃.
2. JHR series vertical hot-water pump is used for the warming hot-water booster circular system and the heat transport system of production technology in the units where heat-supply systems are available, such as the power station, thermal power station, residual heat utilization, metallurgy, chemistry, textile, wood-processing, paper-making etc. industrial boilers' high temperature hot water, the operation temperature is below 120℃.
3. JHH series vertical chemical pump is used to transport the liquids containing no solid grain, corrosive and the viscosity of which is similar to water or the departments of light & textile industry, petroleum, chemical industry, metallurgy, electricity, paper-making, food, medicine and synthetic fibre etc. The operation temperature is -20℃ ~ 120℃.
4. JHYG (YG) series vertical non-explosive oil pump is used to transport non-corrosive, flammable, explosive liquids, the medium temperature is -20℃ ~ 120℃ and density less than 1000 kg/m<sup>3</sup>.
5. JHHY series vertical non-explosive chemical pump is used to transport the liquids containing no solid grain, corrosive and the viscosity of which is similar to water for the department of light & textile industry, petroleum, chemical industry, metallurgical industry, mining, medicine and synthetic fibre etc. the operation temperature is 20℃ ~ 120℃.

结构说明 STRUCTURE DESCRIPTION

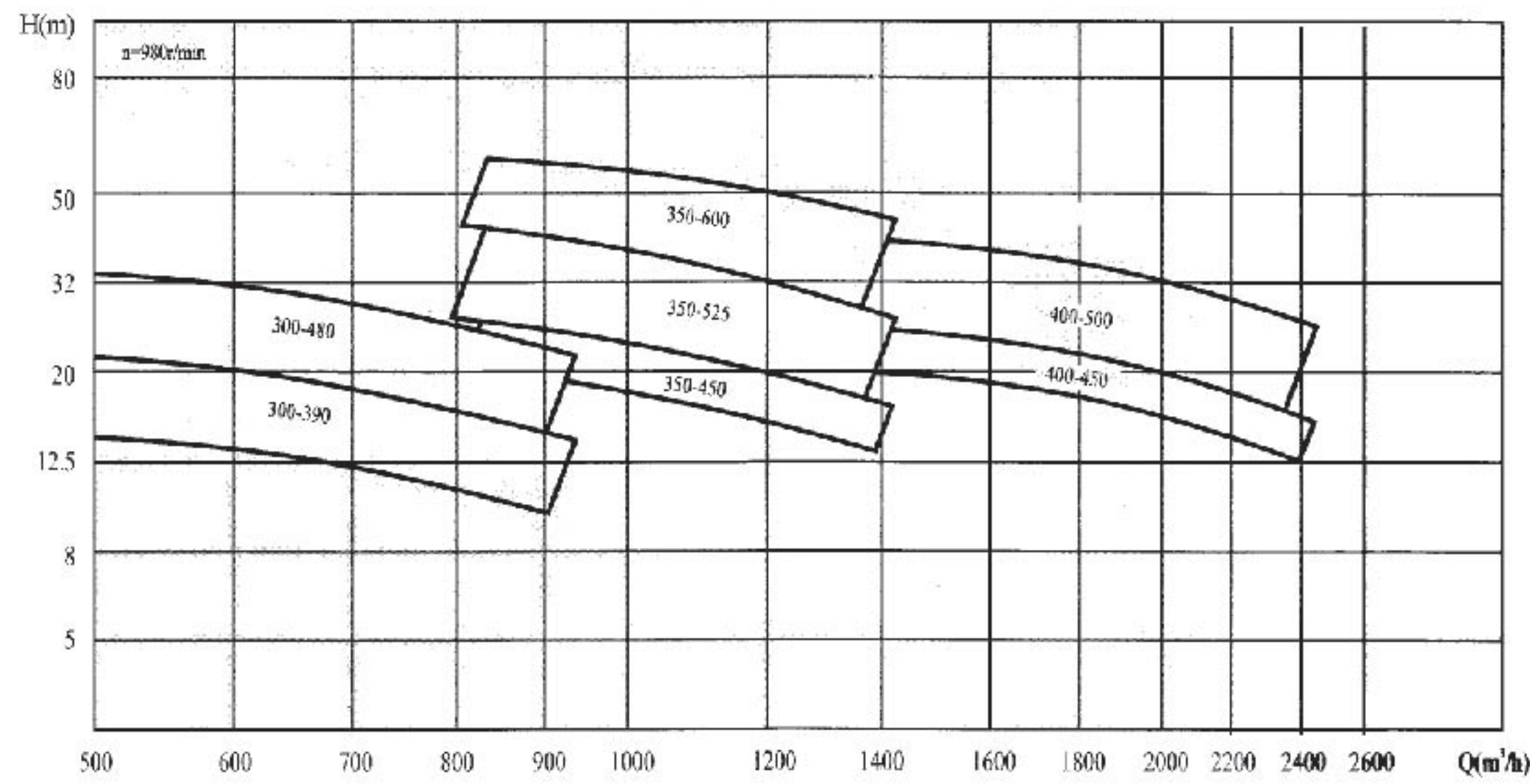
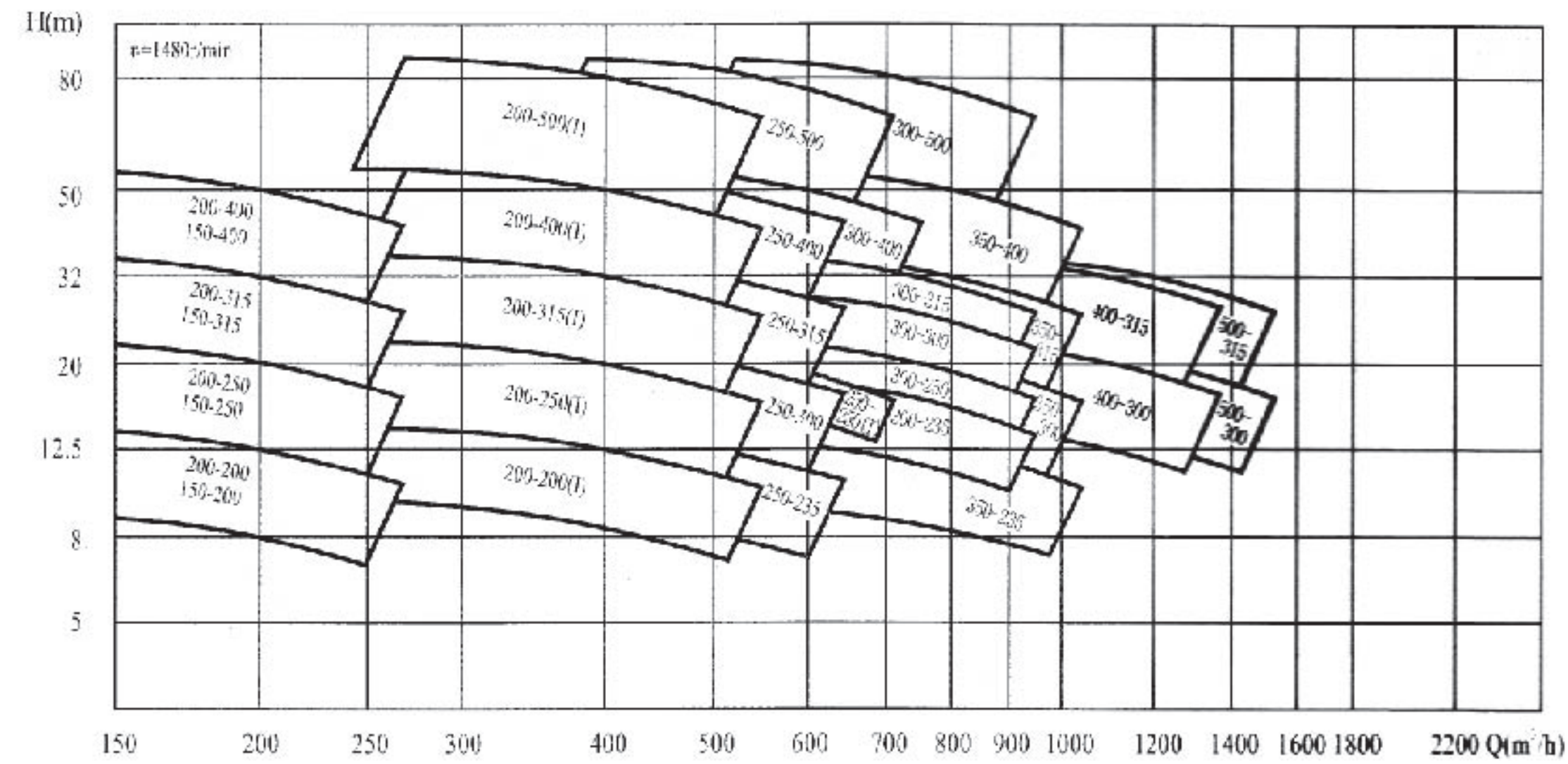


序号	名称	数量
1	泵体	1
2	叶轮	1
3	叶轮螺母	1
4	放气阀	1
5	螺塞	3
6	泵盖	1
7	机械密封	1
8	挡水圈	1
9	电机	1

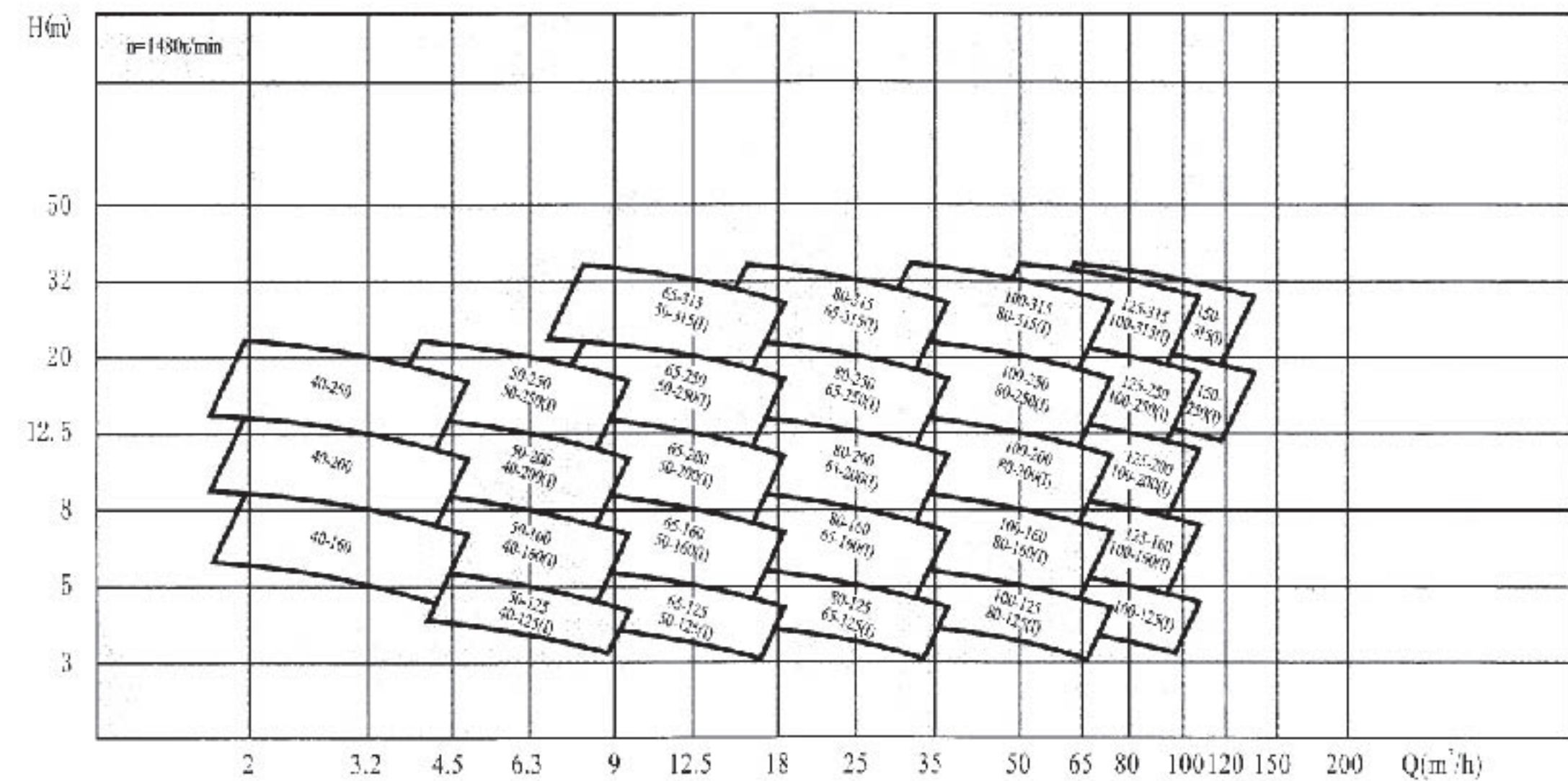
JHL 型谱图 JHL ATLAS OF STYLE



JHL 型谱图 JHL ATLASOFSTYLE



JHLD 型谱图 JHLD ATLASOFSTYLE



JHL 型泵性能参数 JHLYYPEPUMPPERFORMANCE

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	(m)	功率	(r/min)	必需汽蚀余量	kg
JHL15-80	1.1 1.5 2	0.3 0.42 0.56	8.5 8 7	0.18	2800	2.3	20
JHL20-110	1.8 2.5 3.3	0.5 0.69 0.91	16 15 13.5	0.37	2800	2.3	25
JHL20-125	1.8 2.5 3.3	0.5 0.69 0.91	21 20 18.6	0.75	2800	2.3	35
JHL20-160	1.8 2.5 3.3	0.5 0.69 0.91	33 32 30	0.15	2950	2.3	38
JHL25-110	2.8 4 5.2	0.78 1.11 1.44	16 15 13.5	0.55	2950	2.3	31
JHL25-125	2.8 4 5.2	0.78 1.11 1.44	20.5 20 18	0.75	2950	2.3	35
JHL25-125A	2.5 3.6 4.6	0.39 1 1.28	17 16 14.5	0.75	2950	2.3	35
JHL25-160	2.8 4 5.2	0.78 1.11 1.44	33 32 30	1.5	2950	2.3	44
JHL25-160A	2.6 3.7 4.9	0.72 1.03 1.36	29 28 26	1.1	2950	2.3	40
JHL32-100	3.5 4.5 5.3	0.97 1.24 1.47	14.5 12.5 11	0.55	2950	2.3	35
JHL32-125	3.5 5 6.5	0.97 1.39 1.8	22 20 18	1.1	2950	2.3	38
JHL32-125A	3.1 4.5 5.8	0.86 1.25 1.61	20 16 10	0.75	2950	2.3	37
JHL32-160	3.5 4.5 6	0.97 1.25 1.67	34 32 26	1.5	2950	2.3	49
JHL32-160A	3.5 4.5 6	0.97 1.25 1.67	26.5 25 19	1.1	2950	2.3	43
JHL32-200	3.5 4.5 5.5	0.97 1.25 1.53	53 50 45	3	2950	2.3	68
JHL32-200A	3 4 5	1.08 1.11 1.17	43 40 37	2.2	2950	2.3	58
JHL40-100	4.4 6.3 8.3	1.22 1.75 2.31	13.2 12.5 11.5	0.55	2950	2.3	36
JHL40-100A	3.9 5.6 7.4	1.08 1.56 2.06	10.5 10 9	0.55	2950	2.3	37
JHL40-125	4.4 6.3 8.3	1.22 1.75 2.31	21 20 18	1.1	2950	2.3	45
JHL40-1	3.9 5.6 7.4	1.08 1.56 2.06	17.5 16 14.5	0.75	2950	2.3	38

