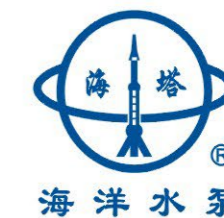


数据仅供参考：如有修改，恕不通知。
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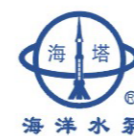


► ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

上海海洋泵阀制造有限公司
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上海海洋泵阀制造有限公司
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ISW、ISWR、ISWH、ISWD型卧式离心泵

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产品概述 OVERVIEW OF PRODUCT

ISW (ISWR、ISWH、ISWB、ISWHB)、ISWD (ISWRD、ISWHD、ISWBD、ISWHBD)系列单级单吸卧式离心泵是在参照本公司ISL系列立式离心泵基础上改进设计而成，其性能参数等同于ISL系列泵，并符合ISO2858要求，产品严格按有关要求组织生产，产品质量稳定，性能可靠，是代替IS型卧式泵、DL型泵等常规产品的新颖卧式离心泵。

流量范围1.5~1200m³/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。根据流体介质和温度不同，设计制造成同性能参数的ISWR型热水泵、ISWH型化工泵、ISWB型油泵和ISWHB型卧式防爆化工泵系列产品。

ISW series single-stage single-suction horizontal-type centrifugal pump are made by way of improving the design of ISL series vertical centrifugal pumps of this Co. with the performance parameters identical to those of ISL series and in line with the requirements of ISO2858. The products are produced strictly according to the relevant requirements, so they have a stable quality and reliable performance and are the brand-new ones instead of model IS horizontal pump, model DL pump etc. ordinary pump.

They are divided into basic type, flow-expansion type, A, B, C cutting type etc. In more than 250 specifications and with a flow range of 1.5~1200m³/h and a head range of 8~150m. And, per the different fluid media and temperatures, model ISWR hot-water pump, model ISWH chemical pump, model ISWB oil pump and model ISWHB horizontal anti-explosion chemical pump etc. series products are designed and manufactured and have the same performance parameters.



ISW、ISWR、ISWH、ISWD
HORIZONTAL CENTRIFUGAL PUMP

产品特点 FEATURES OF PRODUCT

- 1、结构紧凑。该系列泵为卧式结构，机泵一体，外形美观，占地面积少，与普通卧式泵比较占地面积减少30%。
- 2、运行平稳、噪音低、组件同心度高。电机和泵直联，简化了中间结构，增强了运行的平稳性，叶轮具有良好的动静平衡，运行时振动小，改善了使用环境。
- 3、无渗漏。轴封采用耐腐硬质合金机械密封，解决了离心泵填料严重渗漏问题，确保了运行场地干净整洁。
- 4、维修方便。该系列卧式泵为后开门式结构，无须拆卸管路，即可进行检修。
- 5、该系列卧式泵从进口方向看，泵的出口能以水平向左、垂直向上和水平向右三种方式任意安装。

1. Compact structure. These series pumps have an integrally horizontal structure, beautiful appearance and less area of occupied land, which, comparing with the ordinary ones, is reduced by 30%.

2. Stable running, low noise, high concentricity of assembly. By the straight joint between the motor and the pump, the middle structure is made simplified, thus enhancing the running stability, making the impeller of a good balance of moving-resting, resulting in no vibration during running and improving the environment of use.

3. No leakage. A mechanical seal of antiseptic carbide alloy is used for the shaft sealing so as to get rid of the serious leakage of the fillings of centrifugal pumps and ensure the operating place clean and neat.

4. Convenient service. Service can be easily done without removing any pipeline because of the back-door structure.

5. Viewing from the inlet of the pump, the outlet of it can be mounted in one of the, three way, horizontally leftward, vertically upward and horizontally rightward.



企业简介⁺

ABOUTUS

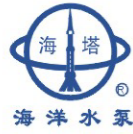
上海海洋泵阀制造有限公司成立于1994年，并于2002年正式更名为上海海洋泵阀制造有限公司，注册资金1050万，坐落于上海市生产基地的松江区。本公司是专业生产水泵、生活消防成套智能控制给水设备及水泵智能电气控制设备的大型股份制企业，在全国各地设有二十多个办事处。遍布全国各大中城市，为海洋创造快速的售后服务打下坚实的基础。

海洋泵阀始终致力于科技和管理的创新，开发出适用于工矿企业、城市供水、城市污水处理、农田排灌、石油化工、高层建筑供水消防、空调供暖等各行各业的用泵。产品发往全国各地，以可靠的性能和合理的价格受到广大用户的青睐。

海洋泵阀目前能生产30多个系列，1000多种规格，适用于工矿企业、城市供水、城市污水处理、石油化工、农业排灌等行业的用泵。主导产品XBD系列高层建筑给水泵被国家建设部批准为工程建设推荐产品。

