



S型

双 吸 离 心 泵

DOUBLE SUCTION SPLIT-CASE PUMP TYPE S



上海水泵制造有限公司（上海水泵厂）

Shanghai Pump Manufacture Co.,Ltd (ShangHai Pump Works)

企业简介

上海水泵制造有限公司是由上海水泵厂改制而组建的股份制公司，上海水泵厂创建于1930年，专业生产各类水泵，是中华人民共和国前机械工业部重点企业。

公司吸收国有企业之精华，秉承了上海水泵厂优秀的产品技术，包括从国外引进的技术，接轨现代企业管理，集科研、开发、制造、销售和服务于一体，是中国泵行业协会副理事长单位。

企业以“科技为先，人才为本，服务用户，贡献社会”为宗旨，锐意改革创新、务实拓展。现有员工467人，其中工程技术人员57人。企业已取得了ISO9001质量认证，并以质保体系贯穿全部管理过程，为企业产品质量提供了可靠的保证。

企业座落于上海奉贤青港经济开发区，占地65000平方米，生产车间建筑面积28500平方米，是一座专业制造电厂电站、引水工程、冶金石化、市政给排水、船舶工业等众多领域用泵的大型制造工厂。企业拥有2200mm管径10kv、6kv、380v测试电压的B级精度智能化测试中心及金属切削、焊接、试验、检测、起重、运输各类设备200多台。

企业主导产品有：锅炉给水泵、凝结水泵、循环水泵、低加疏水泵、化工流程泵、污水泵、热水循环泵、船用离心泵、消防水泵、能量回收装置等50多个系列，3000多个规格。

雄厚的科技力量、先进的经营理念和一支高素质的员工队伍为企业的持续发展注入了强大动力，企业将发挥自身优势，进一步强化企业管理，加强与科研机构的合作，不断提升产品的品质品位，实施国际化品牌战略。

用户的需求，永远是我们的追求。企业本着“精心制造、精益求精、精诚服务”的质量方针，为海内外用户提供安全、可靠、高效率的泵类产品。

Being a key production factory of former Ministry of Machinery PRC, Shanghai Pump Factory have been dedicated to producing pumps of different applications since 1930. With its restructuring comes Shanghai Pump Manufacturing Company Ltd which is an incorporated stock company holding its own independent legal status.

Shanghai Pump Manufacturing Company, vice president entity of China Pump Industry Association, adapts the advanced technology inherited from Shanghai Pump Factory together with technologies introduced from abroad, like USA, Germany and Japan. And it also puts international enterprise management methods through R&D, production, sales and service process.

SPMC is always oriented with Technology, Talent, Service and Contribution and determined to reform, innovate and develop. It has more than 467 skilled employees with 57 technicians and has acquired the ISO9001 certification.

SPMC has convenient transportation with its location in Qinggang Economic Development Zone Fengxian Shanghai; It has a strong production capability with land occupation of 65000 sqm of which 28500 sqm workshop; It owns B-level precision intellectual test centre for pipe-diameter 2200 mm 10 kv, 6kv and 380v and more than 200 units of equipments for metal cutting, welding, testing, detection, lifting, and transportation. It offers pumps to meet demands of core sectors like: Power Plant, Diversion Project, Metallurgy and Petrochemical, Municipal Water Supply and Drainage, Marine Industry and so on.

SPMC offers more than 50 series/3000 standards as follows: boiler feed pump, condensate pump, circulating pump, drainage pump, chemical process pump, sewage pump, hot water circulating pump, ship centrifugal pump, fire fighting pump, energy recycle device and so on.

SPMC is on its well way to get international recognition with best technologies, advanced management, highly skilled employees and reliable quality.

And it devotes its life to satisfying home and abroad customers need based on the quality principle "Best Production, Best Accuracy, Best Service".



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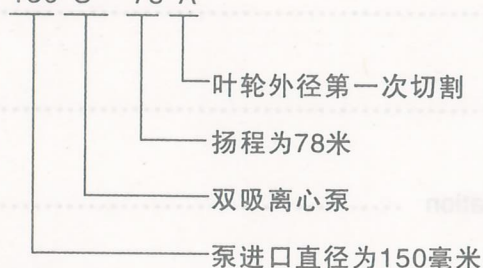
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一、概述

S 型泵是单级双吸、卧式中开离心泵。供输送清水及物理化学性质类似于水的液体。液体最高温度不得超过80℃，适合工厂、矿山、城市、电站的给排水，农田排涝灌溉和各种水利工程。

泵型号的意义：

例如：150 S—78 A



二、结构说明

本型泵的吸入口与吐出口均在水泵轴心线下方，与轴线垂直呈水平方向，泵壳中开，检修时无需拆卸进水、排出管路及电动机（或其他原动机）。从联轴器向泵的方向看去，水泵为顺时针方向旋转。根据需要也可生产逆时针旋转的泵，但订货时应特殊提出。

本型泵的主要零件有：泵体(1)、泵盖(2)、叶轮(3)、轴(4)、双吸密封环(5)、轴套(6)、轴承(5)等。除轴的材料为优质碳素钢外，其余均为铸铁制成。

泵体与泵盖构成叶轮的工作室，在进、出水法兰上制有安装真空表和压力表的管螺孔，进出水法兰的下部制有放水的管螺孔。

叶轮经过静平衡校验，用轴套和两侧的轴套螺母固定，其轴向位置可以通过轴套螺母进行调整，叶轮的轴向力利用其叶片的对称布置达到平衡，可能还有一些剩余轴向力则由轴端的轴承承受。

泵轴由两个单列向心球轴承支承，轴承装在泵体两端的轴承体内，用黄油润滑。双吸密封环用以减少水泵叶轮处泄漏水。

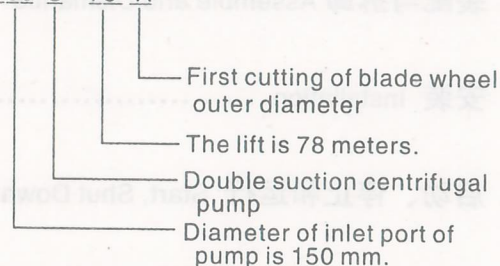
I. Summary

S-type pump is a single-stage-double-suction horizontal middle-opening centrifugal pump. It is used for conveying of clear water or liquids with physical and chemical properties similar to water. The highest temperature of the liquid should not exceed 80 degree Celsius. It is suitable for water supply and drainage of factory, mine, city and power station, drainage and irrigation of farming field, and various hydraulic engineering.

Meaning of the code of the pump:

For example:

150 S-78 A



II. Structure description

The suction port and discharge port of this pump are both placed below the axis of the pump, perpendicular to the axis and arranged horizontally. The pump shell opens in the middle, it is not necessary to dismantle the feeding and discharging pipeline and motor (or other prime mover) during maintenance. Looking from the direction of the shaft coupling, the pump turns clockwise. When necessary, pump with turning direction of anti-clockwise can also be produced, but it must be pointed out when placing the order.

The main parts of this type of pump include: pump body (1), pump cover (2), blade wheel (3), shaft (4), double suction sealing ring (5), shaft sleeve (6), etc. With the exception of the shaft which is made of high quality carbon steel, all the other parts are made of cast iron.

The pump body and the pump cover form the working chamber of the blade wheel. There are tube screw holes machined on the water inlet and outlet flanges for installation of vacuum meter and pressure meter. There are tube screw holes machined at the bottom of the water inlet and outlet flanges for discharging of water.

After static balance test of blade wheel, the blade wheel is fixed by the shaft sleeve and the shaft sleeve nuts at both sides. Its axial position can be adjusted by the shaft sleeve nuts. The axial force of the blade wheel obtains balance through the symmetrical arrangement of the blades, and some possible residue axial force is borne by the bearing at the shaft end.

The pump shaft is supported by two single row radial ball bearings, which are installed in the bearing body at both ends of pump body and lubricated by consistent grease. The double suction sealing ring can reduce the water leakage at the position of blade wheel of pump.

水泵通过弹性联轴器与电动机直接传动。(如果必须采用橡胶带传动时,应另设支架)。

轴封为软填料密封,为了冷却润滑密封腔和防止空气漏入泵内,在填料之间装有填料环,水泵工作时少量高压水通过泵盖中开面上的梯形凹槽流入料腔,起水封作用。

三、装配与拆卸

1、 装配转子部件:依次将叶轮、轴套、轴套螺母、填料环、填料压盖、挡水圈、轴承部件装在泵轴上,并套上双吸密封环,然后装上联轴器。

2、 分别检查转子部件上叶轮的密封部位外圆,轴套外圆其径向跳动应不超过下表的规定:

名义直径	<50	50~120	120~250	250~500	500~800	800~1250
跳动量	0.03	0.04	0.05	0.06	0.08	0.10

3、 将转子部件装在泵体上,调整叶轮,使其轴向位置位于两侧双吸密封环的中间后加以固定,并将轴承体压盖由固定螺钉紧固。

4、 装上填料,放好中开面纸垫,盖上泵盖,拧紧螺尾锥销后,拧紧泵盖螺母,最后装上填料压盖。但不要把填料压得太紧,填料过紧会使轴套发热,耗费功率较大;也不要压得太松,过松会使液体渗漏大,水泵效率降低。

装配完成后,用手转动泵轴,没有擦碰现象,转动比较轻滑均匀即可。拆卸可按上述装配顺序相反地进行。

The pump is driven by the motor directly through flexible shaft coupling (If the driving method has to be rubber belt, then additional supporting stand must be installed.)

The shaft seal adopts flexible stuffing material. In order to cool the lubricating seal chamber and prevent the air from entering the pump, there is stuffing ring installed between the stuffing material. When the pump is running, a small amount of high pressure water is flowed into the stuffing chamber through the trapezoid groove on the middle opening surface of the pump cover, and it has the effect of water sealing.

III. Assembling and dismantling

1. Assembling of rotor parts: install the blade wheel, shaft sleeve, shaft sleeve nut, stuffing ring, stuffing press cover, water deflector, and bearing parts onto the shaft in turn. Put on the double suction sealing ring, finally install the shaft coupling.

2. Check the outer circle of the sealing part of the blade wheel of rotor and the outer circle of shaft sleeve, make sure that their radial jumping is not exceeding the stipulation of the following table:

Nominal diameter	<50	50~120	120~250	250~500	500~800	800~1250
Jumping amount	0.03	0.04	0.05	0.06	0.08	0.10

3. Install the rotor parts onto the pump body, adjust the blade wheel and make sure that its axial position is exactly at the center of the double suction sealing ring of both sides, fix the blade wheel, tighten the bearing body press cover with fixing screws.

4. Load the stuffing material, place the paper cushion of the middle opening surface, put on the pump cover, tighten the conical pin of the screw end, tighten the nuts of the pump cover, and finally install the stuffing press cover. However, do not press the stuffing too tight, as too tight stuffing will cause the heating of shaft sleeve and consumes too much power; on the other hand, do not leave the stuffing too loose, as too loose stuffing will increase the leakage of the liquid and reduce the efficiency of the pump.

After the installation, turn the pump shaft with hand. If there is no abrasion and bumping and the rotation is smooth and light, it is normal. The dismantling can be made at the opposite sequence.

四、安 装

1、检查水泵和电动机应无损坏。

2、水泵的安装高度，加上吸入管路的水力损失，及其速度能即为装置汽蚀余量 $NPSH_A$ ， $NPSH_A$ 要大于 $NPSH_R$ 。基础尺寸应符合泵机组的安装尺寸。

3、安装顺序：

(1) 将水泵放在埋有地脚螺栓的混凝土基础上，用调整其间的楔形垫块的方法校正水平，并适当拧紧地脚螺栓，以防走动；

(2) 在基础与泵底脚之间灌注混凝土；

(3) 待混凝土干固后，拧紧地脚螺栓，并重新检查水泵的水平度；

(4) 校正电动机轴与水泵轴的同心度。使两轴成一直线，在两联轴器外圆上的不同心度允差为 0.1 毫米，端面间隙沿圆周的不均匀允差 0.3 毫米（在联接进出水管路及试运行后再分别校核一遍，仍应符合上述要求）；

(5) 在检查电动机转向与水泵的转向相一致后，装上联轴器的联接柱销。

4、进出水管路应另设支架支撑，不得籍泵本体支承。

5、水泵与管路之间的结合面，应保证良好的气密性，尤其是进水管路，必须保证严格的不漏气，并且在装置上应无窝存空气的可能。

6、如水泵安装在进水水位以上时，为了灌泵起动，一般可装底阀，也可采用真空引水的方法。

7、水泵的出水管路中，一般需装闸阀和止回阀（扬程小于 20 米的可不用），止回阀装在闸阀后面。以上所述的安装方法是指不配带公共底座的水泵机组。安装配带公共底座的泵，用调整底座与混凝土基础之间的楔形垫铁来校正机组的水平，然后在其间灌注混凝土。其安装原则与要求，和不配带公共底座的机组相同。

IV. Installation

1. Make sure that the pump and motor have no damage.

2. The installation height of the pump, plus the water force loss of the suction pipeline and the speed kinetic energy is called the cavitation residue $NPSH_A$, and the $NPSH_A$ should be higher than $NPSH_R$. The dimensions of the foundation should be conformed to the installation dimensions of the pump machine group.