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	(m)	功率	(r/min)	必需汽蚀余量	kg
JHL40-160	4.4 6.3 8.3	1.22 1.75 2.31	33 32 30	2.2	2950	2.3	52
JHL40-160A	4.1 5.9 7.5	1.14 1.64 2.08	29 28 26.5	1.5	2950	2.3	42
JHL40-160B	3.8 5.5 7.0	1.06 1.53 1.94	25.5 24 21.5	1.1	2950	2.3	35
JHL40-200	4.4 6.3 8.3	1.22 1.75 2.31	51 50 48	4	2950	2.3	79
JHL40-200A	4.1 5.9 7.8	1.14 1.64 2.17	45 44 42	4	2950	2.3	67
JHL40-200B	3.7 5.3 7	1.03 1.47 1.94	38 36 34.5	3	2950	2.3	57
JHL40-250	4.4 6.3 8.3	1.22 1.75 2.31	82 80 74	7.5	2950	2.3	123
JHL40-250A	4.1 5.9 7.8	1.14 1.64 2.17	72 70 65	5.5	2950	2.3	115
JHL40-250B	3.8 5.5 7	1.06 1.53 1.94	61.5 60 56	5.5	2950	2.3	104
JHL40-100(I)	8.8 12.5 16.3	2.44 3.47 4.53	13.2 12.5 11.3	1.1	2950	2.3	40
JHL40-100(I)A	8 11 15	2.22 3.05 4.03	10.6 10 9	0.75	2950	2.3	38
JHL40-125(I)	8.8 12.5 16.3	2.44 3.47 4.53	21.2 20 17.5	1.5	2950	2.3	47
JHL40-125(I)A	8 11 15	2.22 3.05 4.17	17 16 14	1.1	2950	2.3	40
JHL40-160(I)	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	3	2950	2.3	67
JHL40-160(I)A	8.2 12 15.2	2.28 3.33 4.22	29 28 26	2.2	2950	2.3	56
JHL40-160(I)B	7.3 10 14	2.03 2.78 3.89	23 22 20.5	2.2	2950	2.3	53
JHL40-200(I)	8.8 12.5 16.3	2.44 3.47 4.53	51.2 50 48	5.5	2950	2.3	110
JHL40-200(I)A	8.3 11.7 15.3	2.32 3.25 4.25	45 44 42	4	2950	2.3	90
JHL40-200(I)B	7.5 10.5 13.8	2.08 2.94 3.83	37 36 34	3	2950	2.3	78
JHL40-250(I)	8.8 12.5 16.3	2.44 3.47 4.53	81.2 80 77.5	11	2950	2.3	1



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JHL 型泵性能参数 JHLYYPEPUMPPERFORMANCE

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 必需汽蚀余量, 重量. Rows include models like JHL40-250(I)A, JHL50-100, JHL50-100A, etc.



品质追求 永无止境

JHL 型泵性能参数 JHL YYPEPUMPPERFORMANCE

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 必需汽蚀余量, 重量. Rows include models like JHL65-200B, JHL65-250, JHL65-250A, etc.



JHL 型泵性能参数 JHL TYPE PUMP PERFORMANCE

Type	流量Q		Head (m)	电机功率 kw	转速 (r/min)	(NPSH)r	重量 kg
型号	(m³/h)	(L/s)	扬程	电机功率	转速	必需汽蚀余量	重量
JHL80-350	35 50 60	9.72 13.9 13.7	156 150 140	55	2950	3	530
JHL80-350A	30.8 44 52.8	8.56 12.2 14.7	148 142 135	45	2950	3	420
JHL80-350B	28 40 46	7.78 11.1 12.8	142 135 128	37	2950	3	360
JHL80-100(I)	70 100 130	19.4 27.8 36.1	14 12.5 11	5.5	2950	4.5	118
JHL80-100(T)A	62.6 89 116	17.4 24.7 32.2	12 10 8.8	4	2950	4.5	88
JHL80-125(T)	70 100 130	19.4 27.8 36.1	23.5 20 14	11	2950	4.5	174
JHL80-125(T)A	62.6 89 116	17.4 24.7 32.2	19 16 11	7.5	2950	4.5	125
JHL80-160(T)	70 100 130	19.4 27.8 36.1	36.5 32 24	15	2950	4.5	190
JHL80-160(T)A	65.4 93.5 121	18.2 26 33.8	32 28 21	11	2950	4.5	180
JHL80-160(T)B	60.6 86.6 112	16.8 24.1 31.3	27 24 18	11	2950	4.5	176
JHL80-200(T)	70 100 130	19.4 27.8 36.1	54 50 42	22	2950	4	265
JHL80-200(T)A	65.4 93.5 121	18.2 26 33.8	47.5 44 37	18.5	2950	4	225
JHL80-200(T)B	61 87 113	16.9 24.2 31.4	41 38 32	15	2950	4	200
JHL80-250(I)	70 100 130	19.4 27.8 36.1	87 80 68	37	2950	4	320
JHL80-250(T)A	65.4 93.5 121	18.2 26 33.8	76 70 59.5	30	2950	4	300
JHL80-250(T)B	61 87 113	16.9 24.2 31.4	65 60 51	30	2950	4	258
JHL80-315(I)	70 100 130	19.4 27.8 36.1	132 125 114	75	2950	4	680
JHL80-315(I)A	66.5 95 123	18.5 26.4 34.3	119 113 103	55	2950	4	540
JHL80-315(I)B	63 90 117	17.5 25 32.5	106 101 92	55	2950	4	440
JHL80-315(I)C	58 82 107	16.1 22.8 29.7	90 85 76	37	2950	4	390
JHL100-100	70 100 130	19.4 27.8 36.1	13.6 12.5 11	5.5	2950	4.5	120



JHL 型泵性能参数 JHL TYPE PUMP PERFORMANCE

Type	流量Q		Head (m)	电机功率 kw	转速 (r/min)	(NPSH)r	重量 kg
型号	(m³/h)	(L/s)	扬程	电机功率	转速	必需汽蚀余量	重量
JHL100-100A	62.6 89 116	17.4 24.7 32.2	11 10 8.8	4	2950	4.5	100
JHL100-125	70 100 130	19.4 27.8 36.1	23.5 20 14	11	2950	4.5	174
JHL100-125A	62.5 89 116	17.4 24.7 32.2	19 16 11	7.5	2950	4.5	125
JHL100-160	70 100 130	19.4 27.8 36.1	36.5 32 24	15	2950	4.5	185
JHL100-160A	65.4 94 121	18.2 26 33.8	32 28 21	11	2950	4.5	175
JHL100-160B	60.6 86.6 112	16.8 24.1 31.3	27 24 18	11	2950	4.5	125
JHL100-200	70 100 130	19.4 27.8 36.1	54 50 42	22	2950	4	250
JHL100-200A	65.4 93.5 121	18.2 26 33.8	47.5 44 37	18.5	2950	4	210
JHL100-200B	61 87 113	16.9 24.2 31.4	41 38 32	15	2950	4	188
JHL100-250	70 100 130	19.4 27.8 36.1	87 80 68	37	2950	4	350
JHL100-250A	65.4 93.5 121	18.2 26 33.8	76 70 59.5	30	2950	4	330
JHL100-250B	61 87 113	16.9 24.2 31.4	65 60 51	30	2950	4	270
JHL100-315	70 100 130	19.4 27.8 36.1	132 125 114	75	2950	4	680
JHL100-315A	66.5 95 123	18.5 26.4 34.3	119 113 103	55	2950	4	540
JHL100-315B	63 90 117	17.5 25 32.5	106 101 92	55	2950	4	440
JHL100-350	70 100 130	19.4 27.8 36.1	156 150 148	90	2950	4	740
JHL100-350A	64 88 113	17.8 24.4 31.1	148 142 134	75	2950	4	650
JHL100-350B	56 80 104	15.6 22.2 28.9	140 135 125	75	2950	4	510
JHL125-100	112 160 192	31.1 44.4 53.3	14 12.5 10	7.5	2950	4	207
JHL125-100A	100 143 172	27.8 39.7 47.8	12 10 8.5	7.5	2950	4	155
JHL125-125	112 160 192	31.1 44.4 53.3	22.6 20 17	15	2950	4	220



品质追求 永无止境

JHL JHLD 型泵性能参数 JHL JHLDJHYYPEPUMPPERFORMANCE

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 重量. Rows include models like JHL200-250, JHL200-250A, etc.

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 重量. Rows include models like JHL200-400(I)C, JHL200-500(I), etc.



品质追求 永无止境

JHL JHLD 型泵性能参数 JHL JHLDJHYYPEPUMPPERFORMANCE

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 重量. Rows include models like JHL300-235A, JHL300-235B, etc.

Table with 8 columns: Type, 流量Q, Head, 电机功率, 转速, (NPSH)r, 重量. Rows include models like JHL300-500C, JHL350-235, etc.



品质追求 永无止境

JHL JHLD 型泵性能参数 JHL JHLDJHYYPEPUMPPERFORMANCE

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	扬程	功率	转/分	必需汽蚀余量	kg
JHLD40-160	2.2 3.2 4.2	0.61 0.89 1.17	8.3 8 7.5	0.37	1480	2.3	44
JHLD40-200	2.2 3.2 4.2	0.61 0.89 1.17	12.8 12.5 12	0.75	1480	2.3	53
JHLD40-250	2.2 3.2 4.2	0.61 0.89 1.17	20.5 20 18.5	1.1	1480	2.3	76
JHLD40-250A	2.0 3.0 3.9	0.56 0.83 1.08	18 17.5 16.3	0.75	1480	2.3	67
JHLD40-250B	1.9 2.8 3.5	0.53 0.78 0.97	15.4 15 14	0.55	1480	2.3	57
JHLD40-125(I)	4.4 6.3 8.2	1.2 1.75 2.3	5.3 5.0 4.5	0.25	1480	2.3	43
JHLD40-160(I)	4.4 6.2 8.2	1.2 1.75 2.3	8.3 8.0 7.5	0.55	1480	2.3	52
JHLD40-200(I)	4.4 6.3 8.2	1.2 1.75 2.3	12.8 12.5 12	0.75	1480	2.3	62
JHLD40-250(I)	4.4 6.3 8.2	1.2 1.75 2.3	20.3 20 19.4	1.5	1480	2.3	86
JHLD40-250(T)A	4.1 5.8 7.6	1.1 1.6 2.1	17.8 17.5 17	1.1	1480	2.3	76
JHLD40-250(I)B	3.8 5.4 7	1.1 1.5 1.9	15.4 15 14.5	1.1	1480	2.3	67
JHLD50-125	4.4 6.3 8.2	1.2 1.75 2.3	5.3 5 4.45	0.25	1480	2.3	43
JHLD50-160	4.4 6.3 8.2	1.2 1.75 2.3	8.3 8 7.5	0.55	1480	2.3	52
JHLD50-200	4.4 6.3 8.2	1.2 1.75 2.3	13 12.5 12	0.75	1480	2.3	62
JHLD50-250	4.4 6.3 8.2	1.2 1.75 2.3	20.5 20 19.4	1.5	1480	2.3	86
JHLD50-250A	4.1 5.8 7.6	1.14 1.61 2.11	17.9 17.5 17	1.1	1480	2.3	76
JHLD50-250B	3.8 5.4 7	1.06 1.5 1.94	15.4 15 14.5	1.1	1480	2.3	67

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	扬程	功率	转/分	必需汽蚀余量	kg
JHLD 50-125(I)	8.75 12.5 16.3	2.4 3.5 4.5	5.38 5 4.5	0.55	1480	2.5	52
JHLD 50-160(I)	8.75 12.5 16.3	2.4 3.5 4.5	8.6 8 6.88	0.55	1480	2.5	62
JHLD 50-200(I)	8.75 12.5 16.3	2.4 3.5 4.5	13.2 12.5 11.4	1.1	1480	2.5	69
JHLD 50-200(T)A	8.2 11.8 15.3	2.3 3.3 4.3	11.6 11 10	1.1	1480	2.5	62
JHLD 50-250(I)	8.75 12.5 16.3	2.4 3.5 4.5	20.5 20 19.1	2.2	1480	2.5	100
JHLD 50-250(T)A	8.2 11.7 15.3	2.3 3.3 4.3	17.9 17.5 16.8	1.5	1480	2.5	90
JHLD 50-250(I)B	7.5 10.8 14	2.1 3 3.9	15.3 15 14.4	1.5	1480	2.5	81
JHLD 50-315(I)	8.75 12.5 16.3	2.4 3.5 4.5	32 31.5 30.5	4	1480	2.5	124
JHLD 50-315(T)A	8.3 11.9 15.5	2.3 3.3 4.3	28.8 28.5 28	3	1480	2.5	124
JHLD 50-315(T)B	7.85 11.3 14.6	2.2 3.1 4.1	25.8 25.5 24.5	3	1480	2.5	109
JHLD 65-125	8.75 12.5 16.3	2.4 3.5 4.5	5.4 5 4.5	0.55	1480	2.5	52
JHLD 65-160	8.75 12.5 16.3	2.4 3.5 4.5	8.6 8 6.88	0.55	1480	2.5	62
JHLD 65-200	8.75 12.5 16.3	2.4 3.5 4.5	13.2 12.5 11.4	1.1	1480	2.5	69
JHLD 65-200A	8.2 11.8 15.3	2.3 3.3 4.3	11.6 11 10	1.1	1480	2.5	62
JHLD 65-250	8.75 12.5 16.3	2.4 3.5 4.5	20.5 20 19.1	2.2	1480	2.5	100
JHLD 65-250A	8.2 11.7 15.3	2.3 3.3 4.3	17.9 17.5 16.8	1.5	1480	2.5	90
JHLD 65-250B	7.5 10.8 14	2.1 3 3.9	15.3 15 14.4	1.5	1480	2.5	81



