

JG-INDUSTRIES

石 家 庄 精 工 水 泵 有 限 公 司

SHIJIAZHUANG SEIKO PUMPS CO.,LTD



品质稳固 专业承诺

博大精深——致力开拓与创新

Profound & Intensive Devote to Exploration and Innovation



精诚团结 科技创新

United with good faith, innovate with scientific technology

敬业务实 步步领先

Respect work and deal with concrete matters, lead step by step

力争上游 造福社会

Do all one can to go upward, benefit the society

勇于攀登 超越自我

Brave in climbing, surmount self



公司简介 ✓

石家庄精工水泵有限公司是国内大型工业泵专业制造企业，公司是集科研、设计、制造、销售、服务于一体的渣浆泵、污水泵、清水泵等大型综合性泵业公司，是国内渣浆泵行业的龙头企业。我公司是生产高效耐磨渣浆泵、脱硫泵、挖泥泵、抽砂泵、泥浆泵等杂质泵整机及配件的省级机械系统先进企业，市属骨干企业。公司下设铸造车间、机加工车间、锻焊车间、热处理车间、总装车间、检测性能实验室及成品库、备件库等。经过多年的市场开拓，我公司已经形成较为强大的市场辐射面。产品遍及全国30个省、市的电力、航道疏浚、煤炭、冶金、化工等行业；国际市场的占有份额不断提升，产品已出口北美、南美、欧洲、非洲、东南亚、中亚、北亚、东亚以及中东等五十多个国家和地区。

石家庄精工水泵有限公司在杂质泵的研制和应用方面有着多年的经验，在不断吸收国内外先进技术的基础上形成了性能范围覆盖面完善的产品系列。生产的渣浆泵系列主要有ZJ系列、ZJL系列、ZJD系列、MS系列、HS系列、LS系列；电厂浆液循环泵系列主要有TL/TLR系列、DT系列；船用泵系列：GS系列砂砾泵、WN系列挖泥泵；FGD辅助系统用泵有WFB系列、IH系列、IR系列、IHF系列、GC系列、D/DG系列等产品。

您的满意一直是我们的追求。公司非常注重服务与技术、服务与业务的结合，实现增值服务。随着企业的稳健发展，石家庄精工水泵有限公司建立和完善了销售服务网络，如今公司产品正高效的运行在诸如：国电电力、华电电力、大唐电力、首钢钢厂、鞍钢矿业、淮北矿业等全国重点工程项目和标志性建筑上。

石家庄精工水泵有限公司愿以优质的产品、完善的服务、良好的信誉为客户服务。愿与您共勉，真诚合作；为推动社会进步，创造市场繁荣而不懈努力。



Company Profile

Shijiazhuang Seiko Pumps Co. Limited is a professional manufacturing corporate of large domestic industrial pumps, the company is a research, design, manufacture, sales and service in one slurry pump, sewage pump, water pump, and other large-scale comprehensive pump company, is a leading corporate in slurry pump industry of domestic. The company is a provincial advanced corporate of mechanical systems to produce efficient wear-resistant slurry pump, desulphurization pump, dredging pump, gravel pump, mud pump and other impurities pump machine and accessories, is the city-owned backbone corporate. Companies consists of foundry workshop, machine workshop, forges welding workshop, heat treatment workshop, assembly workshop, the laboratory of detection performance and finished products, spare parts shop. After years of market development, the company has formed a strong market. Its products are popular among all places of China and they are exported to over fifty countries and districts, such as the south of America, the north of America, East Asia, West Asia, and Africa.

Shijiazhuang Seiko Pumps Co. Limited has many years of experience in the development and application of the impurities pump, The production of slurry pump series : ZJ series, ZJL series, ZJD Series, MS Series, HS Series, LS Series; The power plant slurry circulating pump series : TLR / TLR Series, DT Series; Marine pumps Series: GS series gravel pump, WN Series Dredging pump; FGD pumps: WFB series, IH Series, IR Series, IHF Series, GC Series and D / DG series.

Your satisfaction is our pursuit. Company has great emphasis on service and combination of technologies, services and business to achieve value-added services. Shijiazhuang Seiko Pumps Co. Limited has established and improved the sales and service network with the steady development, the company's products are now efficient operation on the national key projects and landmark buildings, such as: GD Power, Huadian Power, Datang Power, Shougang Steel, Anshan Iron and Steel Mining and Huaibei mining

Shijiazhuang Seiko Pumps Co. Limited willing to provide customers with high-quality products, perfect service, good reputation, willing to work with you to encourage each other, and cooperate in good faith, unremitting efforts to promote social progress and create market prosperity.