3. Installation procedure:

(1) Place the pump on the concrete foundation buried with anchorage bolts, adjust the levelness through adjusting the wedge shape cushion block, and tighten the anchorage bolts properly to avoid slipping;

(2) Fill the concrete into the space between the foundation and pump foot;

(3) When the concrete is solidified, tighten the anchorage bolts, and check the levelness of the pump again;

(4) Adjust the concentricity of the motor shaft and the pump shaft. Make the two axes in one straight line. On the outer circles of the two shaft couplings, the allowance of non-concentricity should be less than 0.1 mm. The allowance for unevenness of the end surface gap alongside the circle should be less than 0.3 mm (After the water inlet and outlet pipelines are connected and trial run is made, make a repeated examination and the above requirements should continue to be met).

(5) After checking that the rotation direction of the motor is consistent with that of the pump, install the connecting pin of the shaft coupling.

4. The water inlet and outlet pipelines should be supported by additional support stand. They should not be supported by the pump body itself.

5. The junction surface between the pump and pipe should have good air tightness, especially the inlet pipeline shall not have air leakage and there should be no possibility of air residue in the equipment.

6. If the installation position of the pump is higher than the water inlet level, a foot valve is generally installed to fill water into the pump for priming, also vacuum method may be used for water invitation.

7. On the outlet pipeline of the pump, gate valve and check valve are commonly required (not necessary if the lift is less than 20 m), and the check valve should be installed on the back of the gate valve. The above mentioned installation method applies to pump machine group without public foundation. For installation of pump with public foundation, the levelness of the machine group can be adjusted by the wedge shape cushion iron block between the pump foot and the concrete foundation, then concrete is poured between them. The installation principle and requirements are the same as the machine group without public foundation.

五、起动、停止和运行

1、起动与停止

(1) 起动前, 转动泵的转子, 应该轻滑均匀;
(2) 关闭出水闸阀, 向泵内注水(如无底阀则用真空泵抽吸水), 要保证泵内充满水, 无空气窝存在。

(3) 如果泵上装有真空表或压力表, 要关闭其与泵相连接的旋塞再起电动机, 待转速正常后再打开; 然后逐渐打开出水闸阀, 如流量过大, 可以适当地关小闸阀进行调节, 反之, 流量过小时, 将闸阀开大。

(4) 均匀地拧紧填料压盖上的压紧螺母, 使液体成滴状漏出, 同时注意填料腔外的温升。

(5) 当停止水泵的运转时, 要先关闭真空表及压力表的旋塞和出水管路上的闸阀, 然后切断电动机的电源, 如所处环境的温度较低时, 则应将泵体下部的四方螺塞打开, 去掉剩水, 以免冻裂。

(6) 长期停止使用时, 应拆开水泵, 将零件上的水擦干, 在加工表面涂上防锈油保管好。

2、运转:

(1) 水泵轴承最高温度不应超过75℃;
(2) 润油轴承用的钙基黄油的数量以占轴承体空间的1/3~1/2为宜;
(3) 填料磨损时可适当压紧填料压盖, 若磨损过多应予更换;
(4) 定期检查弹性联轴器部件, 注意电机轴承温升;

(5) 运转过程中, 如发现噪声或其他不正常的声音时, 应立即停车, 检查其原因, 加以消除;

(6) 不得任意提高水泵的转速, 但可以降低转速使用, 如本型泵额转速为 n , 流量为 Q , 扬程为 H , 轴功率为 N , 降低转速为 n_1 , 降速后流量、扬程、轴功率分别为 Q_1 、 H_1 和 N_1 , 其相互关系, 可用下列公式进行换算:

$$Q_1 = \left(\frac{n_1}{n} \right) Q$$

$$H_1 = \left(\frac{n_1}{n} \right)^2 H$$

$$N_1 = \left(\frac{n_1}{n} \right)^3 N$$

V. Start, stop and run

1. Start and stop

(1) Before starting, turn the rotor of the pump, it should be smooth, light and even;

(2) Close the water discharge gate valve, fill the lead water into the pump (if there is no foot valve, then a vacuum pump is required for pumping of lead water), make sure that the pump is filled with water, and there is no air residue.

(3) If there is vacuum meter or pressure meter installed on the pump, then their faucets connected to the pump must be closed before starting the motor. After the rotation speed is normal, the faucets can be opened. Then open the discharge gate valve gradually. If the flow is too big, it can be adjusted by turning down of the gate valve; and visa versa.

(4) Evenly tighten the press nuts of the stuffing press cover, make the liquid leak drop-wise, at the same time, take care of the temperature increase of the exterior of the stuffing chamber.

(5) When stopping the pump, first turn off the faucets of the vacuum meter and pressure meter and the gate valve of water discharge pipeline, then cut off the power of motor. If the environment temperature is too low, the square plug screws shall be opened to remove the residue water and prevent it from frost crack.

(6) When the pump is not used for a long time, it shall be dismantled. Wipe off the water on the parts of the pump, add rust-resistant oil onto the mechanical surface, and store it well.

2. Running

(1) The temperature of the bearing of the pump shall not exceed 75 degree Celsius;

(2) The amount of calcium base grease used for lubricating of bearing shall be 1/3~1/2 of the space of the bearing body;

(3) When the stuffing material is slightly worn out, the stuffing press cover can be pressed properly, but if it is worn out too severely, it should be replaced;

(4) Check the flexible shaft coupling parts periodically, be aware of the temperature increase of the motor bearing;

(5) During the operation, if noise or other abnormal sound is found, it must be stopped immediately to find the reason, and eliminate the trouble;

(6) The rotation speed of the pump should not be increased at will, but it may be used at reduced rotation speed. For a pump with rated rotation speed of n , flow rate of Q , lift of H and shaft power of N , if the speed is lowered to n_1 , the flow rate, lift and shaft power after decrease of speed are Q_1 , H_1 and N_1 , the relations can be converted with the following equations:

$$Q_1 = \left(\frac{n_1}{n} \right) Q$$

$$H_1 = \left(\frac{n_1}{n} \right)^2 H$$

$$N_1 = \left(\frac{n_1}{n} \right)^3 N$$

六、可能发生的故障及其消除方法

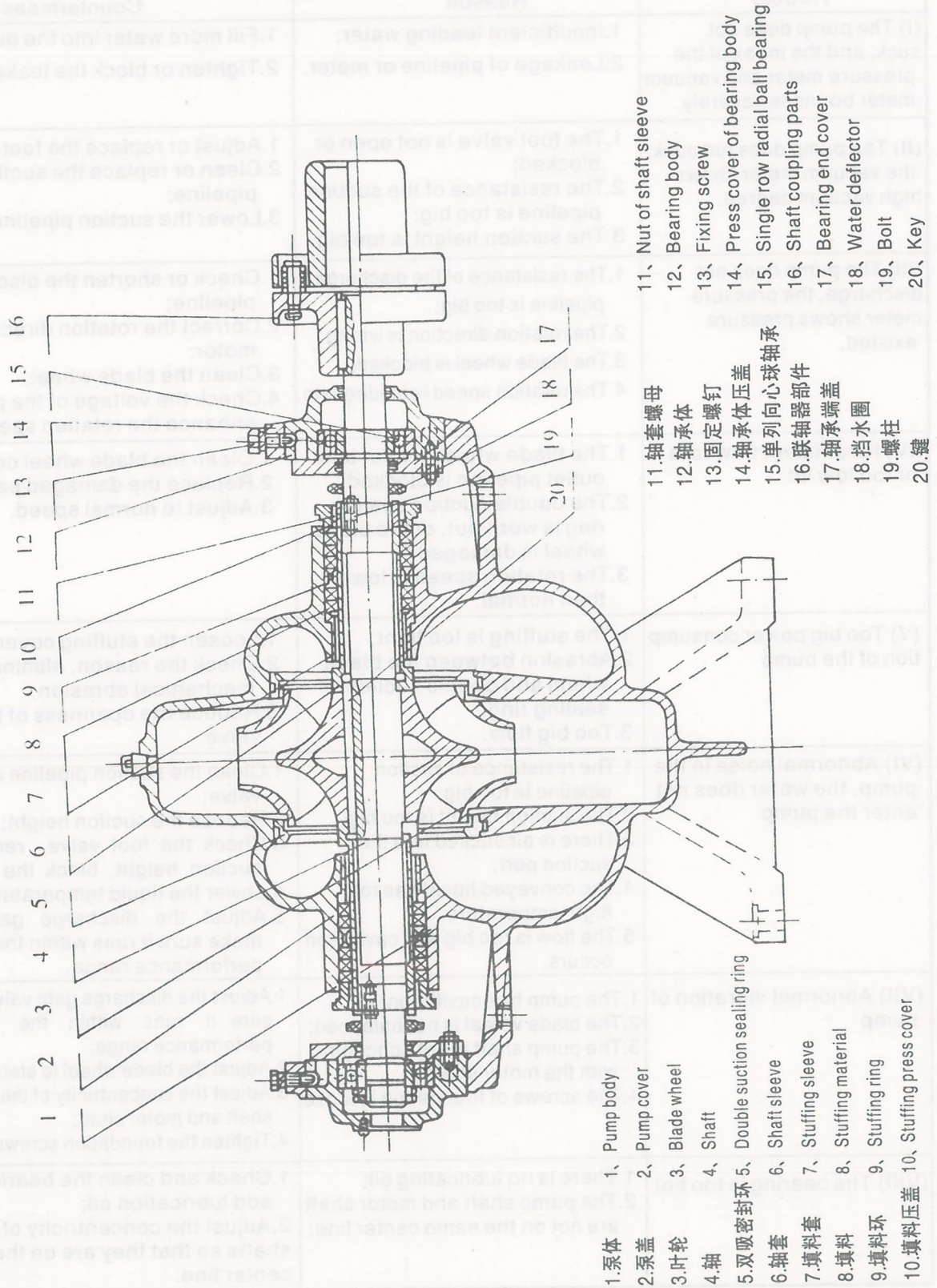
故 障	原 因	消除方法
(一)泵不吸水, 压力表及真空表的指针剧烈跳动。	1、注入的水不够; 2、管路或仪表漏气。	1、再往泵内注水; 2、拧紧堵塞漏气处。
(二)泵不吸水, 真空表显示高度真空。	1、底阀没打开或已淤塞; 2、吸水管路的阻力太大; 3、吸水高度太高。	1、校正或更换底阀; 2、清洗或更换吸水管路; 3、降低吸水管路。
(三)泵不出水, 压力表显示有压力。	1、出水管路阻力太大; 2、旋转方向不对; 3、叶轮堵塞; 4、转速不够。	1、检查或缩短出水管路; 2、纠正电动机的旋转方向; 3、清洗叶轮; 4、检查电源电压, 提高转速。
(四)流量不足或扬程太低。	1、叶轮或进出水管路堵塞; 2、双吸密封环磨损过多, 或叶轮损坏; 3、转速低于规定值。	1、清洗叶轮或管路; 2、更换损坏的零件; 3、调正至额定转速。
(五)泵消耗的功率过大	1、填料压得太紧; 2、叶轮与双吸密封环磨擦; 3、流量过大。	1、拧松填料压盖; 2、检查原因, 消除机械磨擦; 3、减少闸阀开度。
(六)泵内部声音反常, 泵不上水。	1、吸水管阻力过大; 2、吸水高度过高; 3、吸水处有空气吸入; 4、所吸送液体温度过高; 5、流量过大而发生汽蚀现象。	1、清理吸水管路及底阀; 2、降低吸水高度; 3、检查底阀, 降低吸水高度, 堵塞漏气处; 4、降低液体温度; 5、调节出水闸阀, 使之在规定的性能范围内运转。
(七)泵不正常振动。	1、泵发生了汽蚀; 2、叶轮不平衡; 3、泵轴与电动机轴不同心; 4、底脚螺钉松动。	1、调节出水闸阀, 使之在规定的性能范围内运转; 2、叶轮校正静平衡; 3、校正泵轴与电动机轴的同心度; 4、拧紧底脚螺钉。
(八)轴承过热。	1、轴承内没有油; 2、泵轴与电机轴不在同一中心线上。	1、检查并清洗轴承体, 加润滑油; 2、校正两轴的同心度使在同一中心线上。

VI. Possible troubles and relative countermeasures

Trouble	Reason	Countermeasure
(I) The pump does not suck, and the index of the pressure meter and vacuum meter bounces severely.	1. Insufficient leading water; 2. Leakage of pipeline or meter.	1. Fill more water into the pump; 2. Tighten or block the leakage.
(II) The pump does not suck, the vacuum meter shows high vacuum degree.	1. The foot valve is not open or blocked; 2. The resistance of the suction pipeline is too big; 3. The suction height is too big.	1. Adjust or replace the foot valve; 2. Clean or replace the suction pipeline; 3. Lower the suction pipeline.
(III) The pump does not discharge, the pressure meter shows pressure existed.	1. The resistance of the discharge pipeline is too big; 2. The rotation direction is wrong; 3. The blade wheel is blocked; 4. The rotation speed is inadequate.	1. Check or shorten the discharge pipeline; 2. Correct the rotation direction of the motor; 3. Clean the blade wheel; 4. Check the voltage of the power, enhance the rotation speed.
(IV) Insufficient flow rate or too low lift	1. The blade wheel or inlet and outlet pipeline is blocked; 2. The double suction sealing ring is worn out, or the blade wheel is damaged; 3. The rotation speed is lower than normal.	1. Clean the blade wheel or pipeline; 2. Replace the damaged parts; 3. Adjust to normal speed.
(V) Too big power consumption of the pump	1. The stuffing is too tight; 2. Abrasion between the blade wheel and double suction sealing ring; 3. Too big flow.	1. Loosen the stuffing cover; 2. Check the reason, eliminate the mechanical abrasion; 3. Reduce the openness of the gate valve.
(VI) Abnormal noise in the pump, the water does not enter the pump	1. The resistance of suction pipeline is too big; 2. The suction height is too big; 3. There is air sucked into the suction port; 4. The conveyed liquid has too high temperature; 5. The flow is too big and cavitation occurs.	1. Clean the suction pipeline and foot valve; 2. Reduce the suction height; 3. Check the foot valve, reduce the suction height, block the leakage; 4. Lower the liquid temperature; 5. Adjust the discharge gate valve, make sure it runs within the required performance range.
(VII) Abnormal vibration of pump	1. The pump has cavitation; 2. The blade wheel is not balanced; 3. The pump shaft is not concentric with the motor shaft; 4. The screws of foundation is loose	1. Adjust the discharge gate valve, make sure it runs within the required performance range; 2. Adjust the blade wheel to static balance; 3. Adjust the concentricity of the pump shaft and motor shaft; 4. Tighten the foundation screws.
(VIII) The bearing is too hot	1. There is no lubricating oil; 2. The pump shaft and motor shaft are not on the same center line.	1. Check and clean the bearing body, add lubrication oil; 2. Adjust the concentricity of the two shafts so that they are on the same center line.