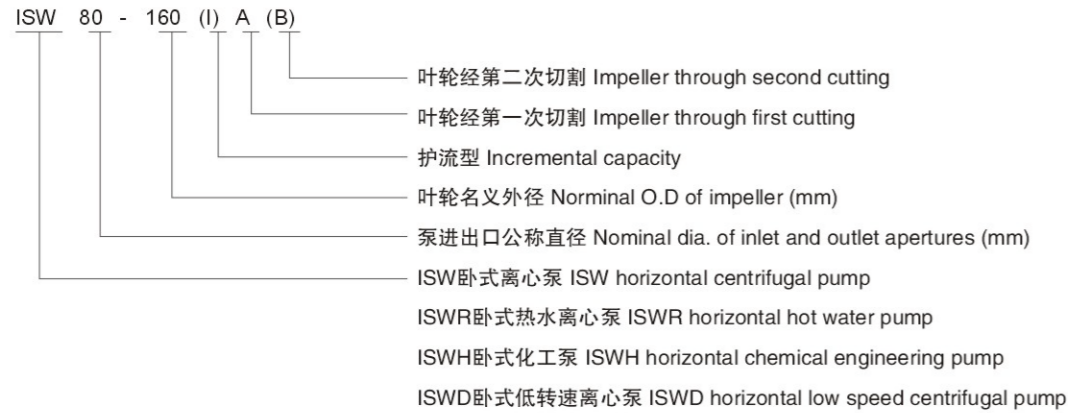
海洋泵阀秉承“产品决定前途、质量决定命运、效益决定兴衰、素质决定成败”的经营理念，不断开拓锐意进取，铸就客户百分之百满意工程：ISO9001-2000质量体系品质保证，以及快速反应售后服务和定期咨询双重服务保障。海洋泵阀以人为本，以诚待人，以国际质量管理体系为管理标准不断拓展相关领域——承揽环保工程、提供成套生活供水和消防设施，制造出优质、高效、节能的国际产品，服务于人类建设美好家园！

公司以一流的管理、一流的产品、一流的服务，赢得了广大用户的信赖和好评。



ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

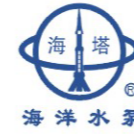
型号说明 MODEL INSTRUCTUION



主要用途 MAJOR PURPOSE

- ISW型卧式离心泵，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。
- ISWR型卧式热水泵，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、输送等生产工艺供热系统，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。
- ISWH型卧式化工泵，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℃。
- ISWB型卧式防爆油泵，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 $\rho < 1000\text{kg/m}^3$ 。
- ISWHB型卧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℃。

- ISW series horizontal centrifugal pump is used to transport pure water and other liquids of the similar physical nature as pure water and suitable for water supply and drainage in industries and cities、boost water-feeding of high buildings、garden irrigation、fire-fighting boost、remote water-transportation、warming、cold-hot water circulation and boost in bathrooms, and equipment completing as well. The temperature of the used medium is under 80℃.
- ISWR series horizontal hot-water pump is suitable for the warming, hot-water boost, circulation, transportation etc. heat-supply system of the buildings and houses in civil and enterprise units, such as power station, thermal power station, residual heat utilization, metallurgy, chemical industry, textile, wood process, paper-making etc. where there is a high-temperature hot-water supply system from industrial boilers. The used medium's temperature is under 120℃.
- ISWH series horizontal chemical pump is used to transport the liquid containing no solid grain, of corrosivity and a similar viscosity like water and suitable for light & textile industry, petroleum, chemistry, metallurgy, electric power, paper-making, food, pharmacy, synthetic fibre etc. departments. The temperature is -20℃~120℃.
- ISWB series horizontal anti-explosion oil pump is suitable for the industries of petroleum, light & textile industry, chemistry, mechanism etc. to transport non-corrosive, combustible and explosible liquids, the temperature of the transported medium is -20℃~120℃ and the medium intensity $\rho < 1000\text{kg/m}^3$.
- ISWHB series horizontal anti-explosion chemical pump is used to transport the liquid containing no solid grain, of corrosivity and a similar viscosity like water, combustible and explosible and suitable for light & textile industry, petroleum, chemistry, metallurgy, mine, pharmacy, synthetic fibre etc. departments. The used temperature is -20℃~120℃.