品质追求 永无止境

JHL JHLD 型泵性能参数 JHL JHLDJHYYPEPUMPPERFORMANCE

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	扬程	功率	转/分	必需汽蚀余量	kg
JHLD65-315	8.75 12.5 16.3	2.4 3.5 4.5	32 31.5 30.5	4	1480	2.5	124
JHLD65-315A	8.3 11.9 15.5	2.3 3.3 4.3	28.8 28.5 27.5	3	1480	2.5	124
JHLD65-315B	7.85 11.3 14.6	2.2 3.1 4	25.8 25.5 24.5	3	1480	2.5	109
JHLD65-125(I)	17.5 25 32.5	4.86 6.94 9.03	5.5 5 4.25	0.75	1480	3.0	67
JHLD65-160(I)	17.5 25 32.5	4.86 6.94 9.03	8.75 8 7	1.1	1480	3.0	74
JHLD65-200(T)	17.5 25 32.5	4.86 6.94 9.03	13.4 12.5 11.5	2.2	1480	3.0	93
JHLD65-200(I)A	16.4 23.5 30.5	4.56 6.53 8.47	11.8 11 10	1.5	1480	3.0	84
JHLD65-250(I)	17.5 25 32.5	4.86 6.94 9.03	20.8 20 18	3	1480	3.0	122
JHLD65-250(I)A	16.3 23.4 30.5	4.53 6.5 8.47	18.3 17.5 15.8	3	1480	3.0	119
JHLD65-250(I)B	15 21.7 28	4.17 6.03 7.78	15.5 15 13.5	2.2	1480	3.0	109
JHLD65-315(I)	15 25 30	4.17 6.94 8.33	32.5 32 31.5	5.5	1480	3.0	181
JHLD65-315(I)A	14 23 28	3.89 6.39 7.78	28 27.5 26.8	5.5	1480	3.0	177
JHLD65-315(I)B	12.1 20.2 24.3	3.36 5.61 6.75	21.5 21 20.6	3	1480	3.0	162
JHLD80-125	17.5 25 32.5	4.86 6.94 9.03	5.5 5 4.25	0.75	1480	3.0	67
JHLD80-160	17.5 25 32.5	4.86 6.94 9.03	8.75 8 7	1.1	1480	3.0	74
JHLD80-200	17.5 25 32.5	4.86 6.94 9.03	13.4 12.5 11.5	2.2	1480	3.0	93
JHLD80-200A	16.4 23.5 30.5	4.56 6.53 8.47	11.8 11 10	1.5	1480	3.0	84

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	扬程	功率	转/分	必需汽蚀余量	kg
JHLD80-250	17.5 25 32.5	4.86 6.94 9.03	20.8 20 18	3	1480	3.0	122
JHLD80-250A	16.3 23.4 30.5	4.53 6.5 8.47	18.3 17.5 15.8	3	1480	3.0	119
JHLD80-250B	15.5 22.3 29	4.31 6.19 8.06	15.5 15 13.5	3	1480	3.0	115
JHLD80-315	17.5 25 32.5	4.86 6.94 9.03	32.5 32 30.5	5.5	1480	3.0	185
JHLD80-315A	16.3 23.3 30.3	4.53 6.47 8.42	28 27.5 26.8	5.5	1480	3.0	182
JHLD80-315B	15.5 22.3 29	4.31 6.19 8.06	25.5 25 24.5	4	1480	3.0	162
JHLD80-125(I)	35 50 65	9.72 13.9 18.1	5.88 5 3.5	1.5	1480	4.5	88
JHLD80-160(I)	35 50 65	9.72 13 16.8	9.13 8 6	2.2	1480	4.5	100
JHLD80-160(I)A	32.7 46.8 60.5	9.08 13 16.8	8 7 5.3	1.5	1480	4.5	93
JHLD80-200(I)	35 50 65	9.72 13.9 18.1	13.5 12.5 10.5	3	1480	4	124
JHLD80-200(I)A	32.7 46.8 60.5	9.08 13 16.8	11.9 11 9.25	3	1480	4	120
JHLD80-250(I)	35 50 65	9.72 13.9 18.1	21.8 20 17	5.5	1480	4	178
JHLD80-250(I)A	32.7 46.8 60.5	9.08 13 16.8	19 17.5 14.9	4	1480	4	157
JHLD80-250(I)B	30.5 43.5 56.5	8.47 12.0 15.7	16.3 15 12.8	4	1480	4	143
JHLD80-315(I)	35 50 65	9.72 13.9 18.1	33 31.3 28.5	11	1480	4	266
JHLD80-315(I)A	33.3 47.5 61.5	9.25 13.2 17.1	29.8 28.3 25.8	7.5	1480	4	219
JHLD80-315(I)B	31.5 45 58.5	8.75 12.5 16.3	26.5 25.3 23	7.5	1480	4	214

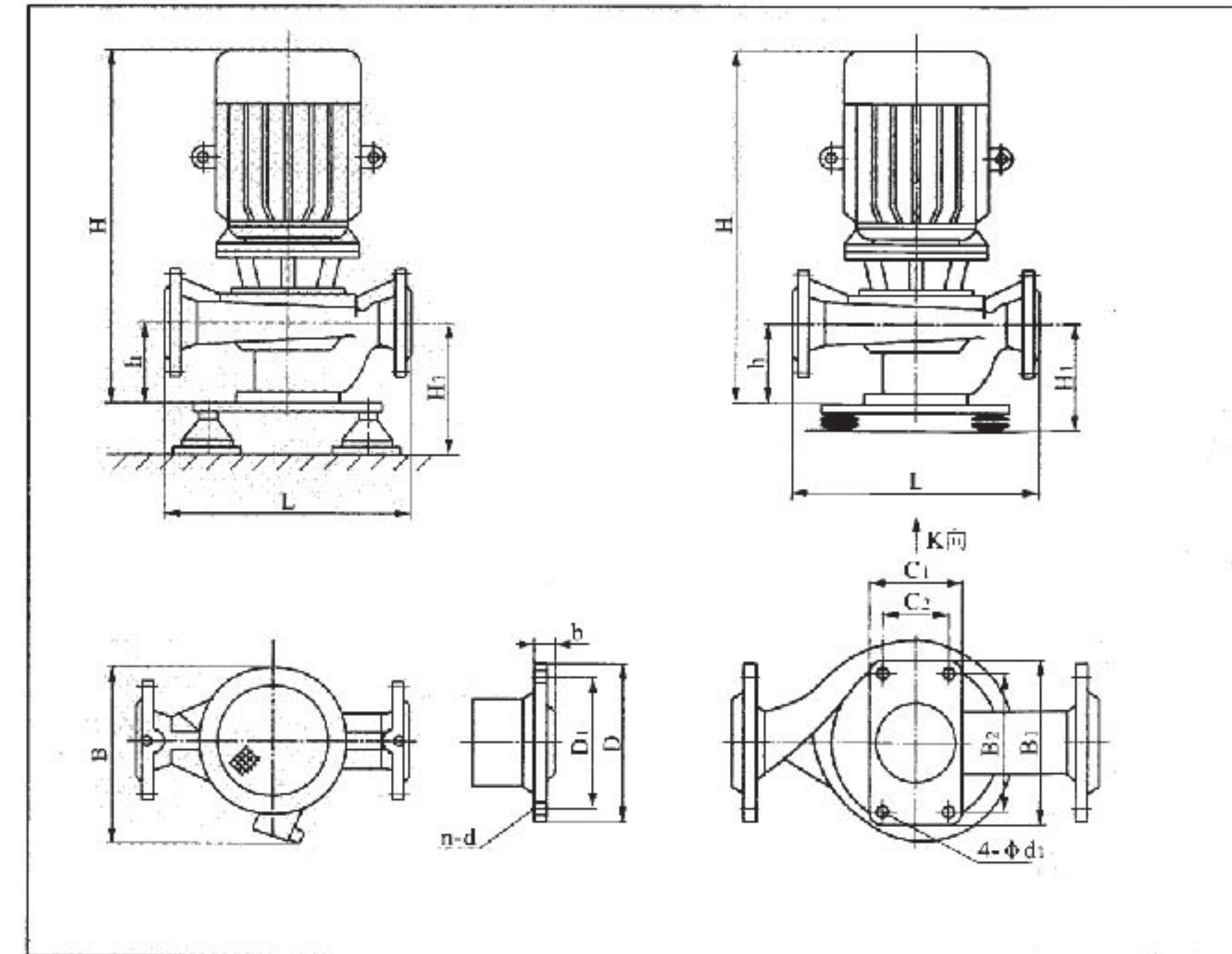


JHL JHLD 型泵性能参数 JHL JHLDJHYYPEPUMPPERFORMANCE

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	(m)	功率	(r/min)	必需汽蚀余量	kg
JHLD100-125	35 50 65	9.72 13.9 18.1	5.88 5 3.5	1.5	1480	4.5	76
JHLD100-160	35 50 65	9.72 13.9 18.1	9.13 8 6	2.2	1480	4.5	43
JHLD100-160A	32.7 46.8 60.5	9.08 13 16.8	8 7 5.3	1.5	1480	4.5	76
JHLD100-200	35 50 65	9.72 13.9 18.1	13.5 12.5 10.5	3	1480	4	109
JHLD100-200A	32.7 46.8 60.5	9.08 13 16.8	11.9 11 9.25	3	1480	4	105
JHLD100-250	35 50 65	9.72 13.9 18.1	21.8 20 17	5.5	1480	4	166
JHLD100-250A	32.7 46.8 60.5	9.08 13 16.8	19 17.5 14.9	4	1480	4	143
JHLD100-250B	30.5 43.5 56.5	8.47 12.1 15.7	16.3 15 12.8	4	1480	4	128
JHLD100-315	35 50 65	9.72 13.9 18.1	33 31.3 28.5	11	1480	4	247
JHLD100-315A	33.3 47.5 61.5	9.25 13.2 17.1	29.8 28.3 25.8	7.5	1480	4	209
JHLD100-315B	31.5 45 58.5	8.75 12.5 16.3	26.5 25.3 23	7.5	1480	4	204
JHLD100-125(I)	48 80 96	13.3 22.2 26.7	5.5 5 4.3	2.2	1480	3	95
JHLD100-160(I)	48 80 96	13.3 22.2 26.7	9 8 7	3	1480	3	100
JHLD100-200(I)	48 80 96	13.3 22.2 26.7	13.8 12.5 11.5	5.5	1480	3	143
JHLD100-200(I)A	45 75 90	12.5 20.8 25	12 11 10	4.0	1480	3	124
JHLD100-250(I)	48 80 96	13.3 22.2 26.7	22 20 18.3	7.5	1480	2.8	181
JHLD100-250(I)A	45 75 90	12.5 20.8 25	19 17.5 16	7.5	1480	2.8	176
JHLD100-250(I)B	41.5 69 83	11.5 19.2 23	16.3 15 13.8	5.5	1480	2.8	166

Type	流量Q		Head	电机	转速	(NPSH)r	重量
型号	(m³/h)	(L/s)	(m)	功率	(r/min)	必需汽蚀余量	kg
JHLD100-315(I)	48 80 96	13.3 22.2 26.7	33.3 32 29.8	15	1480	2.5	280
JHLD100-315(I)A	45 75 90	12.5 20.8 25	29.3 27.5 26	11	1480	2.5	257
JHLD100-315(I)B	43 72 86	11.9 20 23.9	26.5 25 23.8	11	1480	2.5	252
JHLD125-160	48 80 96	13.3 22.2 26.7	9 8 7	3	1480	3	133
JHLD125-200	48 80 96	13.3 22.2 26.7	13.8 12.5 11.5	5.5	1480	3	181
JHLD125-200A	45 75 90	12.5 20.8 25	12.1 11 10.1	4	1480	3	162
JHLD125-250	48 80 96	13.3 22.2 26.7	21.8 20 18.3	7.5	1480	2.8	220
JHLD125-250A	45 75 90	12.5 20.8 25	19 17.5 16	7.5	1480	2.8	215
JHLD125-250B	41.5 69.0 83.0	11.5 19.2 23.1	16.3 15 13.8	5.5	1480	2.8	205
JHLD125-315	48 80 96	13.3 22.2 26.7	33.3 32 29.8	15	1480	2.5	309
JHLD125-315A	45 75 90	12.5 20.8 25	29.3 27.5 26	11	1480	2.5	290
JHLD125-315B	43 71.5 86	11.9 19.9 23.9	26.5 25 23.8	11	1480	2.5	285
JHLD150-250(I)	60 100 120	16.7 27.8 33.3	21.8 20 18	11	1480	4	295
JHLD150-250(I)A	56 93.5 112	15.6 26 31.1	19 17.5 15.8	7.5	1480	4	261
JHLD150-250(I)B	52 86.5 104	14.4 24 28.9	16.3 15 13.5	7.5	1480	4	258
JHLD150-315(I)	60 100 120	16.7 27.8 33.3	33.3 32 30	15	1480	4.0	323
JHLD150-315(I)A	56 93.5 112	15.6 26 31.1	29 27.5 26.3	15	1480	4.0	318
JHLD150-315(I)B	52 86.5 104	14.4 24 28.9	25 23.8 22.8	11	1480	4.0	299

JHL (JHLD) 型泵安装尺寸图 (JHLD)TYPEPUMPDIMENSIONFIGURE



法兰尺寸 Flange dimensions				
DN	D	D1	n-d	b
φ25	φ115	φ85	4-φ14	16
φ32	φ140	φ100	4-φ19	18
φ40	φ150	φ110	4-φ19	18
φ50	φ165	φ125	4-φ19	20
φ65	φ185	φ145	4-φ19	20
φ80	φ200	φ160	8-φ19	22
φ100	φ220	φ180	8-φ19	24
φ125	φ250	φ210	8-φ19	26
φ150	φ285	φ240	8-φ23	26
φ200	φ340	φ295	12-φ23	30
φ250	φ405	φ355	12-φ28	32
φ300	φ460	φ410	12-φ28	32
φ350	φ520	φ470	16-φ28	36
φ400	φ580	φ525	16-φ31	38
φ500	φ715	φ650	20-φ34	42

JHL 型泵安装尺寸表 JHLTYPEPUMPDIMENSIONTABLE

Type	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions					
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		联接板 Connection board	
型号									型号 Type	H1	型号 Type	H1	型号 Type	
15-80	180	133.5	333	40	G1/2	φ12	90×65	70×45	SD41-0.5	60	-	-	-	-
20-110	270	152.5	382	70	G3/4	φ12	110×80	80×50	SD41-0.5	90	-	-	-	-
20-125	260	237.5	425	70	G3/4	φ12	110×80	80×50	SD41-0.5	90	-	-	-	-
20-160	310	257.5	420	70	G3/4	φ12	130×90	100×60	SD41-0.5	85	-	-	-	-
25-110	260	152.5	377	70	φ25	φ12	110×80	80×50	SD41-0.5	85	-	-	-	-
25-125	260	212.5	427	80	φ25	φ12	110×80	80×50	SD41-0.5	90	-	-	-	-
25-125A	260	212.5	427	80	φ25	φ12	110×80	80×50	SD41-0.5	90	-	-	-	-
25-160	300	257.5	440	70	φ25	φ12	130×90	100×60	SD41-0.5	90	-	-	-	-
25-160A	300	237.5	430	70	φ25	φ12	130×90	100×60	SD41-0.5	90	-	-	-	-
32-100	260	152.5	397	80	φ32	φ12	130×90	100×60	SD41-0.5	100	-	-	-	-
32-125	260	237.5	440	80	φ32	φ12	130×90	100×60	SD41-0.5	100	-	-	-	-
32-125A	260	237.5	440	80	φ32	φ12	130×90	100×60	SD41-0.5	100	-	-	-	-
32-160	320	257.5	450	85	φ32	φ14	150×100	120×70	SD41-0.5	155	-	-	SLS-1	-
32-160A	320	237.5	440	85	φ32	φ14	150×100	120×70	SD41-0.5	155	-	-	SLS-1	-
32-200	340	287.5	531	90	φ32	φ14	170×120	130×80	SD41-0.5	165	-	-	SLS-2	-
32-200A	340	257.5	506	90	φ32	φ14	170×120	130×80	SD41-0.5	165	-	-	SLS-2	-
40-100	260	152.5	397	80	φ40	φ14	150×100	120×70	SD41-0.5	155	-	-	SLS-1	-
40-100A	260	152.5	397	80	φ40	φ14	150×100	120×70	SD41-0.5	155	-	-	SLS-1	-
40-125	280	237.5	447	85	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1	-