PS 型砂泵 PS Sand Pump

特点和用途 Features and applications

PS型砂泵是卧式侧面进水离心式砂泵。适于输送砂浆类的流体，如选矿厂打精矿浆和排送尾矿，选煤厂输送介质，铝厂输送高温易结晶的料浆，以及水泥厂输送料浆等用途。

输送最大浓度60~70%（重量计）。

PS型砂泵过流零件使用耐磨合金材料制造，寿命长，检修方便。该型泵有两个进浆口，可任意选用便于设备布置。拆换承磨件时（叶轮、护板、泵体）不需移动管道和电机，并自备有吊起泵体的摇臂机构（2½PS砂泵没有摇臂机构）。叶轮与护板之间的间隙可以调整，以保持一定的流量和较高的效率。

轴封采用低压填料形式，简单可靠。泵工作时需通入少量清水润滑冷却。并具有一定吸上能力，但一般应低位布置灌注使用。

PS型砂泵，从传动方向看去，为顺时针方向旋转。

Sand pump type PS is a horizontal, centrifugal sand pump with side suction. It is used to transfer gritty-like fluid such as the slurry with concentrates and tailings from an ore dresser, the medium from a coal washery, the high temperature crystallizing liquid in an aluminum plant as well as the slurry in a cement plant.

The maximum concentration of the transported liquid: 60-70% by weight.

The wetted parts of the sand pump type PS are made of wear-resistant alloys, and have a longer service life and easy inspection and maintenance. Two inlets are provided at custom's choice according to the plant layout. The wearing parts (impeller, wearing plate, pump casing) can be dismantled without removing the pipe and the motor, and a lifting device is provided for hoisting the pump casing (The type 2½ PS pumps has not such device). The clearance between the impeller and the wearing plate may be adjusted to keep the flow rate constant and high efficiency.

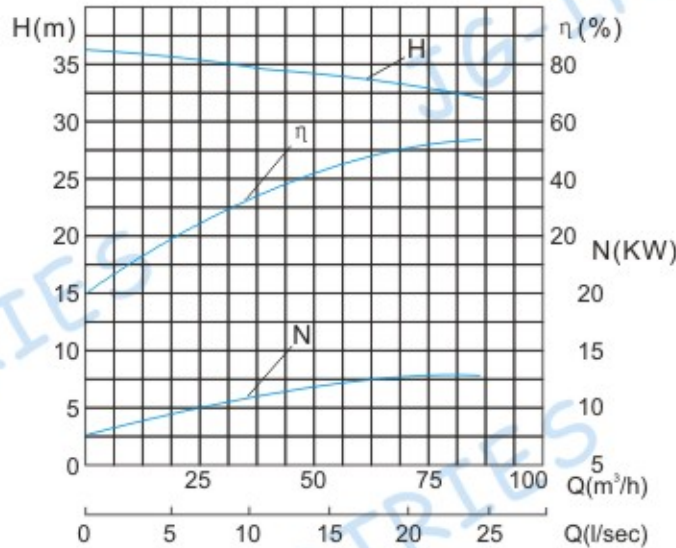
The shaft seal is a low-pressure packing seal of simple and reliable construction. When the pump is in operation, it is necessary to induce small amount of clean water for lubricating and cooling. The pump keeps a certain prime capability, but usually it should be placed at a lower position for a submergence.

Viewed from the drive, the pump rotates in a clockwise direction.