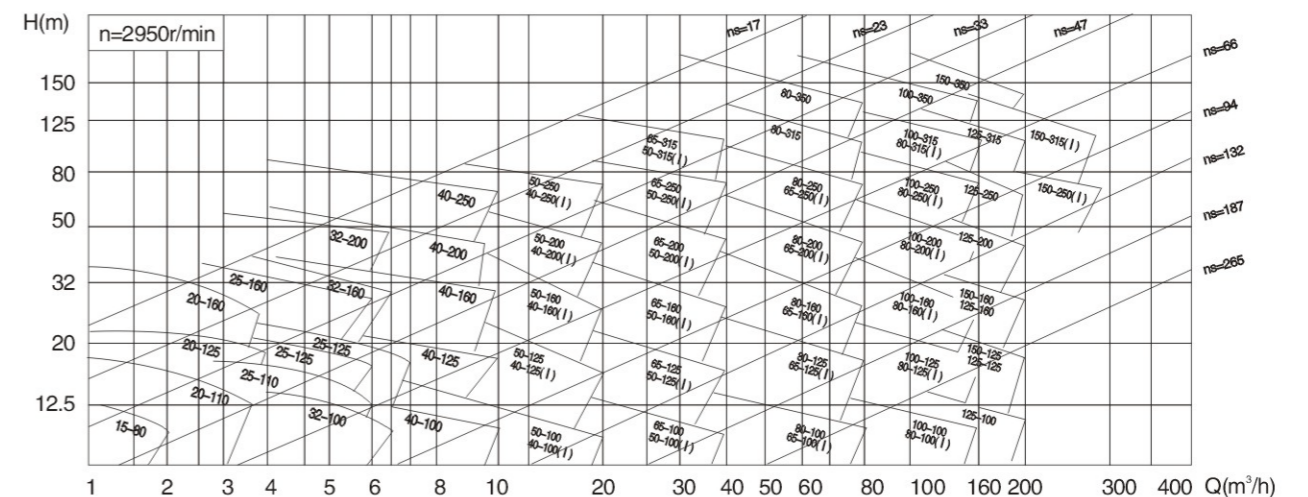
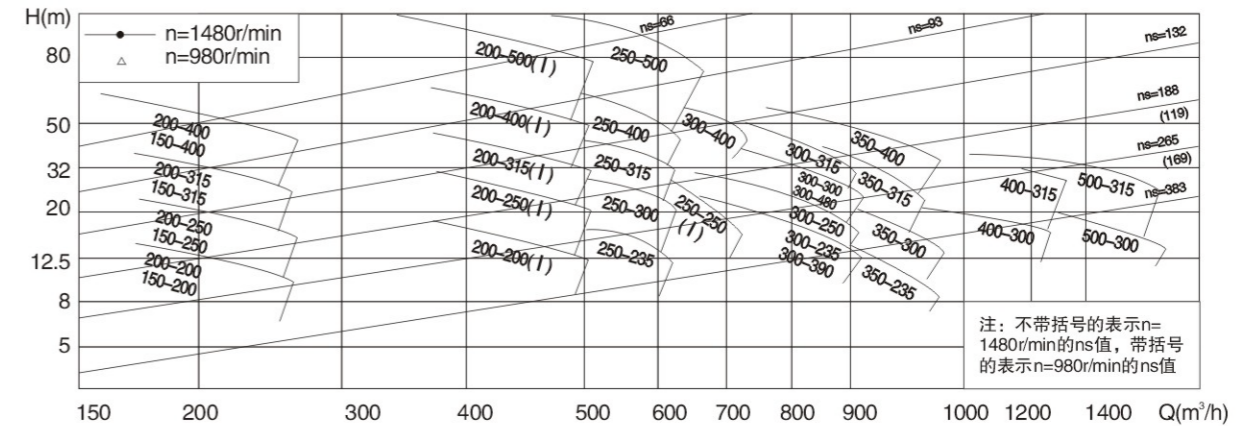


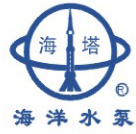
ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

工作条件 WORKING CONDITIONS

- 泵系统最高工作压力为 $\leq 1.6\text{MPa}$ ，即泵吸入口压力+泵扬程 $\leq 1.6\text{MPa}$ ，泵静压试验压力为2.5MPa，订货时请注明系统工作压力。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适用材料。
 - 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 $< 0.2\text{mm}$ ，如介质为带有细小颗粒的请在订货时说明。
 - 周围环境温度不超过40℃，海拔高度不超过1000m，相对湿度不超过95%。
- Max. working pressure of pump system is $\leq 1.6\text{MPa}$, 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 if the said pressure is larger than 1.6MPa so as to use cast steel material for the over-flow and joint pads.
 - Proper medium: the medium for pure-water pumps should have no corosive liquid and the volume of non-melting medium-solid should not be over 0.1% of the unit volune and the graininess less than 0.2mm. Please notify at order if the medium to be used with small grain.
 - No larger than 40℃ of the ambient temperature no higher than 1000m of the above-sea level and no more than 95% of the relative humidity.