JHL JHLD 型泵安装尺寸表 JHL JHLTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions				
	L	B	H	h	DN	d1	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		连接板 Connection board		
							型号 Type	H1	型号 Type	H1		型号 Type	
40-125A	280	237.5	447	85	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1
40-160	320	257.5	487	90	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1
40-160A	320	257.5	457	90	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1
40-160B	320	237.5	447	90	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1
40-200	340	310	558	95	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-200A	340	310	558	95	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-200B	340	287.5	538	95	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-250	400	347.5	620	100	φ40	φ14	170×120	130×80	SD41-0.5	170	JG1-2	193	SLS-2
40-250A	400	347.5	620	100	φ40	φ14	170×120	130×80	SD41-0.5	170	JG1-2	193	SLS-2
40-250B	400	347.5	620	100	φ40	φ14	170×120	130×80	SD41-0.5	170	JG1-2	193	SLS-2
40-100(I)	300	237.5	455	100	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-1
40-100(IA)	300	237.5	455	100	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-1
40-125(I)	300	257.5	474	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-1
40-125(IA)	300	237.5	464	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-1
40-160(I)	330	287.5	545	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-160(IA)	330	257.5	510	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-160(IB)	330	257.5	510	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-200(I)	360	247.5	620	100	φ40	φ14	170×120	130×80	SD41-0.5	175	JG1-2	198	SLS-2
40-200(IA)	360	310	565	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-200(IB)	360	287.5	545	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-250(I)	440	432.5	732	100	φ40	φ18	200×140	160×100	SD41-0.5	185	JG2-2	220	SLS-3
40-250(IA)	440	432.5	732	100	φ40	φ18	200×140	160×100	SD41-0.5	185	JG2-2	220	SLS-3
40-250(IB)	440	347.5	632	100	φ40	φ18	200×140	160×100	SD41-0.5	185	JG2-2	220	SLS-3
50-100	290	237.5	460	95	φ50	φ14	150×100	120×70	SD41-0.5	170	-	-	SLS-1
50-100A	290	237.5	460	95	φ50	φ14	150×100	120×70	SD41-0.5	170	-	-	SLS-1
50-125	300	257.5	475	100	φ50	φ14	150×100	120×70	SD41-0.5	175	-	-	SLS-1
50-125A	300	237.5	465	100	φ50	φ14	150×100	120×70	SD41-0.5	175	-	-	SLS-1
50-160	320	287.5	545	100	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-160A	320	257.5	510	100	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-160B	320	257.5	510	100	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-200	360	347.5	620	110	φ50	φ14	170×120	130×80	SD41-0.5	175	JG1-2	198	SLS-2
50-200A	360	310	565	110	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-200B	360	287.5	545	110	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-250	440	432.5	732	110	φ50	φ18	200×140	160×100	SD41-0.5	175	JG2-2	220	SLS-3
50-250A	440	432.5	732	110	φ50	φ18	200×140	160×100	SD41-0.5	175	JG2-2	220	SLS-3
50-250B	440	347.5	632	110	φ50	φ18	200×140	160×100	SD41-0.5	175	JG2-2	220	SLS-3
50-100(I)	320	257.5	485	110	φ50	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
50-100(IA)	320	237.5	475	100	φ50	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
50-125(I)	340	287.5	545	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3

JHL JHLD 型泵安装尺寸表 JHL JHLTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions				
	L	B	H	h	DN	d1	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		连接板 Connection board		
							型号 Type	H1	型号 Type	H1		型号 Type	
50-125(IA)	340	287.5	520	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-160(I)	360	310	567	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-160(IA)	360	310	567	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-160(IA)	360	287.5	547	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-200(I)	380	347.5	635	110	φ50	φ18	200×140	160×100	SD41-1	185	JG2-2	230	SLS-3
50-200(IA)	380	347.5	635	110	φ50	φ18	200×140	160×100	SD41-1	185	JG2-2	230	SLS-3
50-200(IA)	380	347.5	635	110	φ50	φ18	200×140	160×100	SD41-1	185	-	-	SLS-3
50-250(I)	480	432.5	755	120	φ50	φ18	220×160	180×120	SD41-1	195	JG2-2	240	SLS-4
50-250(IA)	480	432.5	755	120	φ50	φ18	220×160	180×120	SD41-1	195	JG2-2	240	SLS-4
50-250(IA)	480	432.5	755	120	φ50	φ18	220×160	180×120	SD41-1	195	JG2-2	240	SLS-4
50-315(I)	550	525	935	130	φ50	φ18	220×160	180×120	SD41-1.5	205	JG2-2	250	SLS-4
50-315(IA)	550	525	935	130	φ50	φ18	220×160	180×120	SD41-1.5	205	JG2-2	250	SLS-4
50-315(IA)	550	475	830	130	φ50	φ18	220×160	180×120	SD41-1.5	205	JG2-2	250	SLS-4
65-100	320	257.5	485	100	φ65	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
65-100A	320	237.5	475	100	φ65	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
65-125	340	287.5	545	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-125A	340	257.5	520	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-160	360	310	567	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-160A	360	310	567	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-160B	360	287.5	547	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-200	380	347.5	635	105	φ65	φ18	200×140	160×100	SD61-0.5	185	JG2-2	230	SLS-3
65-200A	380	347.5	635	105	φ65	φ18	200×140	160×100	SD61-0.5	185	JG2-2	230	SLS-3
65-200B	380	347.5	635	105	φ65	φ18	200×140	160×100	SD61-0.5	185	JG2-2	230	SLS-3
65-250	480	432.5	755	120	φ65	φ18	220×160	180×120	SD61-1	195	JG2-2	240	SLS-4
65-250A	480	432.5	755	120	φ65	φ18	220×160	180×120	SD61-1	195	JG2-2	240	SLS-4
65-250B	480	432.5	755	120	φ65	φ18	220×160	180×120	SD61-0.5	195	JG2-2	240	SLS-4
65-315	550	525	935	130	φ65	φ18	220×160	180×120	SD61-1.5	205	JG2-2	250	SLS-4
65-315A	550	525	935	130	φ65	φ18	220×160	180×120	SD61-1.5	205	JG2-2	250	SLS-4
65-315B	550	475	830	130	φ65	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4
65-100(I)	400	287.5	585	120	φ65	φ18	200×140	160×100	SD61-0.5	195	-	-	SLS-3
65-100(IA)	400	257.5	550	120	φ65	φ18	200×140	160×100	SD61-0.5	195	-	-	SLS-3
65-125(I)	400	347.5	650	125	φ65	φ18	200×140	160×100	SD61-1	205	JG2-2	250	SLS-3
65-125(IA)	400	310	595	125	φ65	φ18	200×140	160×100	SD61-0.5	205	-	-	SLS-3
65-160(I)	400	347.5	650	125	φ65	φ18	200×140	160×100	SD61-1	195	JG2-2	240	SLS-3
65-160(IA)	400	347.5	650	125	φ65	φ18	200×140	160×100	SD61-0.5	195	JG2-2	240	SLS-3
65-160(IA)	400	347.5	650	125	φ65	φ18	200×140	160×100	SD61-0.5	195	JG2-2	240	SLS-3
65-200(I)	430	432.5	765	130	φ65	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3
65-200(IA)	430	432.5	765	130	φ65	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3
65-200(IA)	430	432.5	765	130	φ65	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions					
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		联接板 Connection board	
									型号 Type	H1	型号 Type	H1	型号 Type	H1
65-250(I)	480	475	835	130	φ65	φ18	220×160	180×120	SD61-1.5	205	JG2-2	250	SLS-4	
65-250(I)A	480	432.5	815	130	φ65	φ18	220×160	180×120	SD61-1.5	205	JG2-2	250	SLS-4	
65-250(I)B	480	432.5	770	130	φ65	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4	
65-315(I)	580	582.5	1080	140	φ65	φ22	280×200	220×160	SD61-1.5	215	JG3-2	282	SLS-6	
65-315(I)A	580	525	1030	140	φ65	φ22	280×200	220×160	SD61-1	215	JG3-2	282	SLS-6	
65-315(I)B	580	525	955	140	φ65	φ22	280×200	220×160	SD61-1	215	JG3-2	282	SLS-6	
80-100	400	287.5	580	125	φ80	φ18	200×140	160×100	SD61-0.5	200	-	-	SLS-3	
80-100A	400	257.5	545	125	φ80	φ18	200×140	160×100	SD61-0.5	200	-	-	SLS-3	
80-125	400	347.5	650	130	φ80	φ18	200×140	160×100	SD61-0.5	205	JG2-2	250	SLS-3	
80-125A	400	310	605	130	φ80	φ18	200×140	160×100	SD61-0.5	205	JG2-2	250	SLS-3	
80-160	400	347.5	660	120	φ80	φ18	200×140	160×100	SD61-1	195	JG2-2	240	SLS-3	
80-160A	400	347.5	660	120	φ80	φ18	200×140	160×100	SD61-1	195	JG2-2	240	SLS-3	
80-160B	400	347.5	660	120	φ80	φ18	200×140	160×100	SD61-0.5	195	JG2-2	240	SLS-3	
80-200	430	432.5	765	125	φ80	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3	
80-200A	430	432.5	765	125	φ80	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3	
80-200B	430	432.5	765	125	φ80	φ18	200×140	160×100	SD61-1	200	JG2-2	245	SLS-3	
80-250	480	475	835	130	φ80	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4	
80-250A	480	432.5	815	130	φ80	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4	
80-250B	480	432.5	770	130	φ80	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4	
80-315	580	582.5	1085	140	φ80	φ22	280×200	220×160	SD61-1.5	215	JG3-2	282	SLS-6	
80-315A	580	525	1030	140	φ80	φ22	280×200	220×160	SD61-1	215	JG3-2	282	SLS-6	
80-315B	580	525	1030	140	φ80	φ22	280×200	220×160	SD61-1	215	JG3-2	282	SLS-6	
80-315C	580	525	1030	140	φ80	φ22	280×200	220×160	SD61-1	215	JG3-2	282	SLS-6	
80-350	630	642.5	1210	165	φ80	φ22	280×200	220×160	SD61-1.5	240	JG3-2	307	SLS-6	
80-350A	630	582.5	1110	165	φ80	φ22	280×200	220×160	SD61-1.5	240	JG3-2	307	SLS-6	
80-350B	630	525	1005	165	φ80	φ22	280×200	220×160	SD61-1.5	240	JG3-2	307	SLS-6	
80-100(I)	460	347.5	658	130	φ80	φ18	220×160	180×120	SD61-1	205	JG2-2	250	SLS-4	
80-100(I)A	460	310	603	130	φ80	φ18	220×160	180×120	SD61-0.5	205	-	-	SLS-4	
80-125(I)	450	432.5	793	130	φ80	φ18	220×160	180×120	SD61-1	215	JG2-2	260	SLS-4	
80-125(I)A	450	347.5	693	130	φ80	φ18	220×160	180×120	SD61-1	215	JG2-2	260	SLS-4	
80-160(I)	500	432.5	798	150	φ80	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
80-160(I)A	500	432.5	798	150	φ80	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
80-160(I)B	500	432.5	798	150	φ80	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
80-200(I)	480	475	846	135	φ80	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
80-200(I)A	480	432.5	826	135	φ80	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
80-200(I)B	480	432.5	781	135	φ80	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
80-250(I)	540	525	963	145	φ80	φ18	220×160	180×120	SD61-1	220	JG3-2	287	SLS-4	
80-250(I)A	540	525	963	145	φ80	φ18	220×160	180×120	SD61-1	220	JG3-2	287	SLS-4	
80-250(I)B	540	525	963	145	φ80	φ18	220×160	180×120	SD61-1	220	JG3-2	287	SLS-4	

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions					
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		联接板 Connection board	
									型号 Type	H1	型号 Type	H1	型号 Type	H1
80-315(I)	630	700	1260	160	φ125	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6	
80-315(I)A	630	642.5	1211	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6	
80-315(I)B	630	642.5	1211	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6	
80-315(I)C	630	525	981	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6	
100-100	460	347.5	658	130	φ100	φ18	220×160	180×120	SD61-1	205	-	-	SLS-4	
100-100A	460	310	603	130	φ100	φ18	220×160	180×120	SD61-1	205	-	-	SLS-4	
100-125	450	432.5	793	140	φ100	φ18	220×160	180×120	SD61-1	215	JG2-2	260	SLS-4	
100-125A	450	347.5	693	140	φ100	φ18	220×160	180×120	SD61-1	215	-	-	SLS-4	
100-160	500	432.5	798	150	φ100	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
100-160A	500	432.5	798	150	φ100	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
100-160B	500	432.5	798	150	φ100	φ18	220×160	180×120	SD61-1	225	JG2-2	270	SLS-4	
100-200	480	475	906	135	φ100	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
100-200A	480	432.5	826	135	φ100	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
100-200B	480	432.5	781	135	φ100	φ18	220×160	180×120	SD61-1	210	JG2-2	255	SLS-4	
100-250	540	525	963	145	φ100	φ18	220×160	180×120	SD62-1.5	243	JG2-2	265	SLS-4	
100-250A	540	525	963	145	φ100	φ18	220×160	180×120	SD62-1.5	243	JG2-2	265	SLS-4	
100-250B	540	525	963	145	φ100	φ18	220×160	180×120	SD62-1	243	JG2-2	265	SLS-4	
100-315	630	700	1260	160	φ100	φ22	280×200	220×160	SD62-1.5	258	JG3-2	302	SLS-6	
100-315A	630	642.5	1211	160	φ100	φ22	280×200	220×160	SD62-1.5	258	JG3-2	302	SLS-6	
100-315B	630	642.5	1211	160	φ100	φ22	280×200	220×160	SD62-1.5	258	JG3-2	302	SLS-6	
100-350	680	700	1375	180	φ100	φ22	320×230	280×200	SD62-2	278	JG3-2	322	SLS-10	
100-350A	680	700	1325	180	φ100	φ22	320×230	280×200	SD62-2	278	JG3-2	322	SLS-10	
100-350B	680	700	1325	180	φ100	φ22	320×230	280×200	SD62-2	278	JG3-2	322	SLS-10	
125-100	520	347.5	695	145	φ125	φ22	280×200	220×160	SD62-1	220	JG2-2	265	SLS-6	
125-100A	520	347.5	695	145	φ125	φ22	280×200	220×160	SD62-1	220	JG2-2	265	SLS-6	
125-125	520	432.5	795	145	φ125	φ22	280×200	220×160	SD62-1	220	JG2-2	265	SLS-6	
125-125A	520	432.5	795	145	φ125	φ22	280×200	220×160	SD61-1	220	JG2-2	265	SLS-6	
125-160	520	475	940	165	φ125	φ22	280×200	220×160	SD61-1	240	JG3-2	307	SLS-6	
125-160A	520	432.5	860	165	φ125	φ22	280×200	220×160	SD61-1	240	JG3-2	307	SLS-6	
125-160B	520	432.5	815	165	φ125	φ22	280×200	220×160	SD61-1	240	JG3-2	307	SLS-6	
125-200	690	525	1020	190	φ125	φ22	280×200	220×160	SD61-1	265	JG3-2	332	SLS-6	
125-200A	690	525	1020	190	φ125	φ22	280×200	220×160	SD61-1	265	JG3-2	332	SLS-6	
125-200B	690	475	915	190	φ125	φ22	280×200	220×160	SD61-1	265	JG3-2	332	SLS-6	
125-250	680	642.5	1260	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6	
125-250A	680	582.5	1160	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6	
125-250B	680	525	1105	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6	
125-315	685	700	1390	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12	
125-315A	685	700	1340	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12	
125-315B	685	700	1340	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12	



品质追求 永无止境

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Table with columns: Type, 外形尺寸 (Figure dimensions), 底脚尺寸 (Foot dimensions), and 隔振装置及安装尺寸 (Isolation selection and installing dimensions). Rows include models like 150-125, 150-125A, 150-160, etc.