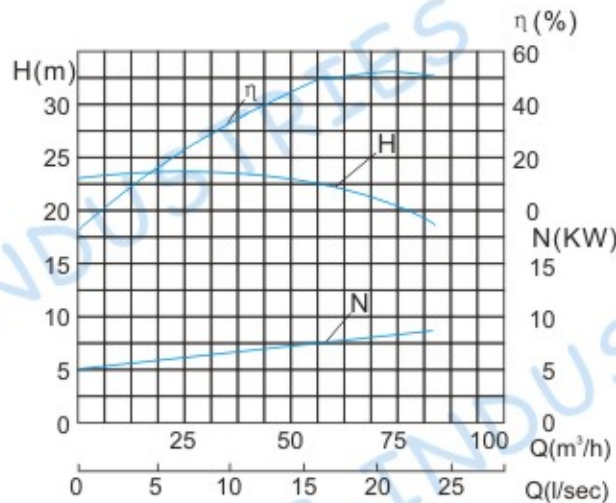
工作性能
Working Performance

2 $\frac{1}{2}$ PS型泵 PUMP TYPE 2 $\frac{1}{2}$ PS



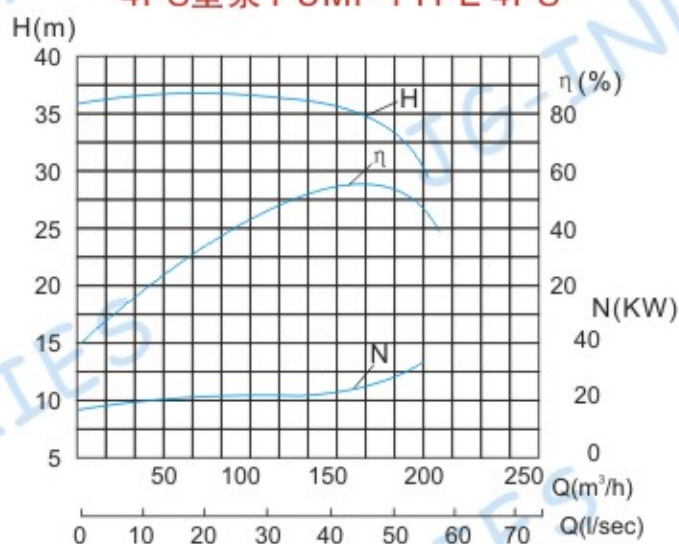
Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
2 $\frac{1}{2}$ PS	30	8.33	35	1800	10.6	22	27	280	310
	50	13.9	34.5		11.2	Y180L-4	42		
	60	16.67	34		11.8		47		
	70	19.44	33		12.6		50		

2 $\frac{1}{2}$ PS型泵 PUMP TYPE 2 $\frac{1}{2}$ PS



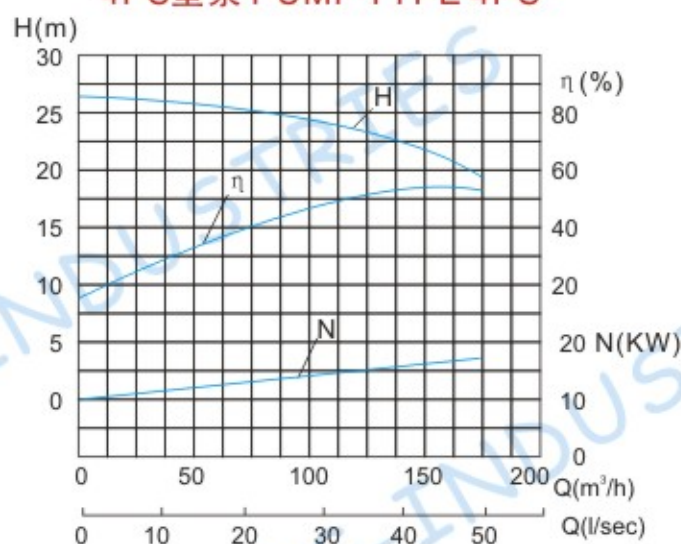
Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
2 $\frac{1}{2}$ PS	30	8.33	23.5	1460	6.4	15	30	280	310
	50	13.9	23		7.04	Y160L-4	44.5		
	60	16.67	22		7.5		48		
	70	19.44	21		8		50		