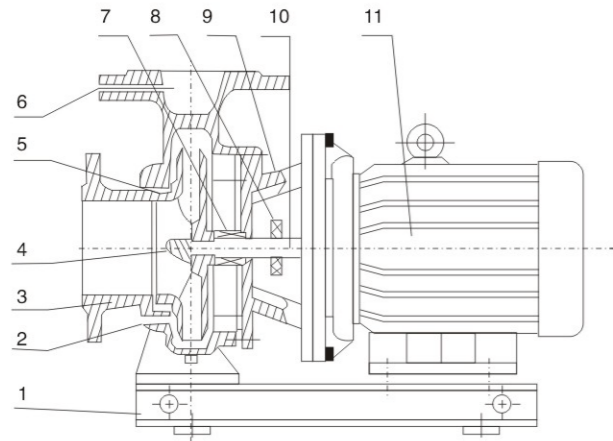
ISW、ISWR、ISWH、ISWD 型谱图 TYPE PUMP ATLAS OF STYLE





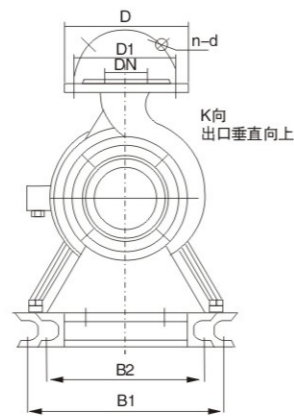
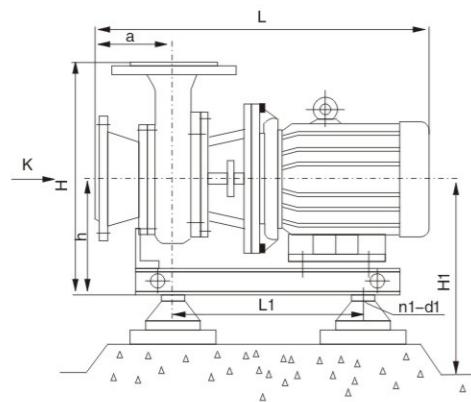
ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

结构说明 STRUCTURE DESCRIPTION



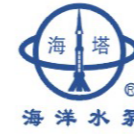
| 序号No. | 名称Name |
|-------|----------------------------|
| 1 | 底座 Impeller |
| 2 | 放水孔 Water cock |
| 3 | 泵体 Pump body |
| 4 | 叶轮螺母 Screw cap of impeller |
| 5 | 叶轮 Impeller |
| 6 | 取压孔 Pressure-picking plug |
| 7 | 机械密封 Machine sealing |
| 8 | 挡水圈 Water baffling ring |
| 9 | 端盖 Cover |
| 10 | 轴 Shaft |
| 11 | 电机 Impeller |

ISW、ISWR、ISWH、ISWD 型泵安装尺寸图 TYPE PUMP DIMENSION FIGURE AND TABLE



进出口法兰尺寸 INLET-OUTLET FLANGE DIMENSIONS

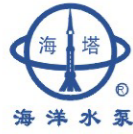
| | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| DN | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 300 |
| D | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340 | 460 |
| D ₁ | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 410 |
| n-d | 4-Φ18 | 4-Φ18 | 4-Φ18 | 8-Φ18 | 8-Φ18 | 8-Φ18 | 8-Φ22 | 12-Φ22 | 12-Φ26 |



ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

ISW、ISWR、ISWH 型泵性能参数表 TYPE PUMP PERMANCE DATA

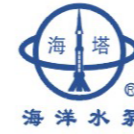
| 序号 No. | 型号 Type | 流量 (m ³ /h) | Head (m) | 效率 % | 电机功率 kW | 转速 r/min | (NPSH) r | 外形尺寸及安装尺寸 Outlined dimensions and installation dimension | | | | | | | | 隔振器(垫) Vibration Isolator (pad) 规格 Spec | 重量 kg | |
|--------|------------|------------------------|----------------------|----------------|---------|----------|----------|--|-----|----------------|-----|-----|----------------|----------------|----------------|---|----------|------------------|
| | | | | | | | | L | H | H ₁ | h | a | L ₁ | B ₁ | B ₂ | | | 4-d ₁ |
| 1 | 40-100 | 4.4 6.3 8.3 | 13.2 12.5 11.3 | 48 54 53 | 0.75 | 2900 | 2.3 | 460 | 260 | 165 | 145 | 97 | 260 | 125 | 125 | 4-Φ12 | SD41-0.5 | 34 |
| 2 | 40-100A | 3.9 5.6 7.4 | 10.6 10 9 | 45 52 50 | 0.75 | 2900 | 2.3 | 460 | 250 | 165 | 145 | 97 | 260 | 112 | 125 | 4-Φ12 | SD41-0.5 | 32 |
| 3 | 40-125 | 4.4 6.3 8.3 | 21.5 20 18.5 | 40 46 44 | 1.1 | 2900 | 2.3 | 460 | 290 | 165 | 145 | 97 | 260 | 125 | 125 | 4-Φ12 | SD41-0.5 | 35 |
| 4 | 40-125A | 3.2 5.6 6.4 | 17.6 16 14.4 | 40 45 42 | 0.75 | 2900 | 2.3 | 460 | 280 | 165 | 145 | 97 | 260 | 125 | 125 | 4-Φ12 | SD41-0.5 | 31 |
| 5 | 40-160 | 4.4 6.3 8.3 | 33 32 30 | 35 40 40 | 2.2 | 2900 | 2.3 | 520 | 320 | 165 | 145 | 102 | 320 | 140 | 140 | 4-Φ12 | SD61-0.5 | 50 |
| 6 | 40-160A | 4.1 5.9 7.8 | 29 28 26.3 | 34 39 39 | 1.5 | 2900 | 2.3 | 500 | 310 | 165 | 145 | 102 | 300 | 140 | 140 | 4-Φ12 | SD61-0.5 | 45 |
| 7 | 40-160B | 3.8 5.5 7.2 | 25.5 24 22.5 | 34 38 37 | 1.1 | 2900 | 2.3 | 480 | 310 | 165 | 145 | 102 | 280 | 125 | 140 | 4-Φ12 | SD61-0.5 | 40 |
| 8 | 40-200 | 4.4 6.3 8.3 | 51 50 48 | 26 33 32 | 4 | 2900 | 2.3 | 565 | 340 | 210 | 190 | 102 | 360 | 190 | 190 | 4-Φ12 | SD61-0.5 | 76 |
| 9 | 40-200A | 4.1 5.9 7.0 | 45 44 42 | 26 31 30 | 3 | 2900 | 2.3 | 545 | 330 | 210 | 190 | 102 | 340 | 160 | 190 | 4-Φ12 | SD61-0.5 | 64 |
| 10 | 40-200B | 3.7 5.3 7.0 | 38 36 34.5 | 23 29 27 | 2.2 | 2900 | 2.3 | 510 | 330 | 190 | 170 | 102 | 310 | 140 | 190 | 4-Φ12 | SD61-0.5 | 54 |
| 11 | 40-250 | 4.4 6.3 8.3 | 82 80 74 | 24 28 28 | 7.5 | 2900 | 2.3 | 640 | 410 | 230 | 210 | 102 | 440 | 216 | 216 | 4-Φ12 | SD61-0.5 | 108 |
| 12 | 40-250A | 4.1 5.9 7.8 | 72 70 65 | 24 28 27 | 5.5 | 2900 | 2.3 | 640 | 410 | 230 | 210 | 102 | 440 | 216 | 216 | 4-Φ12 | SD61-0.5 | 100 |
| 13 | 40-250B | 3.8 5.6 7.0 | 61.5 60 56 | 23 27 26 | 4 | 2900 | 2.3 | 575 | 390 | 210 | 190 | 102 | 370 | 190 | 216 | 4-Φ12 | SD61-0.5 | 80 |