品质追求 永无止境

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Table with columns: Type, 外形尺寸 (Figure dimensions), 底脚尺寸 (Foot dimensions), and 隔振装置及安装尺寸 (Isolation selection and installing dimensions). Rows include models like 200-200(I), 200-200(I)A, 200-250(I), etc.



品质追求 永无止境

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions				
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		连接板 Connection board
									型号 Type	H1	型号 Type	H1	型号 Type
300-315	1200	761	1610	380	φ300	φ26	500×400	450×350	SD62-2	478	JG4-2	568	SLS-16
300-315A	1200	761	1555	380	φ300	φ26	500×400	450×350	SD62-2	478	JG4-2	568	SLS-16
300-315B	1200	749	1470	380	φ300	φ26	500×400	450×350	SD62-1.5	478	JG4-2	568	SLS-16
300-400	1310	927	1800	360	φ300	φ26	530×480	480×430	SD62-2	458	JG4-2	548	SLS-18
300-400A	1310	761	1610	360	φ300	φ26	530×480	480×430	SD62-2	458	JG4-2	548	SLS-18
300-390	1250	761	1632	380	φ300	φ26	500×450	450×400	SD63-2	501	JG4-2	568	SLS-17
300-390A	1250	761	1567	380	φ300	φ26	500×450	450×400	SD63-1.5	501	JG4-2	568	SLS-17
300-390B	1250	749	1382	380	φ300	φ26	500×450	450×400	SD63-1.5	501	JG4-2	568	SLS-17
300-480	1360	927	1812	370	φ300	φ26	500×400	430×330	SD63-2	491	JG4-2	558	SLS-15
300-480A	1360	761	1622	370	φ300	φ26	500×400	430×330	SD63-2	491	JG4-2	558	SLS-15
300-480B	1360	761	1557	370	φ300	φ26	500×400	430×330	SD63-2	491	JG4-2	558	SLS-15
300-500	1420	1055	2015	400	φ300	φ26	550×480	480×430	SD62-2.5	498	JG4-2	588	SLS-18
300-500A	1420	982	1780	400	φ300	φ26	550×480	480×430	SD62-2.5	498	JG4-2	588	SLS-18
300-500B	1420	982	1780	400	φ300	φ26	550×480	480×430	SD62-2.5	498	JG4-2	588	SLS-18
300-500C	1420	982	1670	400	φ300	φ26	550×480	480×430	SD62-2.5	498	JG4-2	588	SLS-18
350-235	1300	750	1335	360	φ350	φ26	500×450	450×400	SD62-1.5	458	JG4-2	548	SLS-17
350-300	1300	761	1545	360	φ350	φ26	500×450	450×400	SD62-1.5	458	JG4-2	548	SLS-17
350-315	1300	761	1605	360	φ350	φ26	500×450	450×400	SD62-2	458	JG4-2	548	SLS-17
350-400	1400	927	1960	400	φ350	φ26	500×450	450×400	SD62-2.5	498	JG4-2	588	SLS-17
350-450	1470	960	1790	430	φ350	φ26	500×450	450×400	SD62-2.5	528	JG4-2	618	SLS-17
350-450A	1470	960	1680	430	φ350	φ26	500×450	450×400	SD62-2.5	528	JG4-2	618	SLS-17
350-525	1510	1055	2020	430	φ350	φ26	550×480	480×430	SD62-2.5	528	JG4-2	618	SLS-18
350-525A	1510	960	1790	430	φ350	φ26	550×480	480×430	SD62-2.5	528	JG4-2	618	SLS-18
350-525B	1510	960	1790	430	φ350	φ26	550×480	480×430	SD62-2.5	528	JG4-2	618	SLS-18
350-600	1570	1055	2050	450	φ350	φ26	550×480	480×430	SD62-4	548	JG4-2	638	SLS-18
350-600A	1570	1055	2050	450	φ350	φ26	550×480	480×430	SD62-4	548	JG4-2	638	SLS-18
350-600B	1570	1055	1845	450	φ350	φ26	550×480	480×430	SD62-4	548	JG4-2	638	SLS-18
400-300	1350	761	1656	400	φ400	φ26	500×450	450×400	SD62-2.5	498	JG4-2	588	SLS-17
400-315	1350	927	1926	380	φ400	φ26	500×450	480×400	SD62-2.5	478	JG4-2	568	SLS-19
400-450	1480	1055	1890	480	φ400	φ26	550×480	480×430	SD62-4	578	JG4-2	668	SLS-18
400-450A	1480	960	1660	480	φ400	φ26	550×480	480×430	SD62-4	578	JG4-2	668	SLS-18
400-500	1750	1055	2095	480	φ400	φ26	550×480	480×430	SD62-4	578	JG4-2	668	SLS-18
400-500A	1750	1055	2095	480	φ400	φ26	550×480	480×430	SD62-4	578	JG4-2	668	SLS-18
400-500B	1750	1055	2095	480	φ400	φ26	550×480	480×430	SD62-4	578	JG4-2	668	SLS-18
500-300	1500	927	1885	425	φ500	φ26	550×480	480×430	SD62-2.5	523	JG4-2	613	SLS-18
500-315	1500	927	1985	420	φ500	φ26	550×480	480×430	SD62-2.5	518	JG4-2	608	SLS-18



品质追求 永无止境

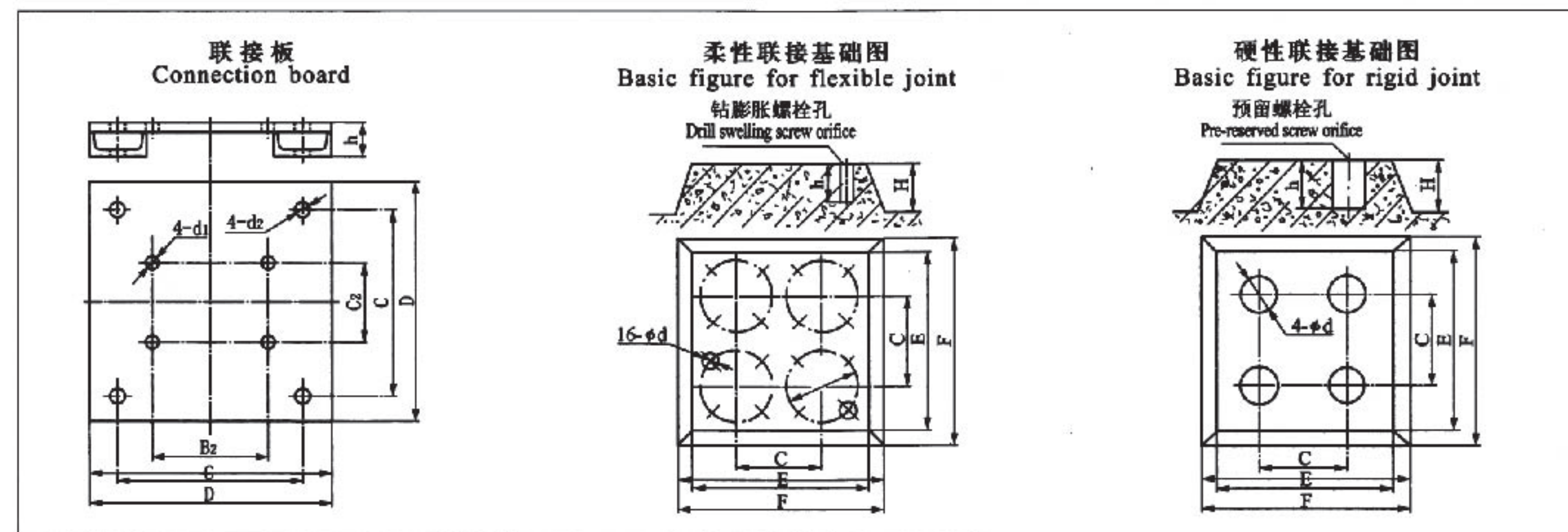
JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions				
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad		隔振器 Vibration isolator		连接板 Connection board
									型号 Type	H1	型号 Type	H1	型号 Type
40-160	320	160.5	404	90	φ40	φ14	150×100	120×70	SD41-0.5	160	-	-	SLS-1
40-200	340	237.5	463	95	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-250	400	267.5	480	100	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-250A	400	255	470	100	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-250B	400	255	470	100	φ40	φ14	170×120	130×80	SD41-0.5	170	-	-	SLS-2
40-125(I)	300	160.5	421	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-1
40-160(I)	330	237.5	470	100	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-200(I)	360	241	470	110	φ40	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
40-250(I)	440	309	532	110	φ40	φ18	200×140	160×100	SD41-0.5	185	-	-	SLS-3
40-250(I)A	440	309	502	110	φ40	φ18	200×140	160×100	SD41-0.5	185	-	-	SLS-3
40-250(I)B	440	309	502	110	φ40	φ18	200×140	160×100	SD41-0.5	185	-	-	SLS-3
50-125	300	160.5	422	100	φ50	φ14	150×100	120×70	SD41-0.5	175	-	-	SLS-1
50-160	320	237.5	470	100	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-200	360	241	470	110	φ50	φ14	170×120	130×80	SD41-0.5	175	-	-	SLS-2
50-250	440	309	532	110	φ50	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
50-250A	440	309	502	110	φ50	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
50-250B	440	309	502	110	φ50	φ18	200×140	160×100	SD41-0.5	175	-	-	SLS-3
50-125(I)	340	237.5	480	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-160(I)	380	237.5	472	105	φ50	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
50-200(I)	380	257.5	495	110	φ50	φ18	200×140	160×100	SD41-0.5	185	-	-	SLS-3
50-200(I)A	380	257.5	495	110	φ50	φ18	200×140	160×100	SD41-0.5	185	-	-	SLS-3
50-250(I)	480	305	560	120	φ50	φ18	220×160	180×120	SD41-0.5	195	-	-	SLS-4
50-250(I)A	480	292	535	120	φ50	φ18	220×160	180×120	SD41-0.5	195	-	-	SLS-4
50-250(I)B	480	292	535	120	φ50	φ18	220×160	180×120	SD41-0.5	195	-	-	SLS-4
50-315(I)	550	327	600	130	φ50	φ18	220×160	180×120	SD41-1	205	JG2-2	250	SLS-4
50-315(I)A	550	292	545	130	φ50	φ18	220×160	180×120	SD41-1.5	205	JG2-2	250	SLS-4
50-315(I)B	550	292	545	130	φ50	φ18	220×160	180×120	SD41-1.5	205	JG1-2	250	SLS-4
65-125	340	237.5	480	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-160	360	237.5	472	105	φ65	φ18	200×140	160×100	SD41-0.5	180	-	-	SLS-3
65-200	380	257.5	495	105	φ65	φ18	200×140	160×100	SD61-0.5	185	-	-	SLS-3
65-200A	380	257.5	495	105	φ65	φ18	200×140	160×100	SD61-0.5	185	-	-	SLS-3
65-250	480	305	560	120	φ65	φ18	220×160	180×120	SD61-0.5	195	JG2-2	240	SLS-4
65-250A	480	292	535	120	φ65	φ18	220×160	180×120	SD61-0.5	195	JG2-2	240	SLS-4
65-250B	480	292	535	120	φ65	φ18	220×160	180×120	SD61-0.5	195	-	-	SLS-4
65-315	550	327	600	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-315A	550	292	545	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-315B	550	292	545	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-125(I)	400	237.5	510	125	φ65	φ18	200×140	160×100	SD61-0.5	205	-	-	SLS-3
65-160(I)	400	257.5	510	125	φ65	φ18	200×140	160×100	SD61-0.5	195	-	-	SLS-3
65-200(I)	430	287.5	570	130	φ65	φ18	200×140	160×100	SD61-0.5	200	-	-	SLS-3
65-200(I)A	430	257.5	545	130	φ65	φ18	200×140	160×100	SD61-0.5	200	-	-	SLS-3
65-250(I)	480	287.5	585	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-250(I)A	480	287.5	585	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-250(I)B	480	287.5	585	130	φ65	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
65-315(I)	580	347.5	680	140	φ65	φ18	280×200	220×160	SD61-0.5	215	JG2-2	260	SLS-6
65-315(I)A	580	347.5	680	140	φ65	φ18	280×200	220×160	SD61-0.5	215	JG2-2	260	SLS-6
65-315(I)B	580	310	595	140	φ65	φ18	280×200	220×160	SD61-0.5	215	JG2-2	260	SLS-6
80-125	400	237.5	510	130	φ80	φ18	200×140	160×100	SD61-0.5	205	-	-	SLS-3
80-160	400	257.5	510	120	φ80	φ18	200×140	160×100	SD61-0.5	195	-	-	SLS-3
80-200	430	287.5	570	125	φ80	φ18	200×140	160×100	SD61-0.5	200	-	-	SLS-3
80-200A	430	257.5											