七、S型泵结构图

Structure drawing of S-type pump



八、S 型泵工作性能表
Operating performance table of S-type pump

泵 型 号 Pump Type	流 量 Q Capacity		扬程H Head 米 m	转速n Speed (转/分) r/min	功率N (千瓦) Power (KW)		效率η Efficiency (%)	必须汽 蚀余量 NPSH _R (米) m	叶轮直径 D Impeller Diameter (毫米) mm	重量 泵/底座 Weight Pump/base (公斤) kg
	(米³/时) m³/h	(升/秒) L/s			轴功率 Shaft Power	电动机 Motor				
150S-100	160	44.5	100	2950	59.8	75	73	4.5	-	168/112
150S-78	160	44.5	78	2950	46	55	74	4.5	245	158/112
150S-78A	140	39	60		31.9	45	72		223	158/95
150S-50	160	44.5	50	2950	27.6	37	79	4.5	206	147/112
150S-50A	140	39	39		19.9	30	75		185	147/95
150S-50B	133	36.9	36		18.6	22	70		170	147/80
200S-95	280	78	95	2950	94.4	132	77	5	282	240/-
200S-95A	268	74.5	87		84.8	110	75		270	240/-
200S-95B	245	68	72		64.9	75	74		250	240/-
200S-63	280	78	63	2950	59.5	75	81	5	235	187/135
200S-63A	245	68	48		41.6	55	77		210	187/124
200S-42	280	78	42	2950	37.7	45	85	5	204	219/108
200S-42A	245	68	36		30	37	80		193	219/108
250S-65	485	134.5	65	1450	108.5	132	79	3.8	450	518/-
250S-65A	420	116.5	48		71.2	90	77		400	518/-
250S-39	485	134.5	39	1450	62	75	83	3.8	367	400/240
250S-39A	420	116.5	29		42.5	55	78		328	400/233
250S-24	485	134.5	24	1450	36.9	45	86	3.8	285	305/225
250S-24A	420	116.5	20		27.6	37	83		265	305/215
250S-14	485	134.5	14	1450	21.7	30	85	3.8	245	305/225
250S-14A	420	116.5	10		14.1	18.5	81		214	305/215
300S-90	790	219	90	1450	242	315	80	4.8	530	840/-
300S-90A	756	210	78		217	280	74		500	840/-
300S-90B	720	200	67		180	220	73		470	840/-

S 型泵工作性能表
Operating performance table of S-type pump

泵 型 号 Pump Type	流 量 Q Capacity		扬程H Head 米 m	转速n Speed (转/分) r/min	功率N (千瓦) Power (KW)		效率 η Efficiency (%)	必须汽 蚀余量 NPSH _R (米) m	叶轮直径 D Impeller Diameter (毫米) mm	重量 泵/底座 Weight Pump/base (公斤) kg
	(米 ³ /时) m ³ /h	(升/秒) L/s			轴功率 Shaft Power	电动机 Motor				
300S-58	790	219	58	1450	148.2	180	84	4.8	445	599/-
300S-58A	735	204	50		122	160	82		419	599/-
300S-58B	685	190	43		100.3	132	80		394	599/-
300S-32	790	219	32	1450	79	90	87	4.8	348	709/-
300S-32A	700	194.5	26		60	75	84		318	709/-
300S-19	790	219	19	1450	46.9	55	87	4.8	290	434/485
300S-19A	700	194.5	15		34.8	45	82		260	434/490
300S-12	790	219	12	1450	31.1	37	83	4.8	251	413/243
300S-12A	700	194.5	10		24.1	30	79		251 R121切割	413/237
350S-125	1260	351	125	1450	531	630	81	5.5	655	1580/-
350S-125A	1181	328	112		462	560	78		633	1580/-
350S-125B	1098	305	96		373	500	77		615	1580/-
350S-75	1260	351	75	1450	304	355	85	5.5	503	1200/-
350S-75A	1170	325	65		247	280	84		470	1200/-
350S-75B	1080	300	55		197	220	82		443	1200/-
350S-44	1260	351	44	1450	177.6	220	87	5.5	406	1105/-
350S-44A	1116	314	36		130	160	84		370	1105/-
350S-26	1260	350	26	1450	101.4	132	88	5.5	340	672/-
350S-26A	1130	314	21		77.8	90	83		310	672/-
350S-16	1260	350	16	1450	63.8	75	86	5.5	290	632/-
350S-16A	1130	314	12		45.6	55	81		250 R121切割	632/-

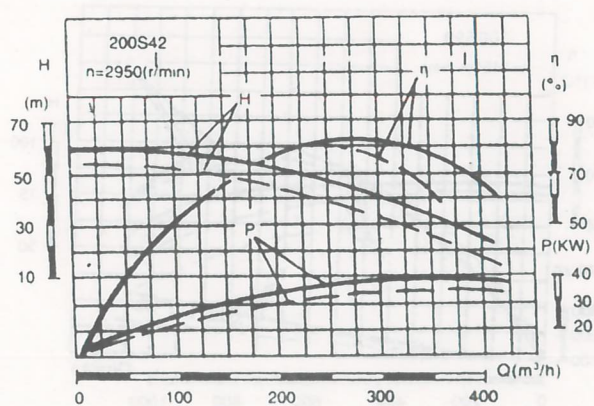
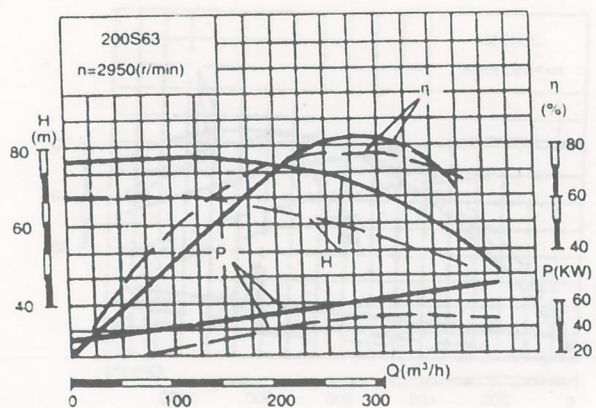
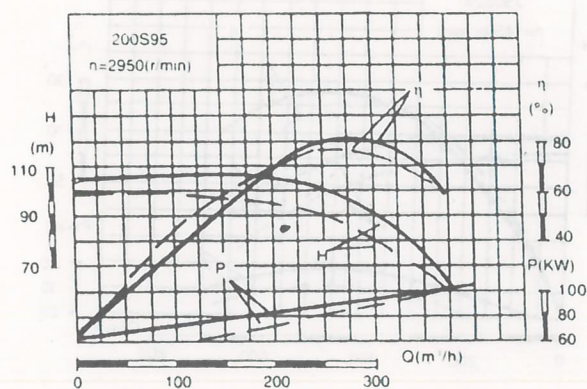
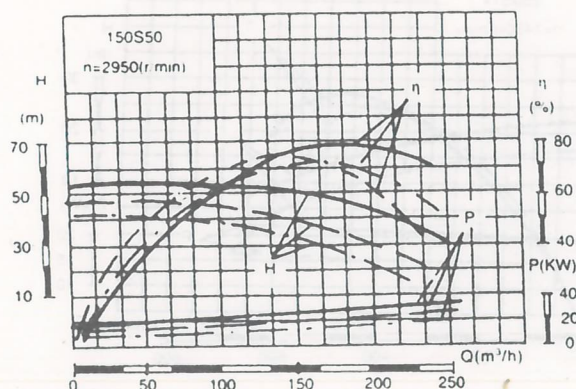
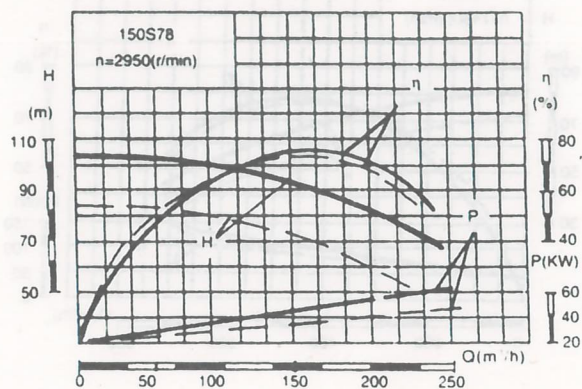
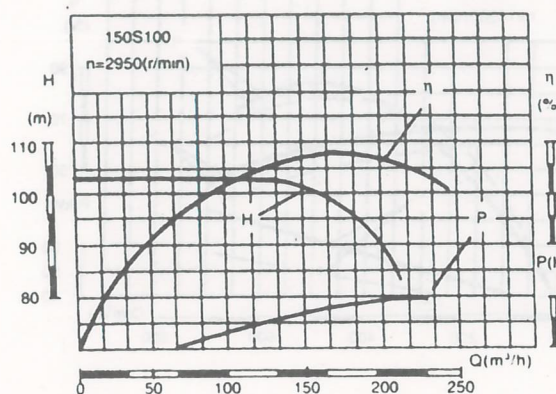
S 型泵工作性能表
Operating performance table of S-type pump

泵 型 号 Pump Type	流 量 Q Capacity		扬程H Head 米 m	转速 n Speed (转/分) r/min	功率N (千瓦) Power (KW)		效率 η Efficiency (%)	必须汽 蚀余量 NPSH _R (米) m	叶轮直径 D Impeller Diameter (毫米) mm	重量 泵/底座 Weight Pump/base (公斤) kg
	(米 ³ /时) m ³ /h	(升/秒) L/s			轴功率 Shaft Power	电动机 Motor				
500S-98	2020	561	98	970	678	800	79.5	6	860	-
500S-98A	1872	520	83		540	630	78.5		800	-
500S-98B	1746	485	74		452	560	78		745	-
500S-59	2020	561	59	970	392	450	83	6	675	-
500S-59A	1872	520	49		333	400	75		630	-
500S-59B	1746	485	40		258	315	74		585	-
500S-35	2020	561	35	970	219	280	88	6	530	-
500S-35A	1746	485	27		152	220	85		498	-
500S-22	2020	561	22	970	144.2	185	84	6	460	1722/-
500S-22A	1746	485	17		101	130	80		410	1722/-
500S-13	2020	561	13	970	86.2	115	83	6	390	-
600S-75	3170	880	75	970	761	900	85	8.7	782	-
600S-75A	2880	800	62		608.2	710	80	7.5	716	-
600S-47	3170	880	47	970	461	560	88	7.5	626	-
600S-32	3170	88	32	970	314	355	88	7.5	540	-
600S-32A	2880	800	27		246	280	86		500	-
600S-32B	2628	730	22		187.4	220	84		-	-
600S-22	3170	880	22	970	215.7	250	88	7	485	-
600S-22A	2880	796	18		161.4	185	87		-	-