| 14 | 40-100(I) | 6.8 12.5 16.3 | 13.2 12.5 11.3 | 55 62 60 | 1.1 | 2900 | 2.3 | 470 | 290 | 165 | 145 | 102 | 270 | 125 | 125 | 4-Φ12 | SD41-0.5 | 36 |
| 15 | 40-100(I)A | 8.0 11.0 14.5 | 10.6 10 9 | 52 60 56 | 0.75 | 2900 | 2.3 | 470 | 280 | 165 | 145 | 102 | 270 | 125 | 125 | 4-Φ12 | SD41-0.5 | 34 |
| 16 | 40-125(I) | 8.8 12.5 16.3 | 21.2 20 17.8 | 49 58 57 | 1.5 | 2900 | 2.3 | 480 | 290 | 175 | 155 | 102 | 280 | 140 | 140 | 4-Φ12 | SD41-0.5 | 40 |
| 17 | 40-125(I)A | 8.0 11.0 14.5 | 17 16 14 | 47 57 54 | 1.1 | 2900 | 2.3 | 465 | 290 | 165 | 145 | 102 | 260 | 125 | 140 | 4-Φ12 | SD41-0.5 | 35 |
| 18 | 40-160(I) | 8.8 12.5 16.3 | 33 32 30 | 45 52 51 | 3 | 2900 | 2.3 | 560 | 310 | 185 | 165 | 107 | 360 | 160 | 160 | 4-Φ12 | SD61-0.5 | 58 |
| 19 | 40-160(I)A | 8.2 11.7 15.2 | 29 28 26 | 44 51 50 | 2.2 | 2900 | 2.3 | 525 | 310 | 175 | 155 | 107 | 320 | 140 | 160 | 4-Φ12 | SD61-0.5 | 49 |
| 20 | 40-160(I)B | 7.3 10.4 13.5 | 25.5 24 20.5 | 42 50 47 | 1.5 | 2900 | 2.3 | 500 | 300 | 175 | 155 | 107 | 300 | 140 | 160 | 4-Φ12 | SD61-0.5 | 44 |
| 21 | 40-200(I) | 8.8 12.5 16.3 | 51.2 50 48 | 38 46 46 | 5.5 | 2900 | 2.3 | 645 | 370 | 220 | 200 | 107 | 440 | 216 | 216 | 4-Φ12 | SD61-0.5 | 87 |
| 22 | 40-200(I)A | 8.3 11.7 15.3 | 45 44 42 | 37 45 45 | 4 | 2900 | 2.3 | 580 | 350 | 200 | 180 | 107 | 380 | 190 | 216 | 4-Φ12 | SD61-0.5 | 76 |
| 23 | 40-200(I)B | 7.5 10.6 13.8 | 37 36 34 | 35 44 42 | 3 | 2900 | 2.3 | 560 | 340 | 185 | 165 | 107 | 360 | 160 | 216 | 4-Φ12 | SD61-0.5 | 65 |
| 24 | 40-250(I) | 8.8 12.5 16.3 | 81.2 80 77.5 | 29 38 40 | 11 | 2900 | 2.3 | 790 | 450 | 305 | 240 | 115 | 560 | 254 | 254 | 4-Φ12 | JG2-2 | 148 |
| 25 | 40-250(I)A | 8.2 11.6 15.2 | 71 70 68 | 28 38 39 | 7.5 | 2900 | 2.3 | 660 | 420 | 257 | 210 | 115 | 430 | 216 | 254 | 4-Φ12 | SD61-0.5 | 98 |
| 26 | 40-250(I)B | 7.6 10.8 14.0 | 61.4 60 58 | 28 37 35 | 7.5 | 2900 | 2.3 | 660 | 420 | 257 | 210 | 115 | 430 | 216 | 254 | 4-Φ12 | SD61-0.5 | 97 |
| 27 | 40-250(I) | 7.1 10.0 13.1 | 53.2 52 50.4 | 27 36 34 | 5.5 | 2900 | 2.3 | 660 | 420 | 257 | 210 | 115 | 430 | 216 | 254 | 4-Φ12 | SD61-0.5 | 88 |
| 28 | 50-100 | 8.8 12.5 16.3 | 13.6 12.5 11.3 | 55 62 60 | 1.1 | 2900 | 2.3 | 465 | 290 | 165 | 145 | 102 | 260 | 125 | 125 | 4-Φ12 | SD41-0.5 | 38 |
| 29 | 50-100A | 8.0 12.5 14.5 | 11 10 9 | 52 60 56 | 0.75 | 2900 | 2.3 | 465 | 280 | 165 | 145 | 102 | 260 | 125 | 125 | 4-Φ12 | SD41-0.5 | 37 |
| 30 | 50-125 | 8.8 12.5 16.3 | 21.5 20 17.8 | 49 58 57 | 1.5 | 2900 | 2.3 | 475 | 290 | 175 | 155 | 102 | 270 | 140 | 140 | 4-Φ12 | SD41-0.5 | 44 |



ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

ISWD、ISWDR、ISWDH 型泵性能参数表 TYPE PUMP PERMANCE DATA

| 序号 No. | 型号 Type | 流量 (m³/h) | 扬程 (m) | 效率 (%) | 电机 功率 (kW) | 转速 (r/min) | (NPSH) r | 外形尺寸及安装尺寸 Outlined dimensions and installation dimension | | | | | | | | 隔振器(垫) Vibration Isolator (pad) | 重量 kg | |
|-----------|-------------|-----------------------|----------------------|-----------|------------------|---------------|-------------|---|-----|----------------|-----|-----|----------------|----------------|----------------|---------------------------------------|----------|------------------|
| | | | | | | | | L | H | H ₁ | h | a | L ₁ | B ₁ | B ₂ | | | 4-d ₁ |
| 111 | 100-160(I) | 60 100 120 | 10 8 7 | 78 | 4 | 1450 | 3.0 | 630 | 490 | 230 | 210 | 135 | 370 | 190 | 190 | 4-Φ16 | SD61-0.5 | 118 |
| 112 | 100-160(I)A | 52.2 87.1 104 | 7.3 6.3 5.4 | 76 | 3 | 1450 | 3.0 | 610 | 480 | 220 | 200 | 135 | 350 | 160 | 190 | 4-Φ16 | SD61-0.5 | 113 |
| 113 | 100-200(I) | 60 100 120 | 14.0 12.5 11 | 75 | 5.5 | 1450 | 3.0 | 710 | 530 | 250 | 230 | 135 | 450 | 216 | 216 | 4-Φ18 | SD61-0.5 | 148 |
| 114 | 100-200(I)A | 51.7 86.1 103 | 10.8 9.3 8.2 | 73 | 4 | 1450 | 3.0 | 655 | 510 | 230 | 210 | 135 | 400 | 190 | 216 | 4-Φ18 | SD61-0.5 | 123 |
| 115 | 100-250(I) | 60 100 120 | 21.5 20 18.5 | 74 | 11 | 1450 | 3.0 | 830 | 590 | 325 | 260 | 137 | 570 | 254 | 254 | 4-Φ18 | JG2-2 | 208 |
| 116 | 100-250(I)A | 56 83.3 112 | 18.7 17.4 16.1 | 73 | 7.5 | 1450 | 3.0 | 750 | 560 | 295 | 230 | 137 | 500 | 216 | 254 | 4-Φ18 | JG2-2 | 165 |
| 117 | 100-250(I)B | 52.2 87 104 | 16 15 14 | 72 | 5.5 | 1450 | 3.0 | 710 | 560 | 295 | 230 | 137 | 460 | 216 | 254 | 4-Φ18 | JG2-2 | 149 |
| 118 | 100-315(I) | 60 100 120 | 33.5 32 30.5 | 71 | 15 | 1450 | 3.0 | 955 | 610 | 347 | 260 | 142 | 700 | 254 | 254 | 4-Φ18 | JG3-1 | 234 |
| 119 | 100-315(I)A | 55.0 91.0 110.0 | 28 27 25.7 | 71 | 11 | 1450 | 3.0 | 850 | 610 | 347 | 260 | 142 | 600 | 254 | 254 | 4-Φ18 | JG3-1 | 213 |
| 120 | 100-315(I)B | 47 79.0 95 | 21 20 19 | 70 | 7.5 | 1450 | 3.0 | 770 | 580 | 317 | 230 | 142 | 500 | 216 | 254 | 4-Φ18 | JG3-1 | 165 |
| 121 | 100-400(I) | 60 100 120 | 52 50 48.5 | 65 | 30 | 1450 | 3.0 | 1040 | 680 | 367 | 300 | 157 | 740 | 318 | 310 | 4-Φ18 | JG3-1 | 375 |
| 122 | 100-400(I)A | 56.4 94 113 | 46 44 43 | 65 | 22 | 1450 | 3.0 | 965 | 660 | 367 | 280 | 157 | 660 | 279 | 310 | 4-Φ18 | JG3-1 | 295 |
| 123 | 100-400(I)B | 52.3 87 105 | 39 38 37 | 64 | 18.5 | 1450 | 3.0 | 925 | 660 | 367 | 280 | 157 | 620 | 279 | 310 | 4-Φ18 | JG3-1 | 227 |
| 124 | 100-400(I)C | 48.6 81 97 | 34 32.8 32 | 62 | 15 | 1450 | 3.0 | 890 | 640 | 347 | 260 | 157 | 600 | 254 | 310 | 4-Φ18 | JG3-1 | 239 |
| 125 | 125-100 | 48 80 96 | 3.3 3 2.5 | 76 | 1.1 | 1450 | 3.0 | 500 | 440 | 305 | 240 | 135 | 250 | 140 | 140 | 4-Φ18 | JG2-2 | 113 |
| 126 | 125-125 | 48 80 96 | 5.5 5 4.3 | 76 | 2.2 | 1450 | 3.0 | 550 | 455 | 327 | 240 | 135 | 300 | 160 | 160 | 4-Φ18 | JG3-1 | 148 |
| 127 | 125-125A | 43 71.5 86 | 4.4 4 3.4 | 75 | 1.5 | 1450 | 3.0 | 530 | 455 | 327 | 240 | 135 | 300 | 160 | 160 | 4-Φ18 | JG3-1 | 123 |
| 128 | 125-160 | 48 80 96 | 9 8 7 | 74 | 3 | 1450 | 3.0 | 650 | 480 | 367 | 280 | 140 | 400 | 160 | 160 | 4-Φ18 | JG3-1 | 208 |
| 129 | 125-160A | 42 69.3 83 | 6.8 6 5.3 | 73 | 2.2 | 1450 | 3.0 | 610 | 480 | 367 | 280 | 140 | 360 | 160 | 160 | 4-Φ18 | JG3-1 | 165 |
| 130 | 125-200 | 48 80 96 | 13.8 12.5 11.5 | 73 | 5.5 | 1450 | 3.0 | 710 | 515 | 407 | 320 | 140 | 450 | 190 | 190 | 4-Φ18 | JG3-2 | 149 |
| 131 | 125-200A | 45 75 90 | 12 11 10 | 72 | 4 | 1450 | 3.0 | 680 | 515 | 407 | 320 | 140 | 430 | 190 | 190 | 4-Φ18 | JG3-2 | 234 |
| 132 | 125-250 | 48 80 96 | 22 20 18.3 | 72 | 4 | 1450 | 2.8 | 720 | 565 | 457 | 370 | 145 | 450 | 216 | 190 | 4-Φ18 | JG3-2 | 213 |
| 133 | 125-250A | 45 75 90 | 19 17.5 16 | 71 | 7.5 | 1450 | 2.8 | 720 | 565 | 432 | 345 | 145 | 450 | 216 | 216 | 4-Φ18 | JG3-2 | 165 |
| 134 | 125-250B | 41.5 69 83 | 16.3 15 13.8 | 70 | 5.5 | 1450 | 2.8 | 720 | 565 | 407 | 320 | 145 | 450 | 216 | 216 | 4-Φ18 | JG3-2 | 375 |
| 135 | 125-315 | 48 80 96 | 33.3 32 29.9 | 67 | 15 | 1450 | 2.5 | 870 | 415 | 533 | 400 | 150 | 570 | 254 | 216 | 4-Φ18 | JG4-1 | 295 |
| 136 | 125-315A | 45 75 90 | 29.3 27.5 26 | 66 | 11 | 1450 | 2.5 | 870 | 415 | 533 | 400 | 150 | 570 | 254 | 254 | 4-Φ18 | JG4-1 | 277 |
| 137 | 125-315B | 43 72 86 | 26.5 25 23.8 | 65 | 7.5 | 1450 | 2.5 | 870 | 415 | 533 | 400 | 150 | 570 | 254 | 254 | 4-Φ18 | JG4-1 | 239 |