JHL JHLD 型泵安装尺寸表 JHL JHLDTYPEPUMPDIMENSIONTABLE

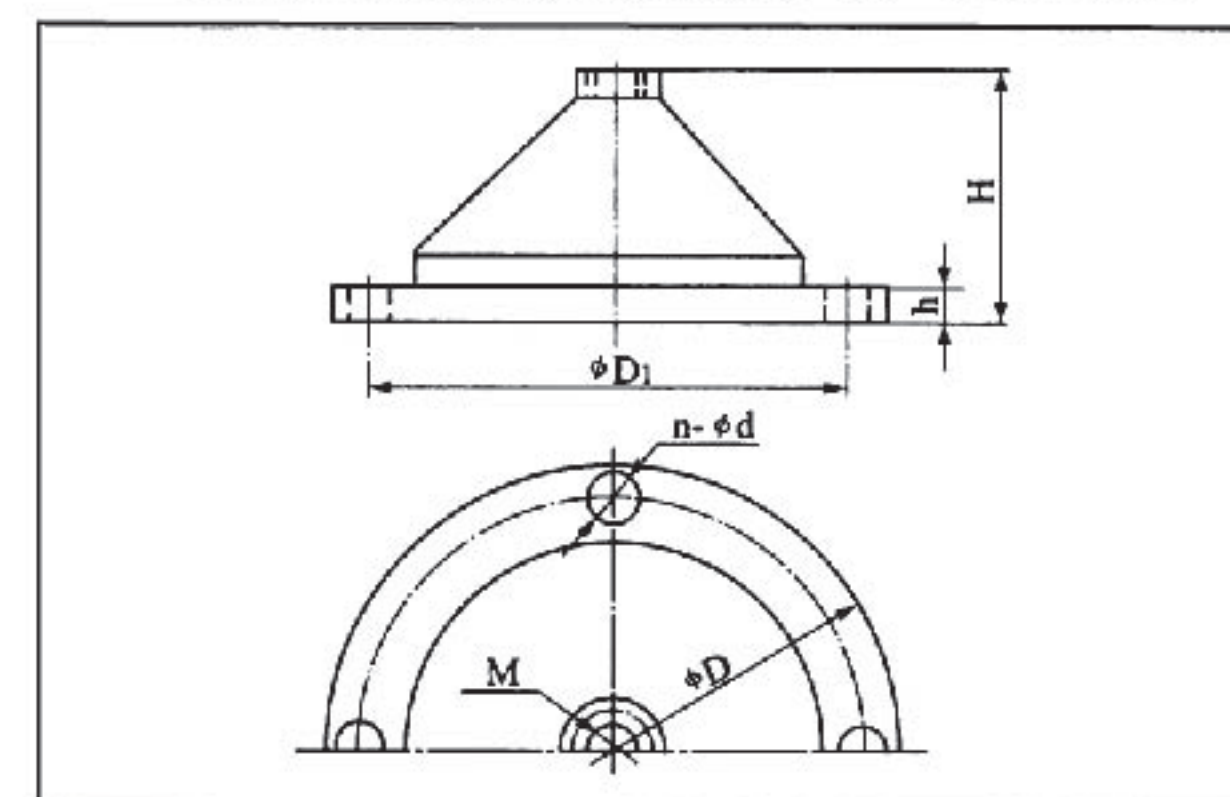
Type 型号	外形尺寸 Figure dimensions					底脚尺寸 Foot dimensions			隔振装置及安装尺寸 Isolation selection and installing dimensions				
	L	B	H	h	DN	d1	B1×C1	B2×C2	隔振垫 Vibration isolated pad 型号 Type	隔振器 Vibration isolator 型号 Type	隔振器 Vibration isolator H1	联接板 Connection board 型号 Type	
80-250A	480	287.5	585	130	φ80	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
80-250B	480	287.5	585	130	φ80	φ18	220×160	180×120	SD61-0.5	205	JG2-2	250	SLS-4
80-315	580	347.5	680	140	φ80	φ18	280×200	220×160	SD61-0.5	215	JG3-2	282	SLS-6
80-315A	580	347.5	680	140	φ80	φ18	280×200	220×160	SD61-0.5	215	JG3-2	282	SLS-6
80-315B	580	332	615	140	φ80	φ18	280×200	220×160	SD61-0.5	215	JG3-2	282	SLS-6
80-125(I)	450	292	573	130	φ80	φ18	220×160	180×120	SD61-0.5	215	-	-	SLS-4
80-160(I)	500	305	603	150	φ80	φ18	220×160	180×120	SD61-0.5	225	-	-	SLS-4
80-160(I)A	500	292	578	150	φ80	φ18	220×160	180×120	SD61-0.5	225	-	-	SLS-4
80-200(I)	480	304.5	596	135	φ80	φ18	220×160	180×120	SD61-0.5	210	JG2-2	255	SLS-4
80-200(I)A	480	304.5	596	135	φ80	φ18	220×160	180×120	SD61-0.5	210	JG2-2	255	SLS-4
80-250(I)	540	378	683	145	φ100	φ18	220×160	180×120	SD61-0.5	220	JG3-2	287	SLS-4
80-250(I)A	540	363	628	145	φ100	φ18	220×160	180×120	SD61-0.5	220	JG3-2	287	SLS-4
80-250(I)B	540	363	628	145	φ100	φ18	220×160	180×120	SD61-0.5	220	JG3-2	287	SLS-4
80-315(I)	630	432.5	811	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6
80-315(I)A	630	369	741	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6
80-315(I)B	630	369	741	160	φ80	φ22	280×200	220×160	SD61-1	235	JG3-2	302	SLS-6
100-125	450	292	573	140	φ100	φ18	220×160	180×120	SD61-0.5	215	-	-	SLS-4
100-160	500	305	603	150	φ100	φ18	220×160	180×120	SD61-0.5	225	-	-	SLS-4
100-160A	500	292	578	150	φ100	φ18	220×160	180×120	SD61-0.5	225	-	-	SLS-4
100-200	480	304.5	596	135	φ100	φ18	220×160	180×120	SD61-0.5	210	-	-	SLS-4
100-200A	480	304.5	596	135	φ100	φ18	220×160	180×120	SD61-0.5	210	-	-	SLS-4
100-250	540	378	683	145	φ100	φ18	220×160	180×120	SD62-1	243	JG2-2	265	SLS-4
100-250A	540	363	628	145	φ100	φ18	220×160	180×120	SD62-1	243	JG2-2	265	SLS-4
100-250B	540	363	628	145	φ100	φ18	220×160	180×120	SD62-1	243	JG2-2	265	SLS-4
100-315	630	432.5	811	160	φ100	φ22	280×200	220×160	SD62-1	258	JG3-2	302	SLS-6
100-315A	630	369	741	160	φ100	φ22	280×200	220×160	SD62-1	258	JG2-2	302	SLS-6
100-315B	630	369	741	160	φ100	φ22	280×200	220×160	SD62-1	258	JG2-2	302	SLS-6
100-125(I)	520	302	600	145	φ100	φ22	280×200	220×160	SD61-1	220	-	-	SLS-6
100-160(I)	520	333	630	165	φ100	φ22	280×200	220×160	SD61-1	240	JG3-2	307	SLS-6
100-200(I)	690	412	737	190	φ100	φ22	260×220	220×160	SD61-1	265	JG3-2	332	SLS-6
100-200(I)A	690	412	672	190	φ100	φ22	260×220	220×160	SD61-1	265	-	-	SLS-6
100-250(I)*	680	386.5	790	200	φ100	φ22	260×220	220×160	SD62-1	298	JG3-2	342	SLS-6
100-250(I)A	680	386.5	790	200	φ100	φ22	260×220	220×160	SD62-1	298	JG3-2	342	SLS-6
100-250(I)B	680	386.5	750	200	φ100	φ22	260×220	220×160	SD62-1	298	JG3-2	342	SLS-6
100-315(I)	685	450	893	195	φ100	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
100-315(I)A	685	450	848	195	φ100	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
100-315(I)B	685	450	848	195	φ100	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
125-160	520	333	630	165	φ125	φ22	280×200	220×160	SD62-1	240	-	-	SLS-6
125-200	690	412	737	190	φ125	φ22	280×200	220×160	SD61-1	265	JG2-2	310	SLS-6
125-200A	690	412	672	190	φ125	φ22	280×200	220×160	SD61-1	265	JG2-2	310	SLS-6
125-250	680	386.5	790	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6
125-250A	680	386.5	790	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6
125-250B	680	386.5	750	200	φ125	φ22	280×200	220×160	SD62-1	298	JG3-2	342	SLS-6
125-315	685	450	893	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
125-315A	685	450	848	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
125-315B	685	450	848	195	φ125	φ22	345×295	300×250	SD62-1	293	JG3-2	337	SLS-12
150-250(I)	700	449	850	195	φ150	φ22	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8
150-250(I)A	700	412	790	195	φ150	φ22	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8
150-250(I)B	700	412	790	195	φ150	φ22	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8
150-315(I)	770	479.5	905	195	φ150	φ26	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8
150-315(I)A	770	479.5	905	195	φ150	φ26	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8
150-315(I)B	770	479.5	860	195	φ150	φ26	310×260	260×210	SD62-1	293	JG3-2	337	SLS-8

JHL (JHLD) 型泵附件及安装基础图表 JHL (JHLD) TYPEPUMPDIMENSIONFIGURE



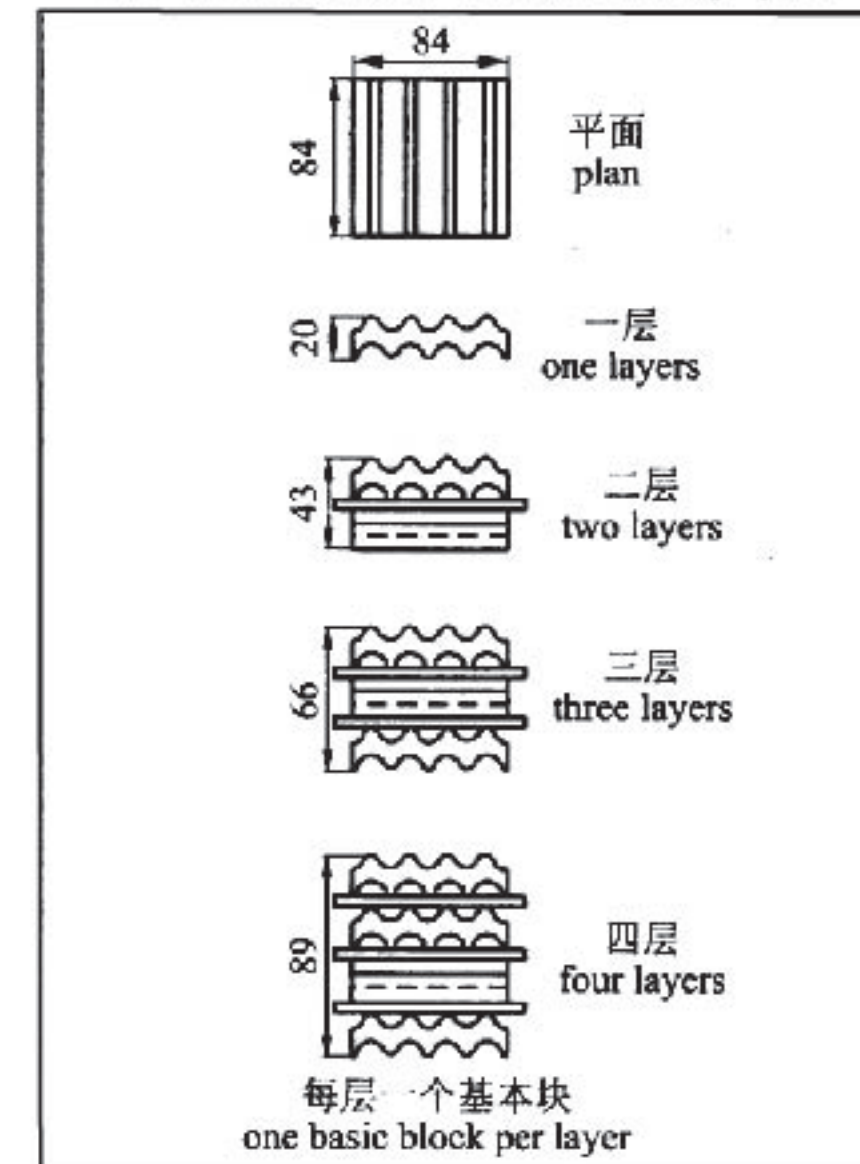
型号 Type	联接板尺寸 Connection board dimensions						柔性联接基础尺寸 Basic dimensions for flexible joint						硬性联接基础尺寸 Basic dimensions for rigid joint						
	B2×C2	C×C	D×D	h	d1	d	H	E	F	C	φD	φd	h	H	E	F	C	φd	h
SLS-1	120×70	240×240	300×300	55	φ14	φ12	200	450	500	240	/	/	/	100	450	500	240	60	200
SLS-2	130×80	240×240	300×300	55	φ14	φ12	200	450	500	240	/	/	/	100	450	500	240	60	200
SLS-3	160×100	340×340	400×400	55	φ18	φ14	250	650	700	340	φ14.5	60	150	650	700	340	80	250	
SLS-4	180×120	340×340	400×400	55	φ18	φ14	250	650	700	340	φ14.5	60	150	650	700	340	80	250	
SLS-5	200×140	340×340	400×400	55	φ22	φ18	250	650	700	340	φ14.5	60	150	650	700	340	80	250	
SLS-6	220×160	340×340	400×400	55	φ22	φ18	250	650	700	340	φ14.5	60	150	650	700	340	80	250	
SLS-7	240×120	340×340	400×400	55	φ22	φ18	250	650	700	340	φ14.5	60	150	650	700	340	80	250	
SLS-8	260×210	440×440	500×500	55	φ22	φ18	300	750	800	440	φ14.5	60	200	750	800	440	80	250	
SLS-9	280×190	440×440	500×500	55	φ22	φ18	300	750	800	440	φ14.5	60	200	750	800	440	80	250	
SLS-10	280×200	440×440	500×500	55	φ22	φ18	300	750	800	440	φ14.5	60	200	750	800	440	80	250	
SLS-11	280×230	440×440	500×500	55	φ22	φ18	300	750	800	440	φ14.5	60	200	750	800	440	80	250	
SLS-12	300×250	540×540	600×600	55	φ22	φ18	300	850	950	540	φ14.5	60	200	850	950	540	80	250	
SLS-13	350×300	540×540	600×600	55	φ22	φ18	300	850	950	540	φ14.5	60	200	850	950	540	80	250	
SLS-14	400×300	740×740	800×800	55	φ26	φ22	350	1000	1100	740	φ14.5	60	250	1000	1100	740	80	300	
SLS-15	430×330	740×740	800×800	55	φ26	φ22	350	1000	1100	740	φ14.5	60	250	1000	1100	740	80	300	
SLS-16	450×350	740×740	800×800	55	φ26	φ22	350	1000	1100	740	φ14.5	60	250	1000	1100	740	80	300	
SLS-17	450×400	740×740	800×800	55	φ26	φ22	350	1000	1100	740	φ14.5	60	250	1000	1100	740	80	300	
SLS-18	480×430	840×840	900×900	55	φ26	φ22	350	1200	1300	840	φ14.5	60	250	1200	1300	840	80	300	
SLS-19	480×400	740×740	800×800	55	φ26	φ22	350	1000	1100	740	φ14.5	60	250	1000	1100	740	80	300	