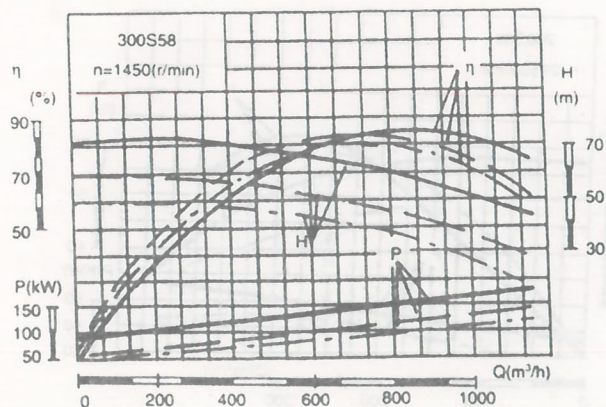
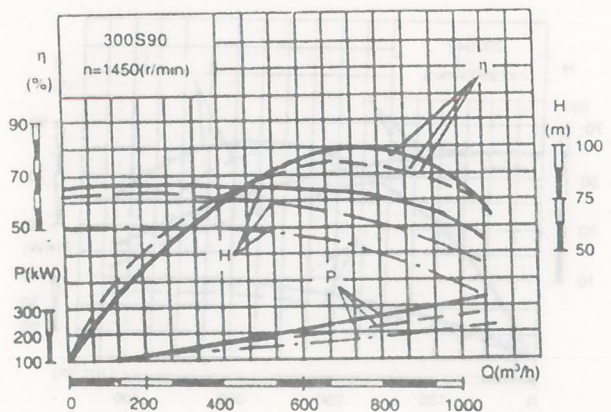
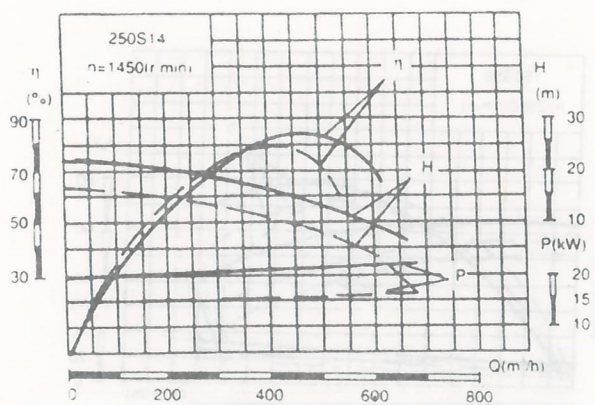
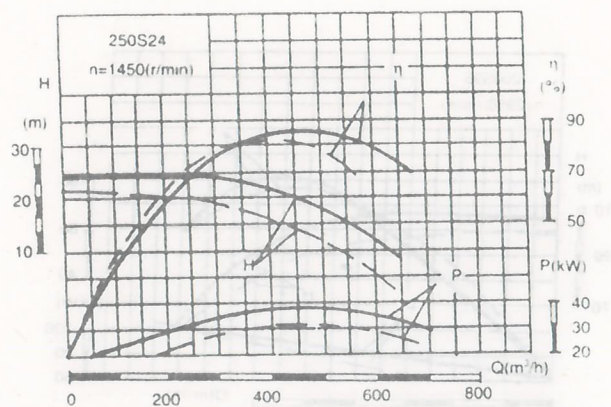
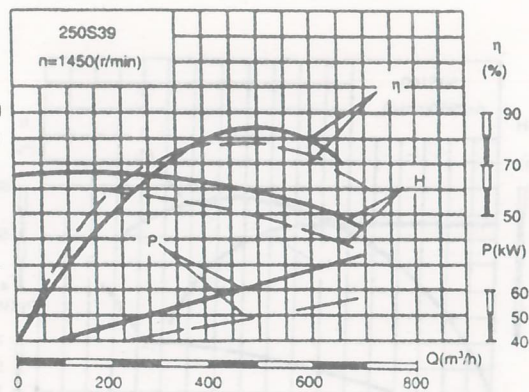
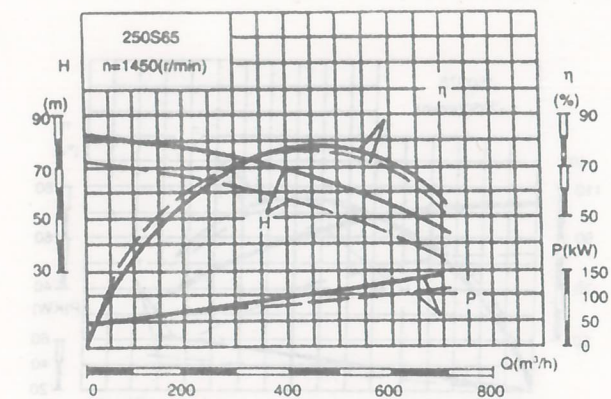
S 型泵工作性能表
Operating performance table of S-type pump

泵 型 号 Pump Type	流 量 Q Capacity		扬程H Head 米 m	转速n Speed (转/分) r/min	功率N (千瓦) Power (KW)		效率η Efficiency (%)	必须汽 蚀余量 NPSH _R (米) m	叶轮直径 D Impeller Diameter (毫米) mm	重量 泵/底座 Weight Pump/base (公斤) kg
	(米³/时) m³/h	(升/秒) L/s			轴功率 Shaft Power	电动机 Motor				
800S-22	5500	1528	22	730	370.2	450	89	7	-	-
	4400	1222	14	585	190.6	250	88	5	-	-
800S-22A	4830	1342	17	730	254.1	315	88	7	-	-
	3870	1075	11	585	133.3	185	87	5	-	-
800S-32	5500	1528	32	730	538.5	630	89	7	740	6723/-
	4400	1222	20.5	585	279.1	315	88	4.5	680	6723/-
800S-32A	4950	1375	26	730	378.3	450	88	7	740	6723/-
	3960	1100	16.5	585	204.5	250	87	4.5	680	6723/-
800S-47	5500	1528	47	730	782	1000	90	6.5	-	-
	4400	1222	30	585	403.9	450	89	4	-	-
800S-47A	5070	1408	40	730	620.5	710	89	6.5	-	-
	4060	1128	25	585	314.1	355	88	6	-	-
800S-76	5500	1528	76	730	1293.6	1600	88	6	-	-
	4400	1222	49	585	674.9	800	87	4	-	-
800S-76A	5080	1411	65	730	1033.6	1250	87	6	-	-
	4070	1130	42	585	541.3	630	86	4	-	-
800S-76B	4680	1300	55	730	824.7	1000	85	6	-	-
	3750	1042	35	585	425.5	500	84	4	-	-

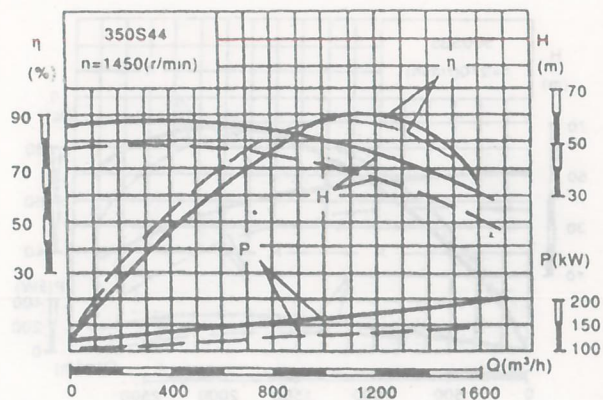
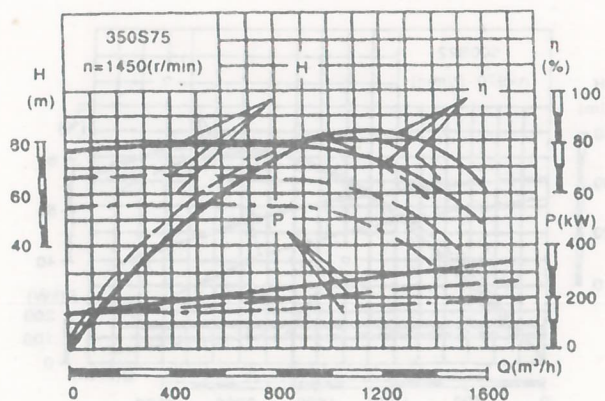
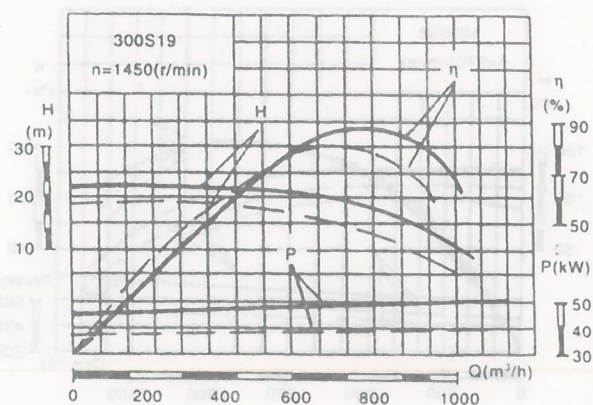
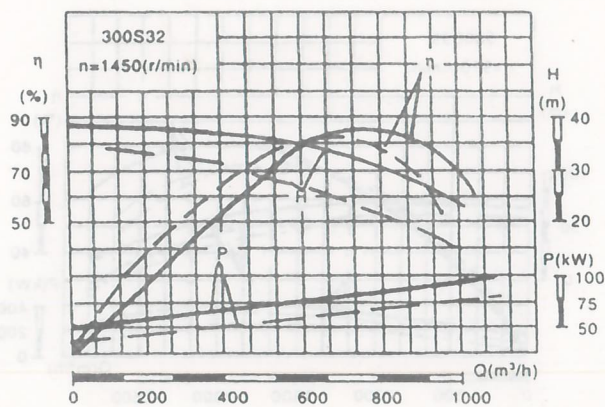
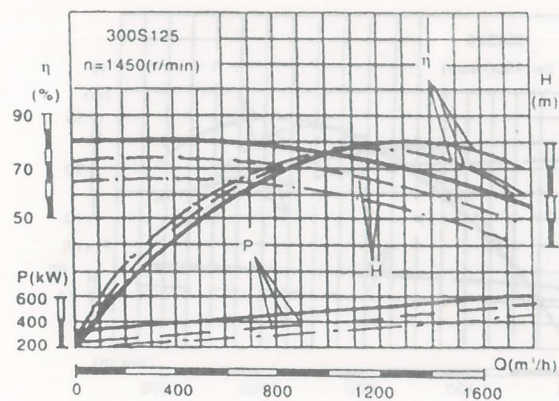
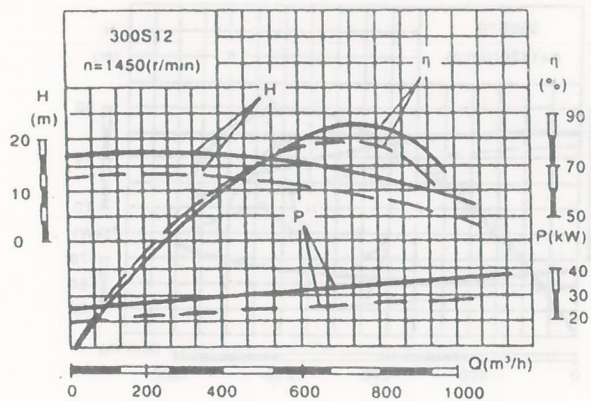
九、S型泵工作性能曲线 Operating performance curve of S-type pump



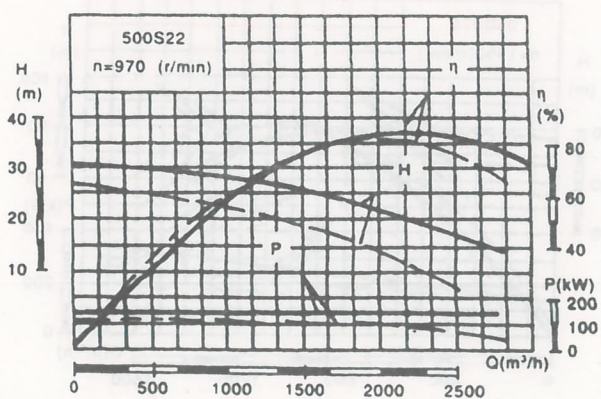
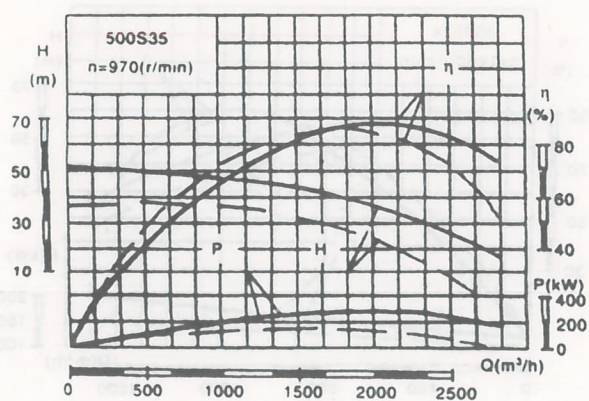
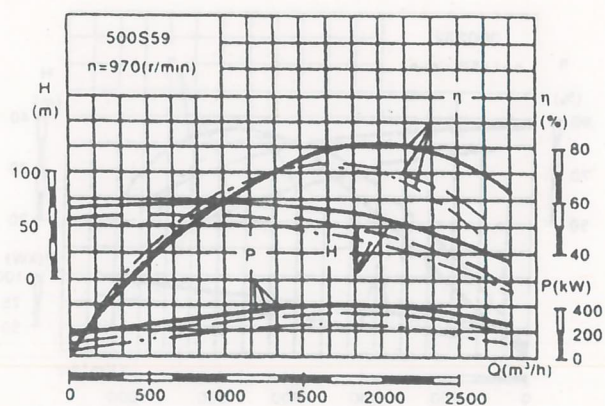
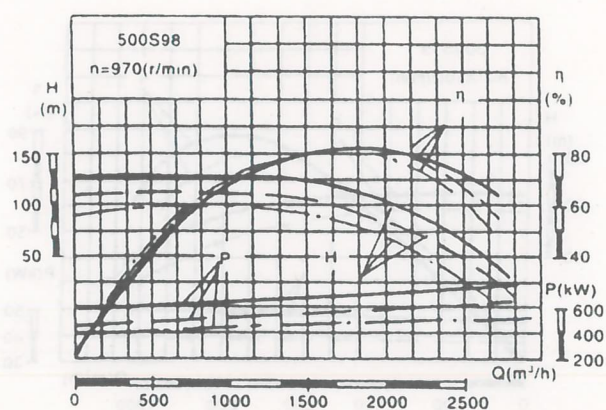
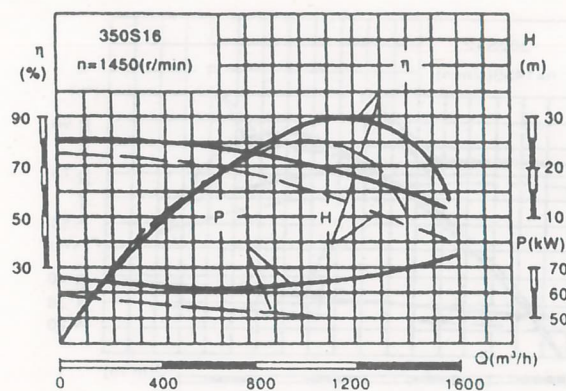
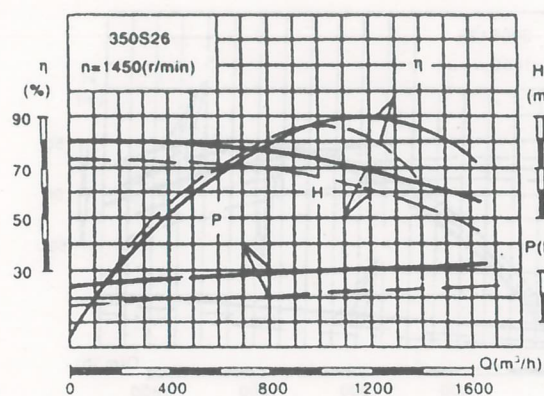
S 型泵工作性能表
Operating performance table of S-type pump