ISW、ISWR、ISWH、ISWD型卧式离心泵
ISW、ISWR、ISWH、ISWD horizontal centrifugal pump

起运与停车

- 一、启动前准备**
- 1、用手拨转电机风叶，叶轮应无卡磨现象，转动灵活。
 - 2、打开进口阀门，打开排气阀使液体充满整个泵腔，然后关闭排气阀。
 - 3、用手盘动泵以使润滑油进入机械密封端面。
 - 4、点动电机，确定转向否正确。
- 二、启动与运行**
- 1、打开进口阀门，关闭出口管路阀门。
 - 2、接通电源，当泵达到正常转速后，再逐渐打开出口管路上的阀门，并调节到所需工况。
 - 3、注意观察仪表的读数，检查轴封泄露情况，正常时机械密封泄漏量≤3滴/分，检查电机，轴承处温升≤75℃，如发现异常情况，应及时处理。
- 三、停车**
- 1、逐渐关闭出口管路阀门，切断电源。
 - 2、关闭进口阀门。
 - 3、如环境温度低于0℃，应使泵内液体放尽，以免冻裂。如长期停用，应将泵拆卸清洗，包装保管。

特点提示

- 不可将管路重量加在泵上，以免造成泵体损坏。
泵运行前必须将泵灌满液体，使用手盘动泵使液体进入机械密封端面，防止机械端面烧损。必须控制出口阀门，避免泵在超大流量下运行，损坏电机或造成汽蚀。

故障原因及排除方法

| 故障现象 | 可能产生的原因 | 故障解决 |
|-----------|---|--|
| 1. 水泵不出水 | a. 进出口阀门未打开，进出管路阻塞，叶轮流道阻塞。 b. 电机运转方向不对，电机缺相转速很慢。 c. 吸入管漏气。 d. 泵没灌满液体，泵腔内有空气。 e. 进口供水不足，吸程过高，底阀漏水。 f. 管路阻力过大，泵选型不当。 | a. 打开阀门，去除阻塞物。 b. 调整电机转向，紧固电机接线。 c. 拧紧各密封面螺母，排除空气。 d. 打开泵上盖或打开排气阀；排尽空气。 e. 停机检查、调整(并网自来水管和带吸程使用易出现此现象)。 f. 减少管路弯道，重新选泵。 |
| 2. 水泵流量不足 | a. 先按1. 原因检查。 b. 管道、泵、叶轮流道部分阻塞，水垢沉积、阀门开度不足。 c. 电压偏低。 d. 叶轮磨损。 | a. 选按1. 排除。 b. 去除阻塞物，重新调整阀门开度。 c. 稳压。 d. 更换叶轮。 |
| 3. 杂音振动 | a. 管路支撑不稳。 b. 液体中混有气体。 c. 产生汽蚀。 d. 轴承损坏。 e. 电机超载发热运行。 | a. 稳固管路。 b. 增加进口压力排气。 c. 降低真空度。 d. 更换轴承。 e. 调整按4。 |
| 4. 电机发热 | a. 流量过大，超载运行。 b. 碰擦。 c. 电压不足。 | a. 关小出口阀。 b. 检查排除。 c. 稳压。 |
| 5. 水泵漏水 | a. 机械密封磨损。 b. 密封面不平整。 | a. 更换。 b. 修整。 |