JG 型隔振器安装尺寸  
Installation dimensions for vibration

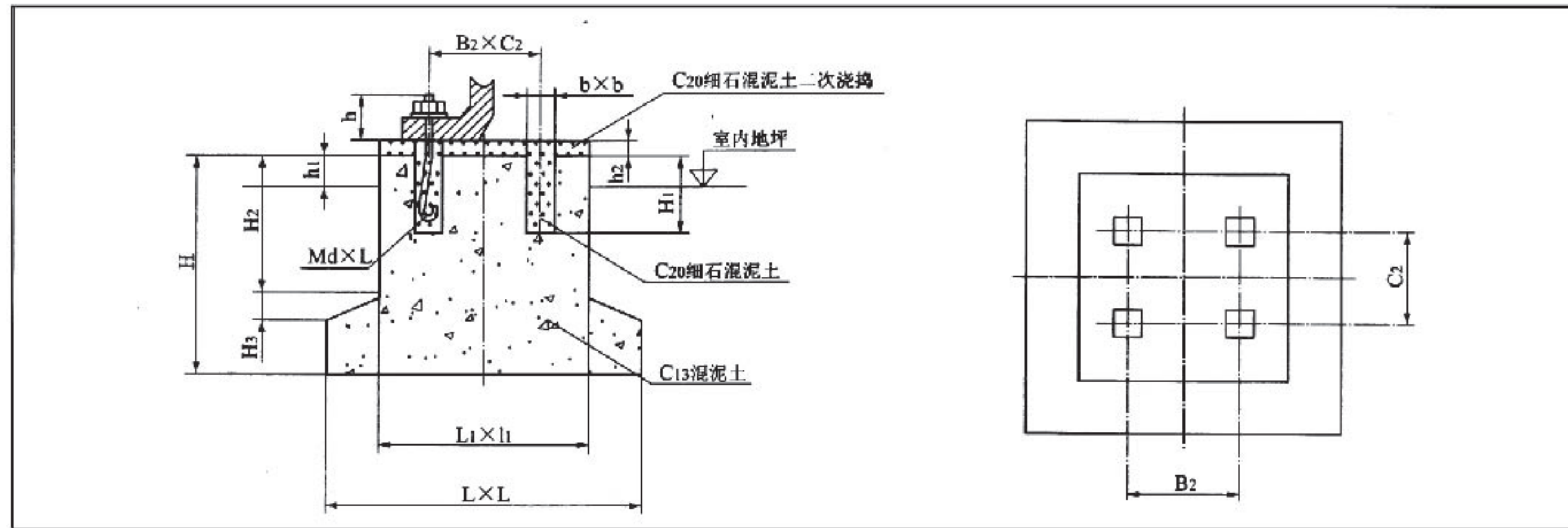


型号 Type	M	D	D1	h	d	n
JG1-2	M10	100	80	43	8.5	4
JG2-2	M12	150	130	65	8.5	4
JG3-2	M16	200	170	87	12.5	4
JG4-2	M20	290	260	133	12.5	4

SD 隔振垫  
SD Vibration-insulating pad



JHL (JHLD) 型泵无隔振安装基础图 JHLD (JHLD) INSTALLATION BASIC DRAWING FOR KS L TYPE PUMP NON-ISOLATION



超过 500 公斤重量水泵无隔振基础尺寸表 TABLE OF BASIC DIMENSION FOR OVER-500KG NON-ISOLATION WATER PUMP

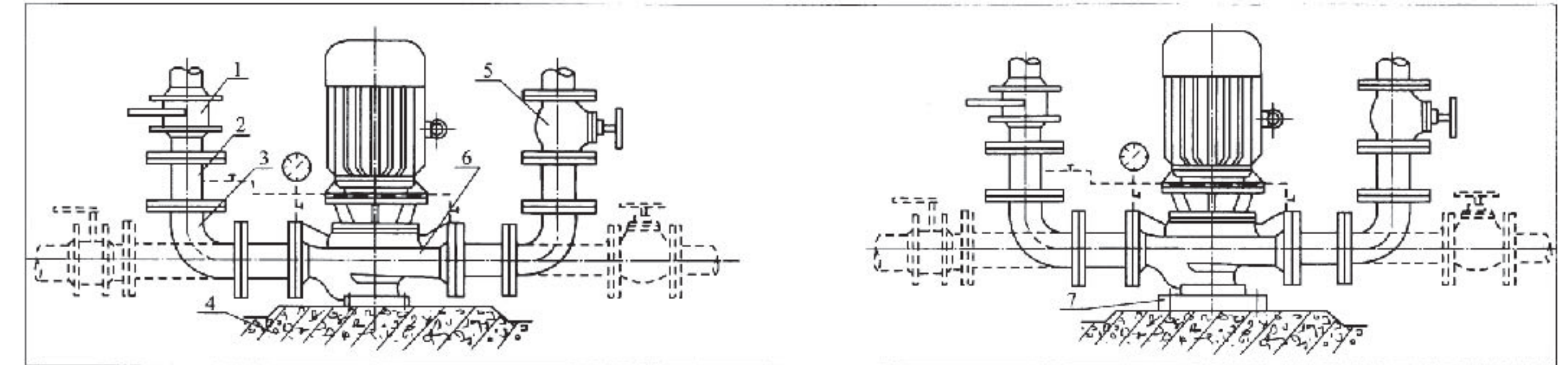
水泵型号 Type	B <sub>2</sub>	C <sub>2</sub>	b	L	L <sub>1</sub>	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	h	h <sub>1</sub>	h <sub>2</sub>	Md x L
80-315(I)	220	160	100	850	650	880	600	745	80	65	50	50	M20 x 600
100-315	220	160	100	850	650	880	600	745	80	65	50	50	M20 x 600
100-350	280	200	100	900	730	880	600	765	80	70	50	50	M20 x 600
125-250	220	160	100	850	650	880	600	745	80	65	50	50	M20 x 600
125-315	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
150-250(I)	260	210	100	900	700	880	600	765	80	65	50	50	M20 x 600
150-315(I)	260	210	100	900	700	880	600	765	80	65	50	50	M20 x 600
150-350	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
150-400	260	210	100	900	700	880	600	765	80	65	50	50	M20 x 600
200-315	260	210	100	900	700	880	600	765	80	65	50	50	M20 x 600
200-400	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
200-200(I)	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
200-250(I)	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
200-315(I)	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
200-400(I)	300	250	100	950	750	880	600	765	80	65	50	50	M20 x 600
250-250	350	300	100	1000	800	880	600	765	80	65	50	50	M20 x 600
250-250(I)	350	300	100	1000	800	880	600	765	80	65	50	50	M20 x 600
250-235	350	300	100	1000	800	880	600	765	80	65	50	50	M20 x 600
250-315	350	300	100	1000	800	880	600	765	80	65	50	50	M20 x 600
250-400	430	330	120	1100	850	1100	600	765	80	90	50	50	M24 x 600
250-500	450	350	120	1200	900	1100	600	845	90	100	50	50	M24 x 600
300-235	400	300	120	1100	850	880	600	765	80	90	50	50	M24 x 600
300-250	400	300	120	1100	850	880	600	765	80	90	50	50	M24 x 600
300-300	430	330	120	1100	850	1100	600	765	80	90	50	50	M24 x 600
300-315	450	350	120	1200	900	1100	600	845	90	100	50	50	M24 x 600
300-400	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
300-390	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
300-480	430	330	120	1100	850	1100	600	765	80	90	50	50	M24 x 600
300-500	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
350-235	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
350-300	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
350-315	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
350-400	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
350-450	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
350-525	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
350-600	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
400-300	450	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
400-315	480	400	120	1200	900	1100	600	915	90	120	50	50	M24 x 600
400-450	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
400-500	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
500-300	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600
500-315	480	430	120	1400	1000	1400	600	915	100	120	50	50	M24 x 600

泵的安装方式 INSTALLATION METHODS FOR PUMP

一. 硬性联接 Rigid joint

1. 直接安装  
Direct mounting

2. 联接板安装  
Mounted with connection board

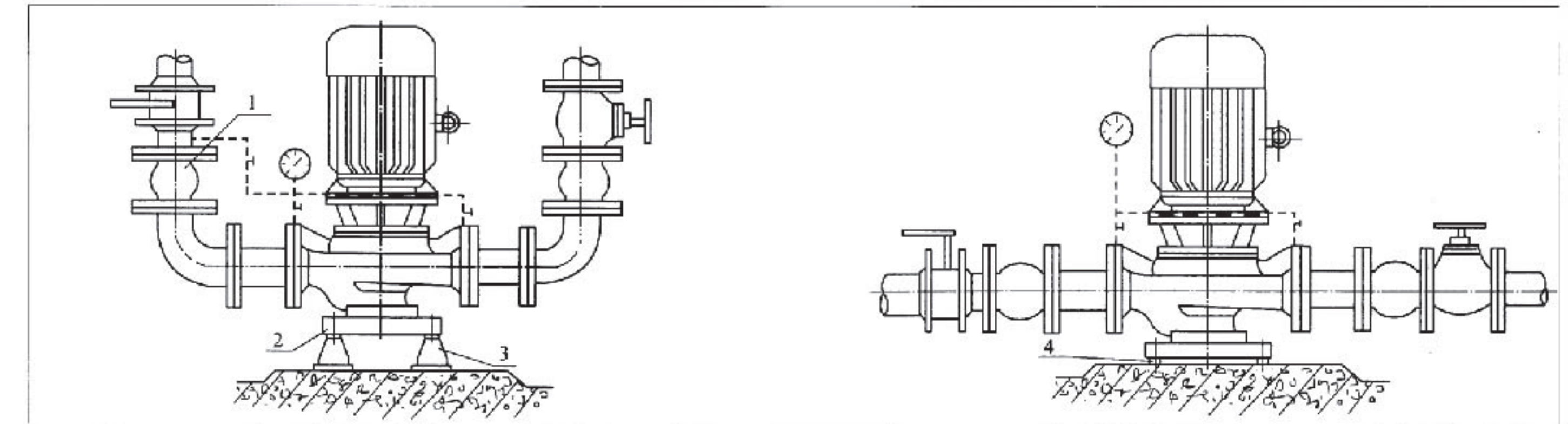


1. 进口阀门 inlet valve 2. 取压直管 pressure-picking straight tube 3. 弯管 bent tube 4. 水泥浇注基础 adpoe cement pouring basement 5. 出口阀门 outlet valve 6. 泵 pump 7. 联接板 connection board

二. 柔性联接 Soft joint

1. 配联接板, 加隔振器安装  
Mounted with connection board and vibration isolator

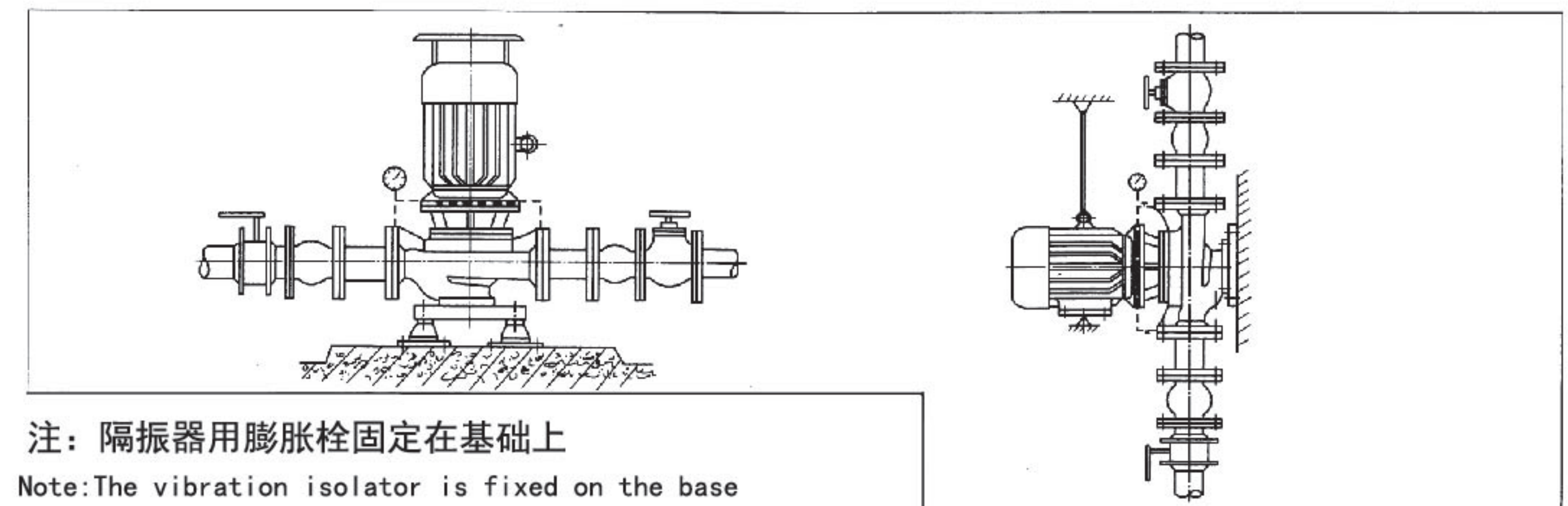
2. 配联接板加隔振垫安装  
Mounted with connection board and vibration-insulating pad



1. 挠性接头 flexible joint 2. 联接板 connection board 3. JG 型隔振器 JG vibration isolator 4. SD 型隔振垫 SD vibration-insulating pads

3. 户外使用, 采用 IP54 电机 (户外型)  
For outdoor usage doapt IP54 motor (outdoor type)

4. 悬臂卧式使用安装  
Partial usage projects



注: 隔振器用膨胀栓固定在基础上  
Note: The vibration isolator is fixed on the base by the help of expansion screws

## 泵的安装说明 ERECTION OF THE PUMP

1. 安装时管路重量不应承受在泵上，否则易损坏水泵；
2. 泵与电机是整体结构，出厂时已由厂家校正，安装时无需调整，因此安装十分方便；
3. 安装时必须拧紧地脚螺栓，且每隔一定时段应对其进行检查，防止其松动，以免水泵启动时发生振动而影响泵的性能；
4. 安装水泵前应仔细检查泵流道内有无影响水泵运行的硬物（如石块、铁砂等），以免水泵运行时损坏过流部件；
5. 为了维修方便及安全使用，在泵的进出口管路上安装一只调节阀及在泵出口附近安装一只压力表，对于高扬程泵，为防止水锤，还应在出 F1 闸阀前安装一只止回阀以应付突然断电等失去动力事故，从而确保水泵在最佳工况下运行，延长水泵的使用寿命；
6. 泵用于有吸程场合，应装有底阀，且进口管不应有过多弯头，同时不得有漏水、漏气现象，以免影响水泵的吸入性能；
7. 为不使杂质进入泵内而堵塞流道，应在泵进口前安装过滤器；
8. 安装管路前转动水泵的转子部件，应无摩擦声或卡死现象，否则应将泵拆开检查原因。

1. Do not let the pump subjected to the pipeline weight in erection, or it may be easy to be made damaged;

2. Both pump and motor are integrally structured and calibrated by the manufacturer, so there is no need to adjust them, leaving a very convenient erection;

3. Tighten the foot bolts in erection and periodically check the pump to prevent it from being loose and its performance from being affected due to the vibration at the starting off;

4. Prior to erection, carefully check if there is any hard matters (such as stones, iron sand etc.) inside of the flow line of the pump which may affect its running to prevent its flowing parts from being damaged during its running;

5. For an easy service and safe use, mount an adjusting Valve on both inlet and outlet pipelines and a piezometer near the inlet. For the pump with a high head also mount a check valve before the gate valve on the outlet to meet with the power loss accidents like an abrupt power-off etc. So as to make sure of the Pump to run in the best working conditions to extend its duration;