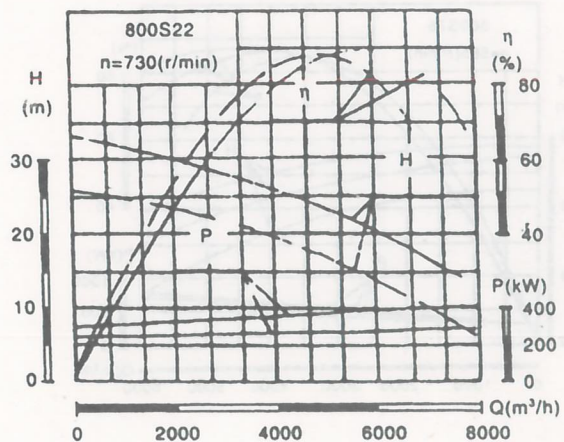
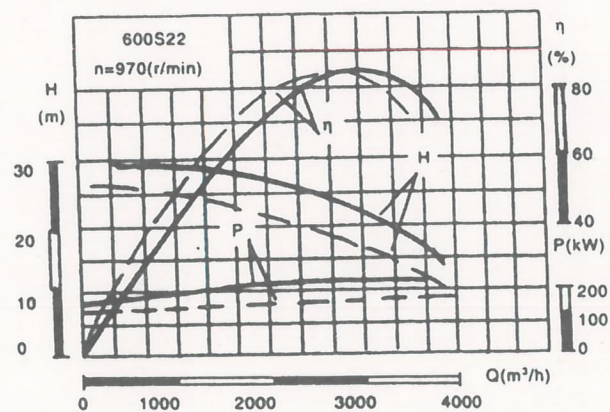
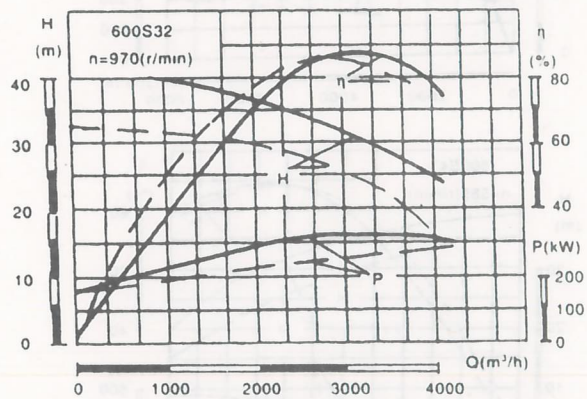
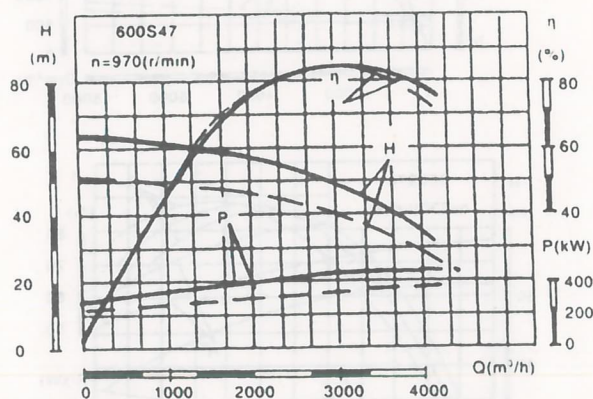
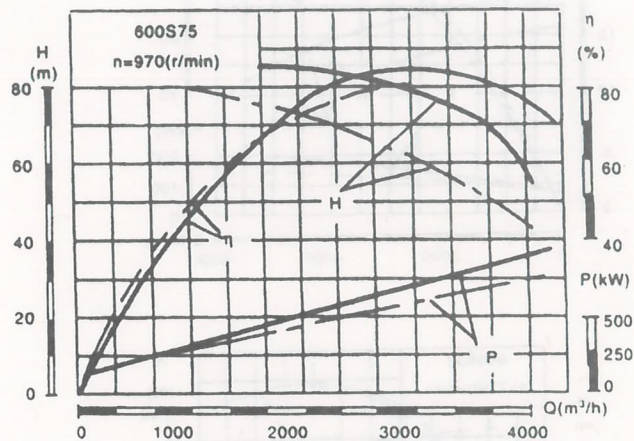
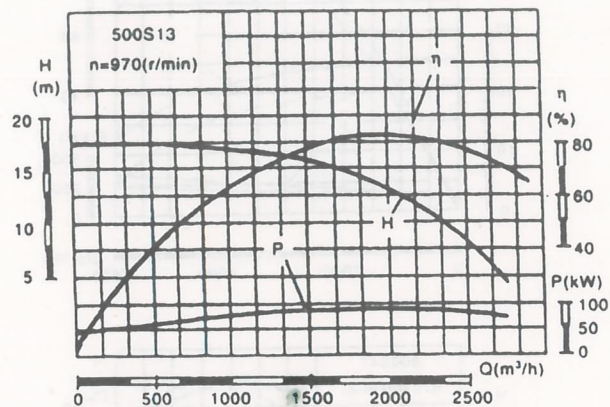
S 型泵工作性能表
Operating performance table of S-type pump

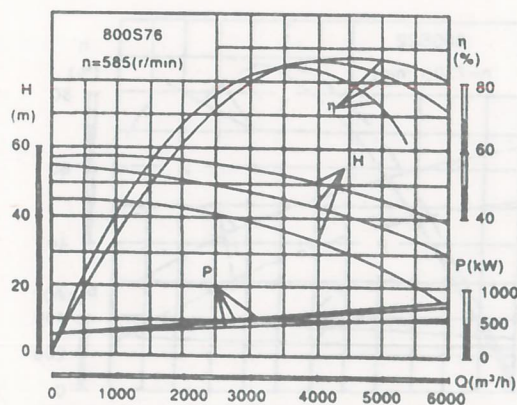
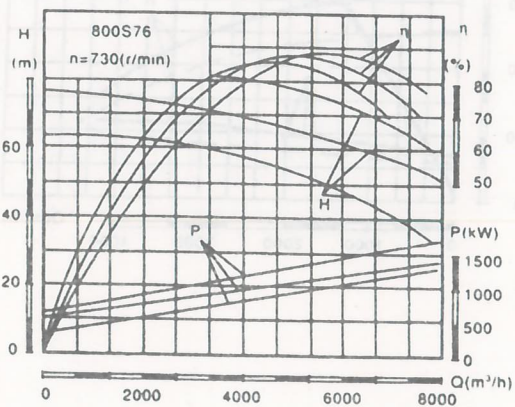
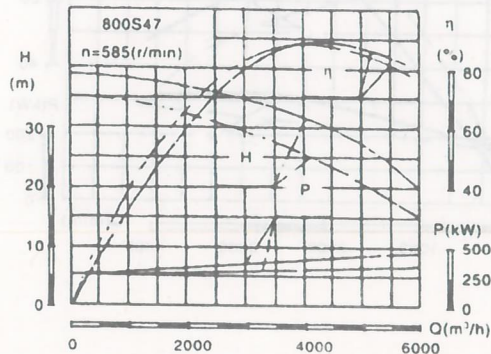
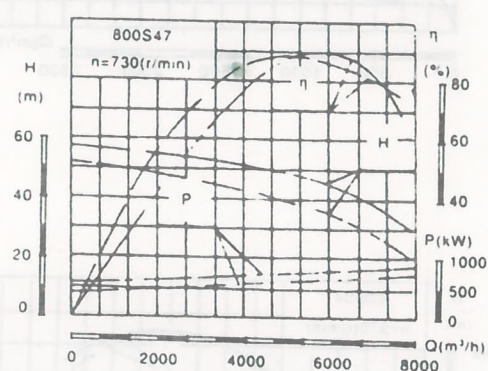
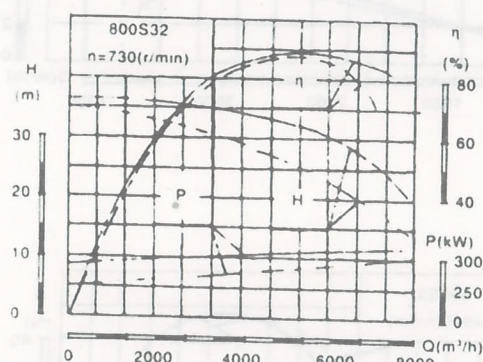
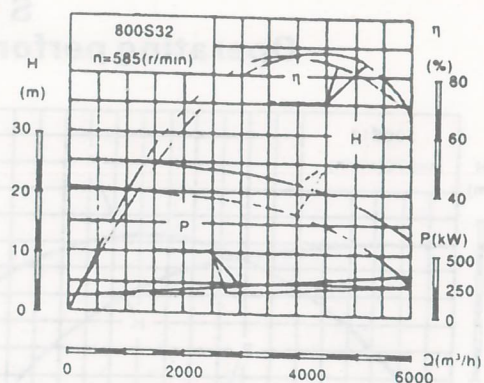
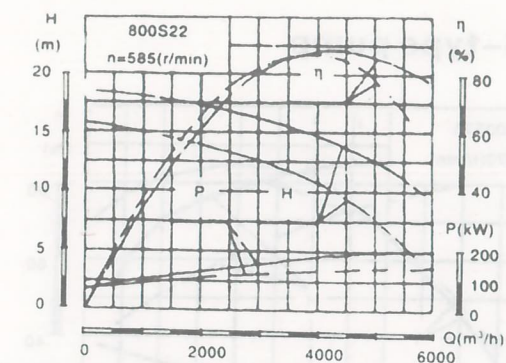


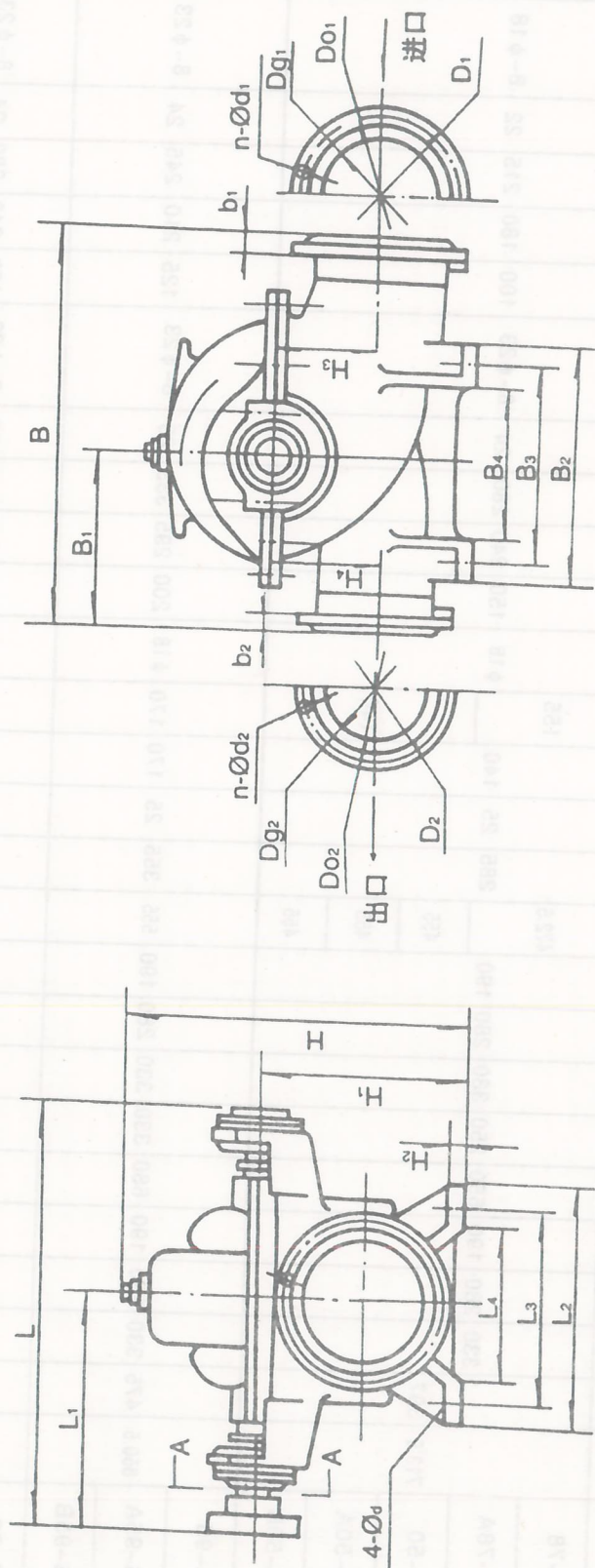
S 型泵工作性能表
Operating performance table of S-type pump



S 型泵工作性能表
Operating performance table of S-type pump







S 型泵外形尺寸图

单位: 毫米
Unit:mm

S型泵外形尺寸表
Outer dimensions table of S-pump

Outer dimensions table of S-pump																											
泵 外 形 尺 寸 Outer dimensions of pump														进 水 法 兰 尺 寸 Flange size of inlet water					出 水 法 兰 尺 寸 Flange size of outlet water								
泵的型号 Pump Type	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	B ₂	B ₃	B ₄	H	H ₁	H ₂	H ₃	H ₄	4-φd	Dg ₁	Do ₁	D ₁	b ₁	n-φd ₁	Dg ₂	Do ₂	D ₂	b ₂	n-φd ₂	
150S-100	708	389	250	200	135	530					455				140												
150S-78											472.5				155												
150S-78A			330	280	190	550	250	330	280	190		285	25	140		φ18	150	240	280	24	8-φ23	100	180	215	22	8-φ18	
150S-50	713.5	397									455				140												
150S-50A											455																
150S-50B											455																
200S-95																											
200S-95A	850.5	475	330	280	190	680	330	330	280	190	555	355	25	170	170	φ18	200	295	335	26	8-φ23	125	210	245	24	8-φ23	
200S-95B																											
200S-63																											
200S-63A	743.5	409	330	280	190	620	300	330	280	190	547	355	25	170	170	φ18	200	295	335	26	8-φ23	150	240	280	24	8-φ23	
200S-42																											
200S-42A	743.5	409	330	280	190	620	300	330	280	190	547	355	25	170	170	φ18	200	295	335	26	8-φ23	150	240	280	24	8-φ23	
250S-65																											
250S-65A	1100.5	612	510	450	330	880	400	620	550	430	856	510	40	240	300	φ27	250	350	390	28	12-φ23	150	240	280	24	8-φ23	

S型泵外形尺寸表
Outer dimensions table of S-pump

单位: 毫米
Unit: mm

Outer dimensions table of S-pump																												单位: 毫米 Unit:mm
泵的类型 Pump Type	泵 外 形 尺 寸 Outer dimensions of pump												进 水 法 兰 尺 寸 Flange size of inlet water						出 水 法 兰 尺 寸 Flange size of outlet water									
	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	B ₂	B ₃	B ₄	H	H ₁	H ₂	H ₃	H ₄	4-φd	Dg ₁	Do ₁	D ₁	b ₁	n-φd ₁	Dg ₂	Do ₂	D ₂	b ₂	n-φd ₂		
250S-39	983.5	552	410	350	230	890	440	510	450	330	750	450	30	200	260	φ27	250	350	390	28	12-φ23	200	295	335	26	8-φ23		
250S-39A	983.5	552	410	350	230	890	440	510	450	330	750	450	30	200	260	φ27	250	350	390	28	12-φ23	200	295	335	26	8-φ23		
250S-24																												
250S-24A	983.5	517	410	350	230	850	400	510	450	330	738	450	30	230	230	φ27	250	350	390	28	12-φ23	200	295	335	26	8-φ23		
250S-14																												
250S-14A	892.5	485	410	350	230	745	330	510	450	330	709	450	30	210	215	φ27	250	350	390	28	12-φ23	200	295	335	26	8-φ23		
300S-90																												
300S-90A	1185	660	510	450	330	1080	520	620	550	420	898	510	40	268	325	φ27	300	400	440	28	12-φ23	200	295	335	26	8-φ23		
300S-90B																												
300S-58																												
300S-58A	1140	630	510	450	330	1070	530	620	550	430	852	510	40	240	310	φ27	300	400	440	28	12-φ23	250	350	390	28	12-φ23		
300S-58B																												
300S-32																												
300S-32A	1100	605	520	450	300	880	410	600	450	300	824	510	40	260	270	φ27	300	400	440	28	12-φ23	250	350	390	28	12-φ23		

单位: 毫米
Unit:mm

S型泵外形尺寸表
Outer dimensions table of S-pump

泵 的 型 号 Pump Type		泵 外 形 尺 寸 Outer dimensions of pump												进 水 法 兰 尺 寸 Flange size of inlet water						出 水 法 兰 尺 寸 Flange size of outlet water							
		L	L ₁	L ₂	L ₃	L ₄	B	B ₁	B ₂	B ₃	B ₄	H	H ₁	H ₂	H ₃	H ₄	4-φd	Dg ₁	Do ₁	D ₁	b ₁	n-φd ₁	Dg ₂	Do ₂	D ₂	b ₂	n-φd ₂
300S-19		978.5	537	510	450	330	900	400	620	550	430	808	510	40	250	260	φ27	300	400	440	28	12-φ23	250	350	390	28	12-φ23
300S-19A																											
300S-12		1009	552	510	450	330	1000	500	620	550	430	808	510	40	256	265	φ27	300	400	440	28	12-φ23	300	400	440	28	12-φ23
300S-12A																											
350S-125																											
350S-125A		1431	801	580	500	360	1210	550	680	600	450	1080	620	50	330	410	φ34	350	460	500	30	16-φ23	200	295	335	26	12-φ23
350S-125B																											
350S-75																											
350S-75A		1272	710	600	500	360	1250	600	690	600	450	1017	620	50	274	356	φ34	350	460	500	30	16-φ23	250	350	390	28	12-φ23
350S-75B																											
350S-44		1233	675	600	500	360	1080	510	690	600	450	980	620	50	300	300	φ34	350	460	500	30	16-φ23	300	400	440	28	12-φ23
350S-44A																											
350S-26																											
350S-26A		1171	642	580	500	360	1040	460	680	600	450	963	620	50	290	300	φ34	350	460	500	30	16-φ23	300	400	440	28	12-φ23
350S-16																											
350S-16A		1129	622	580	500	360	1168	584	680	600	450	970	620	50	310	310	φ34	350	460	500	30	16-φ23	350	460	500	30	16-φ23
500S-98																											
500S-98A		1639.5	912	760	580	420	1550	750	1020	800	580	1381	800	55	425	545	4-φ41	500	620	670	34	20-φ25	300	400	440	28	12-φ23
500S-98B																											

S型泵外形尺寸表
Outer dimensions table of S-pump

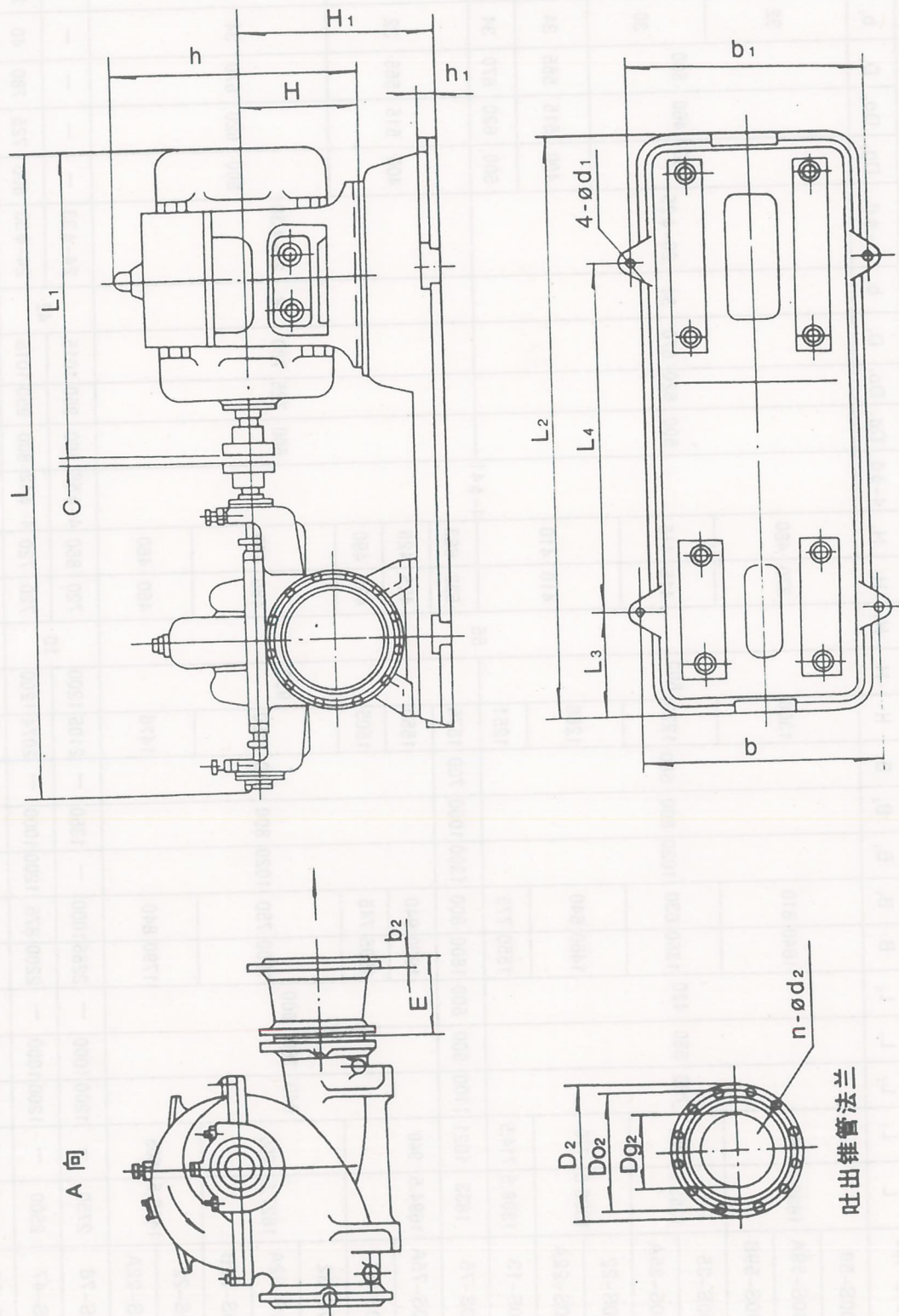
单位: 毫米
Unit:mm

Outer dimensions table of S-pump

泵 的 型 号 Pump Type	泵 外 形 尺 寸 Outer dimensions of pump											进 水 法 兰 尺 寸 Flange size of inlet water					出 水 法 兰 尺 寸 Flange size of outlet water										
	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	B ₂	B ₃	B ₄	H	H ₁	H ₂	H ₃	H ₄	4-φd	Dg ₁	Do ₁	D ₁	b ₁	n-φd ₁	Dg ₂	Do ₂	D ₂	b ₂	n-φd ₂	
500S-59																											
500S-59A	1639.5	907			1640	810					1300			370	480												
500S-59B																											
500S-35																											
500S-35A	1363.5	756	760	580	420	1350	630	1020	800	580	1270	800		415	415		500	620	670	34	20-φ25		350	460	500	30	16-φ23
500S-22																											
500S-22A	1396.5	770				1460	640				1266			410	410												
500S-13	1308.5	714.5				1550	775				1251																
600S-75	1833	1021	1100	900	600	1800	800	1300	1000	700	1575		55	532	663		4-φ41										
600S-75A	1694.5	940				1900	940				1550			425	425												
600S-47						1595	745				1505			490	490												
600S-32																											
600S-32A	1627.5	900	940	760	600	1600	750	1020	800	580	1490	950		480	480		600	725	780	36	20-φ30						
600S-32B																											
600S-22						1790	840				1476			460	460												
600S-22A	1466.5	805																									
800S-76	2750	—	1200	1000	—	2285	1000	—	1350	—	2105	1200		720	850	4-φ56	800	950	1015		24-φ33		—	—	—	—	—
800S-47	2500	—	1200	1000	—	2200	875	1200	1000	—	2074	1200	10	720	720	4-φ42	800	950	1015	42	24-φ33	600	725	780	40	20-φ30	
800S-32	2300	1220	1200	1000	700	2150	750	1200	900	600	1948	1230	60	720	660	4-φ41	800	950	1010	44	24-φ34	600	725	780	36	20-φ30	
800S-22	2100	—	1200	1000	—	2100	750	1200	1000	—	2014	1200	10	720	720	4-φ42	800	950	1015	42	24-φ33	—	—	—	—	—	—

十一、S型双吸离心泵安装尺寸图（带底座）

Installation dimensions drawing of the s-type double-suction centrifugal pump(cincture base)



S 型泵配 Y 型电机的安装尺寸表 (带底座)
Installation dimensions table of the s-type pump Collocate Y-type motor (cincture base)