6. A foot valve should be mounted in case of the pump to be used in the occasion with a suction stroke and there should not be too many elbows with the inlet pipe and any water and air leaks to avoid its performance of suction being affected;

7. A filter should be mounted before the pump inlet so as not to let any foreign matters into the pump.

8. Before mounting the pipeline, move the pump's rotor and there should be no friction sound or block-up, otherwise the pump has to be removed to check and find the causes;

## 泵的启动与停车 START AND STOP OF THE PUMP

### 启动前的准备

1. 用手拨转电机风叶，叶轮应转动灵活，无卡擦现象；
2. 全开进口阀门，打开排气阀使液体充满泵腔，然后关闭排气阀；
3. 检查各部位是否正常：轴承是否润滑良好，各部位螺栓是否紧固，吸入管是否通畅等；
4. 如介质温度较高则应进行预热，升温速度为  $50^{\circ}\text{C} / 11$ ，以确保各部位受热均匀。

### 启动与运行

1. 全开进口阀门，关闭吐出管路阀门。
2. 启动电机；（注意旋向是否正确）
3. 待机组转速稳定后调节出口阀门开度，观察压力表、流量表、检查轴封泄漏情况。
4. 检查电机、轴承处温升  $\leq 70^{\circ}\text{C}$ ，如有异常，应及时处理。

### 停车

1. 介质温度较高时，应先降温，降温速度为  $10^{\circ}\text{C} / \text{min}$ ，液体温度降至  $70^{\circ}\text{C}$  以下，方可停车；
2. 关闭吐出阀门，同时关闭真空表及压力表旋塞；
3. 切断电源；
4. 关闭进口阀门；
5. 如长期停车应将泵内液体放尽，尤其在环境温度  $0^{\circ}\text{C}$  时，停车后应立即放尽液体，以防冻坏零部件。

### Preparations before starting

1. Turn the fan blade of the motor with hand, the impeller must be flexibly to move without block-up;

2. Fully Open the inlet valve and the exhaust valve to let the pump cavity full of liquid, then close the exhaust valve;

3. Check if every part is normal, the bearing well lubricated, the bolts on every part tightened. the suck-in pipe smooth and so on;

4. Preheat to be taken in case of a medium with a high temperature, with a rate of temperature rise  $50^{\circ}\text{C} / \text{h}$ , to make sure of every part to be heated evenly.

### Starting and running

1. Fully open the inlet valve and close the outlet pipeline's valve

2. start the motor; (take care of the rotating direction)

3. adjust the opening of the outlet valve when the rotating speed of the unit gets stable and take a 100k at the piezometer and the flowmeter and check if the shaft seal leaks;

4. check the temperature rise at both motor and bearing, which should be  $< 70^{\circ}\text{C}$ , and deal with it on time in case of an abnormal condition.

### Stopping

1. first lower the temperature with a rate  $10^{\circ}\text{C} / \text{min}$  in case of a higher temperature of the medium and do not stop running until it lowers below  $70^{\circ}\text{C}$ ;

2. close the Outlet valve and both vacuum meter and screw cork of the piezometer;

3. cut off the power;

4. close the inlet valve;

5. completely drain out the liquid inside of the pump in case of a long time stop, especially when the ambient temperature is below  $0^{\circ}\text{C}$ , then the liquid must be completely out at once stopping to prevent the parts from being frozen.

## 泵的维护与保养 MAINTENANCE OF THE PUMP

### 运行中的维护和保养

1. 进水管路必须高度密封，不能漏水、漏气；
2. 禁止泵在汽蚀状态下运行；
3. 尽量避免泵在大流量工况下运行；
4. 定时检查电机电流值，不得超过电机额定电流；
5. 泵在运行中应有专人看管，以免发生意外；
6. 泵每运行 5000 小时就对轴承进行加油；
7. 泵进行长期运行后，由于机械磨损，使机组噪声及振动增大时，应停机检查，必要时可更换易损件，机组大修期限一般为一年。

### 机械密封维护与保养

1. 机械密封润滑液应清洁无固体颗粒；
2. 严禁机械密封在干磨情况下工作；
3. 启动前应盘动泵（电机）几圈，以免突然启动造成机械密封断裂损坏；
4. 密封泄漏允差 3 滴 / 分，否则应检修。

### Maintenance in running

1. The inlet pipeline must be highly sealed without any water, air leak;
2. Prohibit the pump from running in the steam-cavitated status;
3. Avoid running of the pump under the working condition of a heavy flow as can as possible;
4. Periodically check the current value of the motor and never let it over the rated one;
5. The pump must be cared by a special person during its running to avoid any accident;
6. Lubricate the bearing every 5000h running of the pump;
7. Stop and check, and if necessary, replace the wearable parts when both noise and vibration of the unit are enlarged due to mechanical wearability after a long time use of the pump, the period for the unit to be overhauled is one year generally.

### Maintenance of mechanical seal

1. The lubricating liquid for the mechanical seal should be clean without any solid grains;
2. Prohibit the mechanical seal from working with dry-grinding;
3. Turn the pump (motor) several turns before starting in order not to cause the mechanical seal to be broken and damaged due to an abrupt starting;
4. The leak from the seal is allowed to be 3 drops / min, otherwise service must be taken.



## 泵的安装说明 ERECTION OF THE PUMP

1. 安装时管路重量不应承受在泵上，否则易损坏水泵；
2. 泵与电机是整体结构，出厂时已由厂家校正，安装时无需调整，因此安装十分方便；
3. 安装时必须拧紧地脚螺栓，且每隔一定时段应对其进行检查，防止其松动，以免水泵启动时发生振动而影响泵的性能；
4. 安装水泵前应仔细检查泵流道内有无影响水泵运行的硬物（如石块、铁砂等），以免水泵运行时损坏过流部件；
5. 为了维修方便及安全使用，在泵的进出口管路上安装一只调节阀及在泵出口附近安装一只压力表，对于高扬程泵，为防止水锤，还应在出F1 闸阀前安装一只止回阀以应付突然断电等失去动力事故，从而确保水泵在最佳工况下运行，延长水泵的使用寿命；
6. 泵用于有吸程场合，应装有底阀，且进口管不应有过多弯头，同时不得有漏水、漏气现象，以免影响水泵的吸入性能；
7. 为不使杂质进入泵内而堵塞流道，应在泵进口前安装过滤器；
8. 安装管路前转动水泵的转子部件，应无摩擦声或卡死现象，否则应将泵拆开检查原因。

1. Do not let the pump subjected to the pipeline weight in erection, or it may be easy to be made damaged;

2. Both pump and motor are integrally structured and calibrated by the manufacturer, so there is no need to adjust them, leaving a very convenient erection;

3. Tighten the foot bolts in erection and periodically check the pump to prevent it from being loose and its performance from being affected due to the vibration at the starting off;

4. Prior to erection, carefully check if there is any hard matters (such as stones, iron sand etc.) inside of the flow line of the pump which may affect its running to prevent its flowing parts from being damaged during its running;

5. For an easy service and safe use, mount an adjusting Valve on both inlet and outlet pipelines and a piezometer near the inlet. For the pump with a high head also mount a check valve before the gate valve on the outlet to meet with the power loss accidents like an abrupt power-off etc. So as to make sure of the Pump to run in the best working conditions to extend its duration;

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## 泵的启动与停车 START AND STOP OF THE PUMP

### 启动前的准备

1. 用手拨转电机风叶，叶轮应转动灵活，无卡擦现象；
2. 全开进口阀门，打开排气阀使液体充满泵腔，然后关闭排气阀；
3. 检查各部位是否正常：轴承是否润滑良好，各部位螺栓是否紧固，吸入管是否通畅等；
4. 如介质温度较高则应进行预热，升温速度为  $50^{\circ}\text{C} / 11$ ，以确保各部位受热均匀。

### 启动与运行

1. 全开进口阀门，关闭吐出管路阀门。
2. 启动电机；（注意旋向是否正确）
3. 待机组转速稳定后调节出口阀门开度，观察压力表、流量表、检查轴封泄漏情况。
4. 检查电机、轴承处温升  $\leq 70^{\circ}\text{C}$ ，如有异常，应及时处理。

### 停车

1. 介质温度较高时，应先降温，降温速度为  $10^{\circ}\text{C} / \text{min}$ ，液体温度降至  $70^{\circ}\text{C}$  以下，方可停车；
2. 关闭吐出阀门，同时关闭真空表及压力表旋塞；
3. 切断电源；
4. 关闭进口阀门；
5. 如长期停车应将泵内液体放尽，尤其在环境温度  $10^{\circ}\text{C}$  时，停车后应立即放尽液体，以防冻坏零部件。

### Preparations before starting

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2. Fully Open the inlet valve and the exhaust valve to let the pump cavity full of liquid, then close the exhaust valve;

3. Check if every part is normal, the bearing well lubricated, the bolts on every part tightened. the suck-in pipe smooth and so on;

4. Preheat to be taken in case of a medium with a high temperature, with a rate of temperature rise  $50^{\circ}\text{C} / \text{h}$ , to make sure of every part to be heated evenly.

### Starting and running

1. Fully open the inlet valve and close the outlet pipeline's valve

2. start the motor; (take care of the rotating direction)

3. adjust the opening of the outlet valve when the rotating speed of the unit gets stable and take a 100k at the piezometer and the flowmeter and check if the shaft seal leaks;

4. check the temperature rise at both motor and bearing, which should be  $< 70^{\circ}\text{C}$ , and deal with it on time in case of an abnormal condition.

### Stopping

1. first lower the temperature with a rate  $10^{\circ}\text{C} / \text{min}$  in case of a higher temperature of the medium and do not stop running until it lowers below  $70^{\circ}\text{C}$ ;

2. close the Outlet valve and both vacuum meter and screw cork of the piezometer;

3. cut off the power;

4. close the inlet valve;

5. completely drain out the liquid inside of the pump in case of a long time stop, especially when the ambient temperature is below  $0^{\circ}\text{C}$ , then the liquid must be completely out at once stopping to prevent the parts from being frozen.

## 泵的维护与保养 MAINTENANCE OF THE PUMP

### 运行中的维护和保养

1. 进水管路必须高度密封，不能漏水、漏气；
2. 禁止泵在汽蚀状态下运行；
3. 尽量避免泵在大流量工况下运行；
4. 定时检查电机电流值，不得超过电机额定电流；
5. 泵在运行中应有专人看管，以免发生意外；
6. 泵每运行 5000 小时就对轴承进行加油；
7. 泵进行长期运行后，由于机械磨损，使机组噪声及振动增大时，应停机检查，必要时可更换易损件，机组大修期限一般为一年。

### 机械密封维护与保养

1. 机械密封润滑液应清洁无固体颗粒；
2. 严禁机械密封在干磨情况下工作；
3. 启动前应盘动泵（电机）几圈，以免突然启动造成机械密封断裂损坏；
4. 密封泄漏允差 3 滴 / 分，否则应检修。

### Maintenance in running

1. The inlet pipeline must be highly sealed without any water, air leak;
2. Prohibit the pump from running in the steam-cavitated status;
3. Avoid running of the pump under the working condition of a heavy flow as can as possible;
4. Periodically check the current value of the motor and never let it over the rated one;
5. The pump must be cared by a special person during its running to avoid any accident;
6. Lubricate the bearing every 5000h running of the pump;
7. Stop and check, and if necessary, replace the wearable parts when both noise and vibration of the unit are enlarged due to mechanical wearability after a long time use of the pump, the period for the unit to be overhauled is one year generally.

### Maintenance of mechanical seal

1. The lubricating liquid for the mechanical seal should be clean without any solid grains;
2. Prohibit the mechanical seal from working with dry-grinding;
3. Turn the pump (motor) several turns before starting in order not to cause the mechanical seal to be broken and damaged due to an abrupt starting;
4. The leak from the seal is allowed to be 3 drops / min, otherwise service must be taken.

故障原因及排除方法 FAILURES CAUSES AND TROUBLESHOOTING

故障现象 Failure	可能产生的原因 Possible causes	排除方法 Troubleshooting
<b>8、水泵噪声及振动</b> Noise and vibration with pump	a)泵及管路中有空气未排除 Air not exhausted inside of pump and pipeline b)水泵偏离设计工况运行 Pump runs with deviation to designed working conditions c)水泵超负荷运行 Pump runs with an overload d)轴承缺油或磨损 Bearing lack of oil or worn out e)泵及管路支撑不良 Pump and pipeline not well supported f)泵发生汽蚀 Steam-corrosion occurs with pump	a)排除空气 Exhaust air b)在设计点附近运行 Have pump run near designed points c)调节阀门减载运行 Adjust valve to reduce the load D)更换轴承补充润滑油 Replace bearing and supplement lubricating oil e)加强支撑, 采取隔振措施 Strengthen support, take isolation measures f)改善吸入条件,避免汽蚀 Improve suction conditions to prevent it
<b>9、电机超电流</b> Motor's current is over	a)泵超大流量运行 Pump runs with over-flow b)叶轮与泵体口环摩擦 Both impeller and oral-ring of pump casing contacting c)介质混入其它异物 Other foreign matters mixed with medium d)电压过低 Voltage too low e)轴承损坏 Bearing damaged f)转速过快 Too quick rotating speed	a)调节出口阀门 Adjust outlet valve b)校正泵轴的同心度 Correct the concentricity of both pump and shaft c)排除异物 Get rid of foreign matters d)使泵在正常电压下运行 Have pump run under normal voltage e)更换轴承 Replace it f)检查电源频率 Check power's frequency
<b>10、电机烧毁</b> Motor burnt out	a)长时间超负荷运行 Long time overload running b)定子受潮 Stator gets wet c)电机缺相运行 Motor runs with lack of phase	a)调节运行工况 Adjust working conditions for running b)改善机组使用环境 Improve enviroment where unit is used c)检查电源, 排除故障 Check power and troubleshoot

管路损耗参考表 REFERENCE TABLE FOR PIPELINE LOSS

直管摩擦损失简表(估计用)100m直管损失系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								
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									0.12	0.19
										0.27
										0.37
										0.48
										0.68
										0.93
										1.2
										1.5
										1.9
										2.3
										2.8
										3.3
										3.7
										4.9
										5.2
										6.1
										7.2
										8.5
										9.6
										10.7
										11.0
										12.0
										13.0
										14.0
										16.0
										18.0
										20.0
										2.4
										2.0
										1.5
										1.3
										1.1
										0.9
										0.76
										0.61
										0.49
										0.37
										0.27
										0.19
										0.12
										0.07

一定管径之最大流量限制  
LIMIT OF THE MAXIMUM FLOW FOR A PIPE WITH A CERTAIN DIAMETER

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	未翻开加倍 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

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
38	2.5	1.69
50	4.17	2.12
65	6.67	2.01
75	10.0	2.26
100	18.4	2.33

管径 Pipe diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Maximum flow rate (m/s)
125	30.0	2.44
150	43.0	2.45
175	60.0	2.49
200	83.3	2.69
250	133.0	2.72
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

注: 例如100mm直管, 底阀折合100倍直管等于100×100=10000mm=10m直管长度, 假定流量为8L/s时, 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, 损失约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.