单位: 毫米
Unit: mm

Unit:mm															
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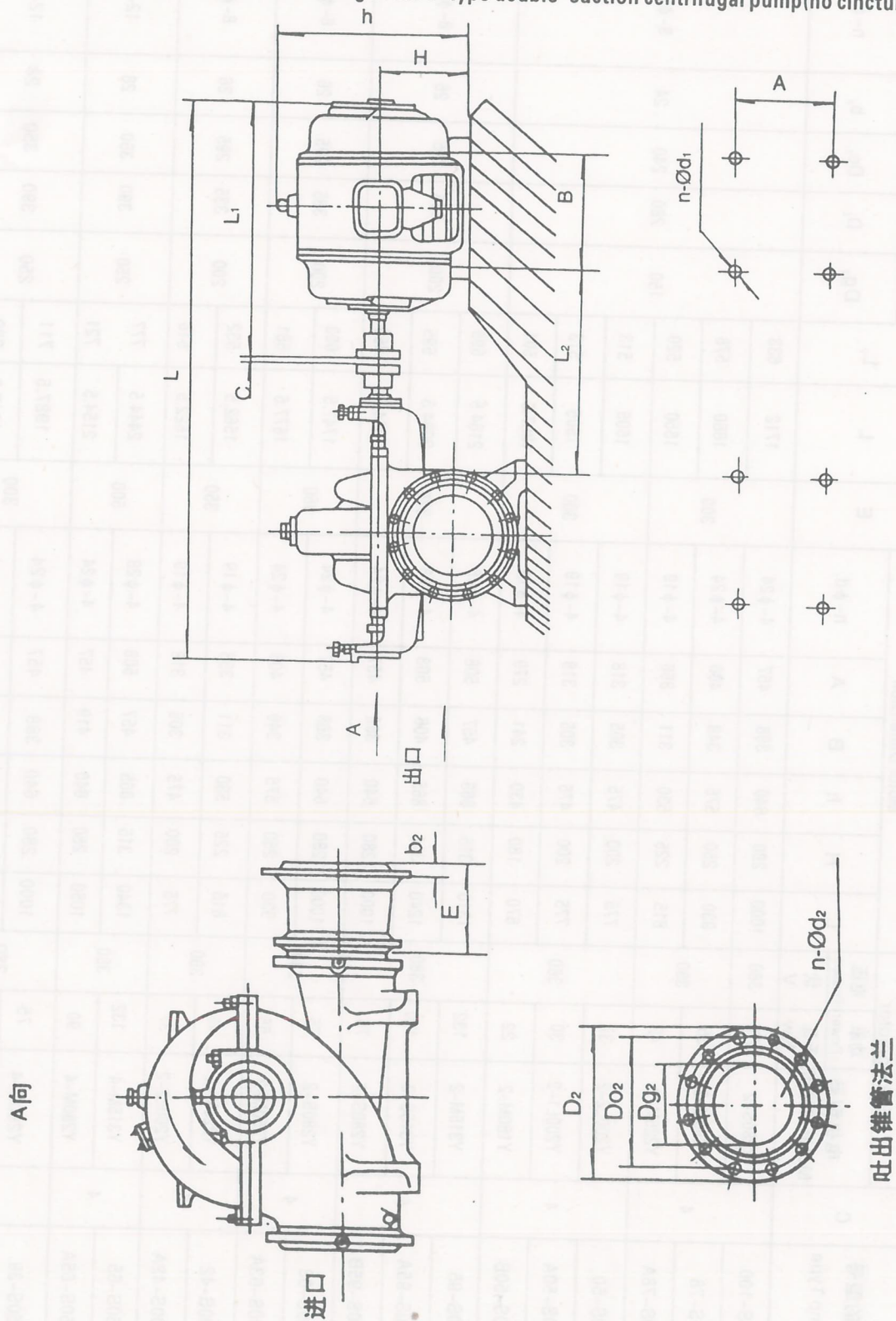
单位:毫米
Unit:mm

S 型泵配 Y 型电机的安装尺寸表 (带底座)
Installation dimensions table of the s-type pump Collocate Y-type motor(cincture base)

Installation dimensions table of the s-type pump																					Concave r-type motor (reference)		
泵的类型 Pump Type	C	电动机 Electromotor			电机尺寸 Motor Dimension			底座尺寸 Base Dimension							E	H ₁	L	吐出锥管法兰尺寸 Outlet prick cannulation flange size					
		型号 Model	功率 Power		电压 Pressure	L ₁	h	H	L ₂	L ₃	L ₄	b	b ₁	h ₁				4-φd ₁	Dg ₂	D ₂	Do ₂	b ₂	4-φd ₂
			千瓦 Kw	伏 V																			
250S-24	4	Y225M-4	45		845	530	225	1510	267	979.5	765	612	40	φ23	300	570	1787.5	250	390	350	28	12-φ23	
250S-24A		Y225S-4	37	820	530	225	1762.5																
250S-14	4	Y200L-4	30		775	475	200	1415	260	880	665	605	40	φ23	300	570	1677.5	250	390	350	28	12-φ23	
250S-14A		Y180M-4	18.5	670	430	180	1308										245						840
300S-32		Y280M-4	90		1050	640	280	1770	280	1107	690	690	50	φ30	300	640	2153.5	300	440	400	28	12-φ23	
300S-32A		Y280S-4	75	1000	640	280	1786										1117.5						2103.5
300S-19		Y250M-4	55		930	575	250	1632	305	1024	775	700	50	φ30	300	630	1912.5	300	440	400	28	12-φ23	
300S-19A		Y225M-4	45	845	530	220	1566										305						1000
300S-12		Y225S-4	37		820	530	225	1566	305	1000	770	685	50	φ30	200	630	1832.5	300					
300S-12A		Y200L-4	30	775	475	200	1528										305						951

十二、S 型双吸离心泵安装尺寸 (不带底座)

Installation dimensions drawing of the s-type double-suction centrifugal pump (no cincture base)



单位: 毫米
Unit:mm

S 型泵安装尺寸表 (不带底座)
Installation dimensions table of the s-type pump (no cincture base)

Installation dimensions table of the s-type pump (no structure base)																		
泵的型号 Pump Type	C	电动机 Electromotor			电机尺寸 Motor Dimension						E	L	L ₂	吐出接管法兰尺寸 Outlet prick cannulation flange size				
		电机型号 Motor Model	功率 Power 千瓦 Kw	电压 Pressure 伏 V	L ₁	H	h	B	A	n-φd ₁				Dg ₂	D ₂	Do ₂	b ₂	n-φd ₂
150S-100	4	Y280S-2	75	380	1000	280	640	368	457	4-φ24	300	1712	633	150	280	240	24	8-φ23
150S-78		Y250M-2	55	380	930	250	575	349	406	4-φ24		1660	578					
150S-78A		Y225M-2	45	380	815	225	530	311	356	4-φ19		1550	529					
150S-50	4	Y200L2-2	37		775	200	475	305	318	4-φ19	300	1505	513					
150S-50A		Y200L1-2	30	380	775	200	475	305	318	4-φ19		1505	513					
150S-50B		Y180M-2	22		670	180	430	241	279	4-φ15		1387.5	501					
200S-95	4	Y315M-2	132		1310	315	865	457	508	4-φ28	375	2164.5	695	200	335	295	26	8-φ23
200S-95A		Y315S-2	110	380	1240	315	865	406	508	4-φ28		2094.5	695					
200S-95B		Y280S-2	75		1000	280	640	368	457	4-φ24		1854.5	669					
200S-63	4	Y280S-2	75	380	1000	280	640	368	457	4-φ24	350	1747.5	603	200	335	295	26	8-φ23
200S-63A		Y250M-2	55		930	250	575	349	406	4-φ24		1677.5	581					
200S-42		Y225M-2	45	380	815	225	530	311	356	4-φ19		1562.5	532					
200S-42A	4	Y200L2-2	37		775	200	475	305	318	4-φ19	350	1522.5	516	200	335	295	26	8-φ23
250S-65		Y315M-4	132	380	1340	315	865	457	508	4-φ28		2444.5	777					
250S-65A		Y280M-4	90		1050	280	640	419	457	4-φ24		2154.5	721					
250S-39	4	Y280S-4	75	380	1000	280	640	368	457	4-φ24	300	1987.5	711	250	390	350	28	12-φ23
250S-39A		Y250M-4	55		930	250	575	349	406	4-φ24		1917.5	689					

S 型泵安装尺寸表 (不带底座)
Installation dimensions table of the s-type pump (no cincture base)

单位: 毫米
Unit: mm

Performance characteristics table of the S-type pump (no structure base)																		Unit:mm
泵的型号 Pump Type	C	电动机 Electromotor				电机尺寸 Motor Dimension					E	L	L ₂	吐出接管法兰尺寸 Outlet prick cannulation flange size				
		电机型号 Motor Model	功率 Power 千瓦 Kw	电压 Pressure 伏 V	L ₁	H	h	B	A	n-φd ₁				Dg ₂	D ₂	Do ₂	b ₂	n-φd ₂
250S-24	4	Y225M-4	45	380	845	225	530	311	356	4-φ19	300	1787.5	635	250	390	350	28	12-φ23
250S-24A		Y225S-4	37		820	225	530	286	356	4-φ19		1862.5	635					
250S-14	4	Y200L-4	30	380	775	200	475	305	318	4-φ19	300	1671.5	557	300	440	400	28	12-φ23
250S-14A		Y180M-4	18.5		670	180	430	241	279	4-φ15		1566.5	545					
300S-90	5	Y355L ₂ -4	315	380	1570	355	1035	630	610	4-φ28	500	2748.5	848	300	440	400	28	12-φ23
		Y3556-4	315	6000	1790	355	760	900	630	4-φ28		2968.5	949					
300S-90A	5	Y355L ₁ -4	280	380	1570	355	1035	630	610	4-φ28	500	2748.5	848	300	440	400	28	12-φ23
		Y3555-4	280	6000	1790	355	760	900	630	4-φ28		2968.5	949					
300S-90B	5	Y355M ₁ -4	220	380	1570	355	1035	560	610	4-φ28	500	2748.5	848	300	440	400	28	12-φ23
		Y3553-4	220	6000	1790	355	760	900	630	4-φ28		2968.5	949					
300S-58	4	Y315L-4	185	380	1340	315	865	508	508	4-φ28	300	2483.5	795	300	440	400	28	12-φ23
		Y315L ₂ -4	200		1340	315	865	508	508	4-φ28		2483.5	795					
300S-58A	4	Y315L ₁ -4	160	380	1340	315	865	508	508	4-φ28	300	2483.5	795	300	440	400	28	12-φ23
300S-58B	4	Y315M-4	132	380	1340	315	865	457	508	4-φ28		2483.5	795					
300S-32	4	Y280M-4	90	380	1050	280	640	419	457	4-φ24	300	2153.5	714	300	440	400	28	12-φ23
300S-32A		Y280S-4	75		1000	280	640	368	457	4-φ24		2103.5	624					
300S-19	4	Y250M-4	55	380	930	250	575	349	406	4-φ24	300	1912.5	624	300	440	400	28	12-φ23
300S-19A		Y225M-4	45		845	225	530	311	356	4-φ19		1827.5	605					

S 型泵安装尺寸表 (不带底座)
Installation dimensions table of the s-type pump (no cincture base)

单位: 毫米
Unit: mm

Installation dimensions table of the s-type pump (no structure base)																	
泵的型号 Pump Type	C	电 动 机 Electromotor			电 机 尺 寸 Motor Dimension						E	L	L ₂	吐出接管法兰尺寸 Outlet prick cannulation flange size			
		电机型号 Motor Model	功率 Power 千瓦 Kw	电压 Pressure 伏 V	L ₁	H	h	B	A	n-φd ₁				Dg ₂	D ₂	Do ₂	b ₂
300S-12	4	Y225S-4	37	380	820	225	530	286	356	4-φ19	—	1832.5	620	—	—	—	—
300S-12A		Y200L-4	30		775	200	475	305	318	4-φ19		1787.5	574				
350S-125	7	Y4501-4	630	6000	2000	450	950	1120	800	4-φ35	750	3437.5	1123	—	—	—	—
		Y4502-4	710	6000	2000	450	950	1120	800	4-φ35		3437.5	1123				
350S-125A	7	Y4005-4	560	6000	1920	400	850	1000	710	4-φ35	—	3357.5	1123	350	520	470	38
		Y4501-4	630	6000	2000	450	950	1120	800	4-φ35		3437.5	1123				
350S-125B	7	Y4004-4	500	6000	1920	400	850	1000	710	4-φ35	—	3357.5	1123	—	—	—	—
350S-75	5	Y4001-4	355	6000	1940	400	835	1000	710	4-φ35	—	3191.5	980	—	—	—	—
350S-75A	5	Y355L ₁ -4	280	380	1570	355	1035	630	610	4-φ28	500	2821.5	859	350	500	460	30
		Y3555-4	280	6000	1790	355	760	900	630	4-φ28		3041.5	960				
350S-75B	5	Y3555-4	280	6000	1790	355	760	900	630	4-φ28	—	3041.5	960	—	—	—	—
		Y3553-4	220	6000	1790	355	760	900	630	4-φ28	3041.5	960					
350S-44	5	Y355M ₁ -4	220	380	1570	355	1035	560	610	4-φ28	300	2807.5	854	—	—	—	—
		Y3553-4	220	6000	1820	355	780	900	630	4-φ28		3057.5	955				
350S-44A	5	Y315L ₁ -4	160	380	1340	315	865	508	508	4-φ28	—	2577.5	816	350	500	460	30
		Y315M-4	132	380	1340	315	865	457	508	4-φ28		2514.5	782				
350S-26	4	Y280M-4	90	380	1050	280	640	419	457	4-φ24	—	2224.5	726	—	—	—	—
		Y280S-4	75	380	1000	280	640	368	457	4-φ24	2132.5	706	—	—	—	—	—
350S-16	4	Y250M-4	55	380	930	250	575	349	406	4-φ24	—	2062.5	684	—	—	—	—
350S-16A																	

S 型泵安装尺寸表 (不带底座)
Installation dimensions table of the s-type pump (no cincture base)

单位: 毫米
Unit: mm

泵的型号 Pump Type	C	电动机 Electromotor			电机尺寸 Motor Dimension						E	L	L ₂	吐出接管法兰尺寸 Outlet pipe connection flange size				Unit:mm						
		电机型号 Motor Model	功率 Power	电压 Pressure	L ₁	H	h	B	A	n-φd ₁				Dg ₂	D ₂	D ₀₂	b ₂		n-φd ₂					
			千瓦 Kw	伏 V																				
500S-98	7	Y5002-6	800	6000	2550	500	1040	1250	900	4-φ42	1000	4196.5	1354	500	670	620	34	20-φ25						
500S-98A		Y4504-6	630	6000	2120	450	935	1120	800	4-φ35		3766.5	1234											
500S-98B		Y4503-6	560	6000	2120	450	935	1120	800	4-φ35		3766.5	1234											
500S-59	7	Y4501-6	450	6000	2120	450	935	1120	800	4-φ35	800	3766.5	1229	500	670	620	34	20-φ25						
500S-59A		Y4005-6	400	6000	1940	400	835	1000	710	4-φ35		3586.5	1169											
500S-59B		Y4003-6	315	6000	1940	400	835	1000	710	4-φ35		3586.5	1169											
500S-35	6	Y355L ₃ -6	280	380	1570	355	1035	630	610	4-φ28	800	2949.5	906	500	670	620	34	20-φ25						
500S-35A		Y4002-6	280	6000	1920	400	850	1000	710	4-φ35		3299.5	1047											
	6	Y355L ₁ -6	220	380	1570	355	1035	630	610	4-φ28			2949.5							906				
	6	Y3555-6	220	6000	1820	355	780	900	630	4-φ28	600	3189.5	997	500	670	620	34	20-φ25						
500S-22		Y355M ₂ -6	185	380	1570	355	1035	560	610	4-φ28		2971.5	909											
500S-22A		Y3555-6	220	6000	1820	355	780	900	630	4-φ28		3221.5	1010											
	6	Y315L ₂ -6	132	380	1340	315	865	508	508	4-φ28		2741.5	871	500	670	620	34	20-φ25						
500S-13	5	Y315L ₁ -6	110	380	1340	315	860	508	508	4-φ28	—	2653.5	815.5							—	—	—	—	—
600S-75	7	Y5003-6	900	6000	2550	500	1040	1250	900	4-φ42	600	4251.5	1303							500	670	620	34	20-φ25
600S-75A		Y5002-6	800	6000	2550	500	1040	1250	900	4-φ42	600	4251.5	1292											
600S-47	7	Y4503-6	560	6000	2120	450	935	1120	800	4-φ35	600	3821.5	1172	500	670	620	34	20-φ25						
600S-32	600S-32A	Y4004-6	355	6000	1920	400	850	1000	710	4-φ35	—	3535.5	1073					20-φ25						
		Y355L ₁ -6	280	380	1570	355	1035	630	610	4-φ28	—	3185.5	932							—	—	—	—	—
		Y4002-6	280	6000	1920	400	850	1000	710	4-φ35		3535.5	1073											

S 型泵安装尺寸表 (不带底座)
Installation dimensions table of the s-type pump (no cincture base)

单位: 毫米
Unit: mm

Installation dimensions table of the 3-type pump (the dimensions are in mm)																	
泵的类型 Pump Type	C	电动机 Electromotor			电机尺寸 Motor Dimension						E	L	L ₂	吐出接管法兰尺寸 Outlet prck cannulation flange size			
		电机型号 Motor Model	功率 Power 千瓦 Kw	电压 Pressure 伏 V	L ₁	H	h	B	A	n-φd ₁				Dg ₂	D ₂	Do ₂	b ₂
600S-32B	6	Y355L ₁ -6	220	380	1570	355	1035	630	610	4-φ28	—	3185.5	932	—	—	—	
		Y3556-6	250	6000	1790	355	760	900	630	4-φ28		3405.5	1013				
600S-22	6	Y355L ₂ -6	250	380	1570	355	1035	630	610	4-φ28	—	3047.5	860	—	—	—	
		Y3556-6	250	6000	1790	355	760	900	630	4-φ28		3267.5	961				
		Y355M ₂ -6	185	380	1570	355	1035	560	670	4-φ28		3047.5	860				
600S-22A			Y3555-6	220	6000	1790	355	760	900	630		4-φ28	3267.5				961
800S-22	6	Y450-8	450		2080	450	1650	1120	800	4-φ35	800-	4190	1191				
		Y450-10	250		2080	450	1650	1120	800	4-φ35		4190	1191				
		Y450-8	315	380	2080	450	1650	1120	800	4-φ35		4190	1191				
		Y355L-10	185		1590	355	990	630	610	4-φ28		3700	1050				
800S-22A			Y450-10	200		2080	450	1650	1120	800		4-φ35	4190				1191
		Y5003-8	630		2200	500	1050	1250	900	4-φ42		4313	1241				
800S-32	7	Y5001-8	500		2200	500	1050	1250	900	4-φ42	800-	4313	1388				
800S-32A			Y1000-8/1180	1000		2480	930	1690	1800	1400		4-φ48	4990				1368
800S-47	8	Y500-10	450	6000	2220	500	1900	1250	900	4-φ42		4730	1593				
		Y500-8	710		2220	500	1900	1250	900	4-φ42		4730	1593				
		Y450-10	355		2080	450	1650	1120	800	4-φ35		4590	1473				
800S-47A			Y1600-8/1430		1600	2690	950	1860	1900	1750		4-φ48	5450				1598
800S-76		Y800-10/1180	800		2380	930	1690	1700	1400	4-φ48	1000	5140	1518			24-φ33	

S 型泵安装尺寸表 (不带底座)

Installation dimensions table of the s-type pump (no cincture base)

单位: 毫米
Unit: mm

Mechanical dimensions table of the S-type pump (no cincture base)																	Unit:mm			
泵的型号 Pump Type	C	电动机 Electromotor			电机尺寸 Motor Dimension					E	L	L ₂	吐出锥管法兰尺寸 Outlet pipe cannulation flange size				n-φd ₂			
		电机型号 Motor Model	功率 Power 千瓦 Kw	电压 Pressure 伏 V	L ₁	H	h	B	A				n-φd ₁	Dg ₂	D ₂	D ₀₂		b ₂		
800S-76A	8	Y1250-8/1430	1250	6000	2540	930	1860	1800	1750	4-φ48	1000	5300	1548	800	1015	950	42	24-φ33		
		Y500-10	630		2220	500	1900	1250	900	4-φ42		4980	1743						5240	1518
		Y1000-8/1180	1000		2480	930	1690	1800	1400	4-φ48		4980	1743							
800S-76B		Y500-10	500		2220	500	1900	1250	900	4-φ42										

S 型泵附件表

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泵的类型 Pump Type	电动机 Electromotor		底 阀 P=0.25MPa	滤水器 (代号)	闸 阀 P=1MPa	止回阀 P=1MPa	吐 出 锥 管 (代 号)	底 座 (代 号)	B4201 钩搬手 (代号)
	型号	功率 (千瓦)							
600S-32B	Y3554-6	250	-	L600 (73)	φ500	φ500	-	-	115130
600S-22	Y3554-6	250	-	L600 (73)	φ500	φ500	-	-	9095
800S-32	Y630-8/1180	630	-	-	φ500	φ500	-	-	100110

S 型泵附件表

泵的型号	电动机		底 阀 P=0.25MPa	滤水器 (代号)	闸 阀 P=1MPa	止回阀 P=1MPa	吐 出 锥 管 (代 号)	底 座 (代 号)	B4201 钩搬手 (代号)
	型 号	功 率 (千瓦)							
150S-100	Y280S-2	75	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-100-Y280S-2	4452
150S-78	Y250M-2	55	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-78-Y250M-2	4552
150S-78A	Y225M-2	45	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-78A-Y225M-2	4552
150S-50	Y200L ₂ -2	37	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-50-Y200L ₂ -2	4552
150S-50A	Y200L ₁ -2	30	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-50A-Y200L ₁ -2	4552
150S-50B	Y180M-2	22	φ 150	-	φ 150	φ 150	Z100X10-150X10	D150S-50B-Y180M-2	4552
200S-95	Y315M-2	132	φ 200	-	φ 200	φ 200	Z125X10-200X10	-	6872
200S-95A	Y315S-2	110	φ 200	-	φ 200	φ 200	Z125X10-200X10	-	6872
200S-95B	Y280S-2	75	φ 200	-	φ 200	φ 200	Z150X10-200X10	D200S-95B-Y280S-2	4552
200S-63	Y280S-2	75	φ 200	-	φ 200	φ 200	Z150X10-200X10	D200S-63-Y280S-2	4552
200S-63A	Y250M-2	55	φ 200	-	φ 200	φ 200	Z150X10-200X10	D150S-78-Y250M-2	4552
200S-42	Y225M-2	45	φ 200	-	φ 200	φ 200	Z150X10-200X10	D200S-42-Y225M-2	4552
200S-42A	Y200L ₂ -2	37	φ 200	-	φ 200	φ 200	Z150X10-200X10	D200S-42A-Y200L ₂ -2	4552
250S-65	Y315M-4	132	φ 250	-	φ 250	φ 250	Z150X10-250X10	-	7885
250S-65A	Y280M-4	90	φ 250	-	φ 250	φ 250	Z150X10-250X10	D250S-65A-Y280M-4	7885
250S-39	Y280S-4	75	φ 250	-	φ 250	φ 250	Z200X10-250X10	D250S-39-Y280S-4	6872
250S-39A	Y250M-4	55	φ 250	-	φ 250	φ 250	Z200X10-250X10	D250S-39-Y250M-4	6872
250S-24	Y225M-4	45	φ 250	-	φ 250	φ 250	Z200X10-250X10	D250S-24-Y225M-4	6872
250S-24A	Y225S-4	37	φ 250	-	φ 250	φ 250	Z200X10-250X10	D250S-24A-Y225M-4	6872
250S-14	Y200L-4	30	φ 250	-	φ 250	-	Z200X10-250X10	D250S-14-Y200L-4	4552

S 型泵附件表

泵的型号	电动机		底 阀 P=0.25MPa	滤水器 (代号)	闸 阀 P=1MPa	止回阀 P=1MPa	吐 出 锥 管 (代 号)	底 座 (代 号)	B4201 钩搬手 (代号)
	型 号	功 率 (千瓦)							
250S-14A	Y180M-4	18.5	φ 250	-	φ 250	-	Z200X10-250X10	D250S-14A-Y180M-4	4552
300S-90	Y3554M-4	315							
300S-90A	Y3553M-4	280	φ 300	-	φ 300	φ 300	Z200X10-200X10	-	9095
300S-90B	Y3551M-4	220							
300S-58	Y315L ₂ -4	200	φ 300	-	φ 300	φ 300	Z200X10-300X10	-	7885
300S-58B	Y315M ₁ -4	132							
300S-32	Y280M-4	90	φ 300	-	φ 300	φ 300	Z250X10-300X10	D300S-32-Y280M-4 D300S-32A-Y280S-4	7885
300S-32A	Y280S-4	75							
300S-19	Y250M-4	55	φ 300	-	φ 300	φ 300	Z250X10-300X10	D300S-19-Y250M-4 D300S-12-Y225S-4	6872
300S-19A	Y225S-4	37							
300S-12	Y225S-4	37	φ 300	-	φ 300	-	-	D300S-12-Y225S-4 D300S-12A-Y200L-4	6872
300S-12A	Y200L-4	30							
350S-26	Y315M-4	132	-	L350 (73)	φ 350	φ 350	Z300X10-350X10	-	7885
350S-26A	Y280M-4	90							
350S-16	Y280S-4	75	-	L350 (73)	φ 350	-	-	-	6872
350S-16A	Y250M-4	55							
350S-44	Y3551-4	220	-	L350 (73)	φ 350	φ 350	Z300X10-350X10	-	9095
350S-44A	Y315L ₁ -4	160							
350S-75	Y4001-4	355	-	L350 (73)	φ 350	φ 350	Z250X10-350X10	-	9095
350S-75A	Y3553-4	280							

S 型泵附件表

泵的型号	电动机		底 阀 P=0.25MPa	滤水器 (代号)	闸 阀 P=1MPa	止回阀 P=1MPa	吐 出 锥 管 (代 号)	底 座 (代 号)	B4201 钩搬手 (代号)
	型 号	功 率 (千瓦)							
350S-75B	Y3551-4	220	-	L350 (73)	φ 350	φ 350	Z250X10-350X10	-	9095
350S-125	Y4502-4	710							
350S-125A	Y4501-4	630	-	L350 (73)	φ 350	φ 350	Z200X10-350X16	-	100110
350S-125B	Y4004-4	500							
500S-98	Y5002-6	800							
500S-98A	Y5001-6	710	-	L500 (73)	φ 500	φ 500	Z300X10-500X10	-	135145
500S-98B	Y4503-6	560							
500S-59	Y4501-6	450							
500S-59A	Y4005-6	400	-	L500 (73)	φ 500	φ 500	Z350X10-500X10	-	100110
500S-59B	Y4003-6	315							
500S-35	Y4002-6	280							
500S-35A	Y3553-6	220	-	L500 (73)	φ 500	φ 500	Z350X10-500X10	-	9095
500S-22	Y3553-6	220							
500S-22A	Y315L2-6	132	-	L500 (73)	φ 500	φ 500	Z400X10-500X10	-	9095
500S-13	Y315L1-6	110	-	L500 (73)	φ 500	φ 500	-	-	7885
600S-75	Y5003-6	900							
600S-75A	Y5002-6	800	-	L600 (73)	φ 500	φ 500	Z400X10-500X10	-	135145
600S-47	Y4503-6	560	-	L600 (73)	φ 500	φ 500	Z400X10-500X10	-	135145
600S-32	Y4005-6	400	-	L600 (73)	φ 500	φ 500	-	-	115130
600S-32A	Y4002-6	280							



Subject to technical modifications
保留不预先通知进行技术修改的权利

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