4PS型泵 PUMP TYPE 4PS



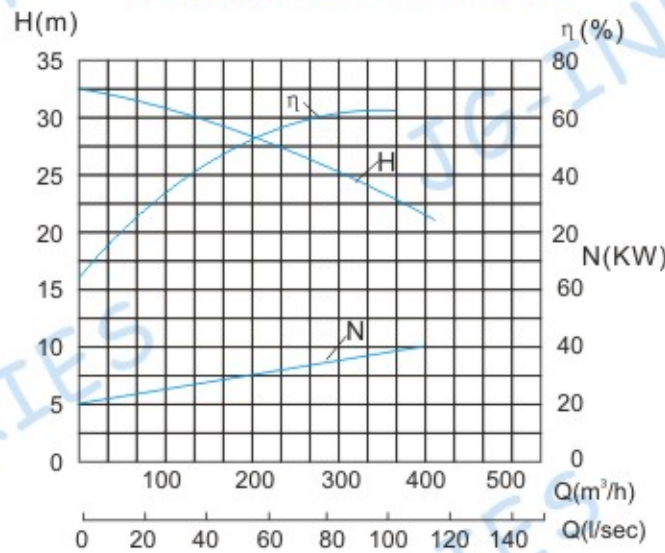
Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
4PS	90	25	37	1470	22.7	55	40	365	610
	120	33.3	36.5		23.8		50		
	140	38.9	36		25.4	Y250M-4	54		
	160	44.4	35.5		27.1		57		

4PS型泵 PUMP TYPE 4PS



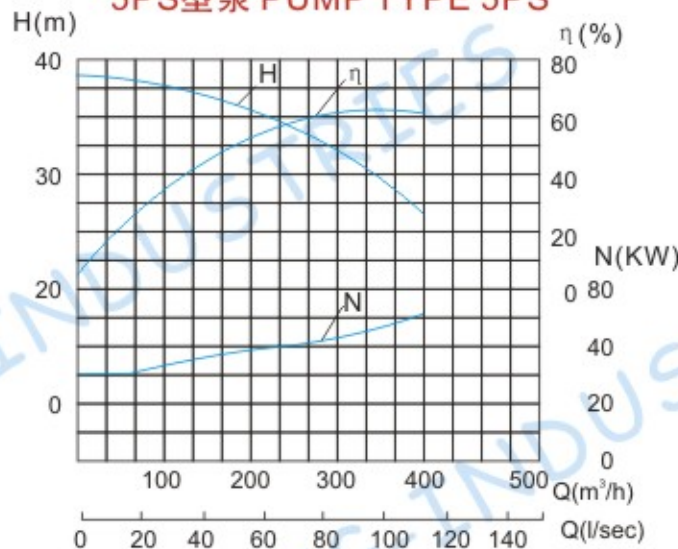
Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
4PS	90	25	25	1200	13.95	30	44	365	610
	120	33.3	24		15.1		52		
	140	38.9	23		16.55	Y200L-4	53		
	160	44.4	21		16.9		54		

5PS型泵 PUMP TYPE 5PS



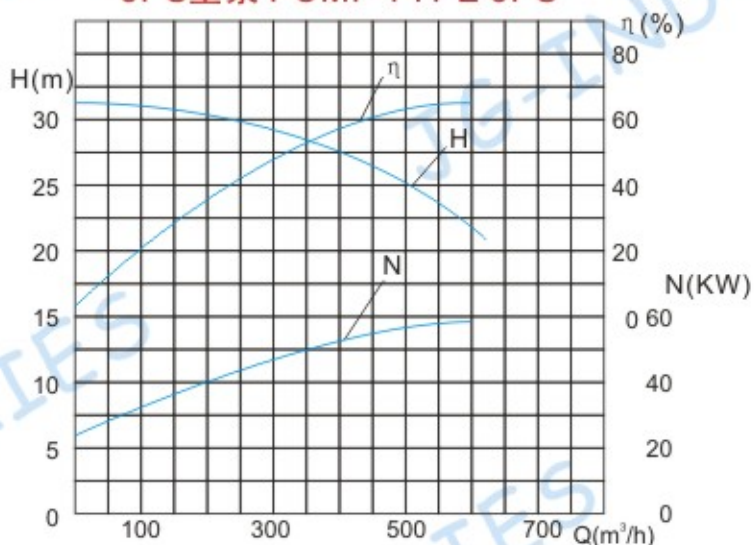
Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
5PS	180	50	29	980	28.4	55	50	470	980
	240	66.7	28		33.4		55		
	280	77.8	26.5		33.8	Y280M-6	60		
	320	88.9	25		35.1		62		

5PS型泵 PUMP TYPE 5PS



Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m³/h)	(l/sec)			Power on Shaft	Power of Motor			
5PS	180	50	36	1080	35.3	75	50	470	980
	240	66.7	35		41.6		55		
	280	77.8	33		42	Y280S-4	60		
	320	88.9	31		43.6		62		

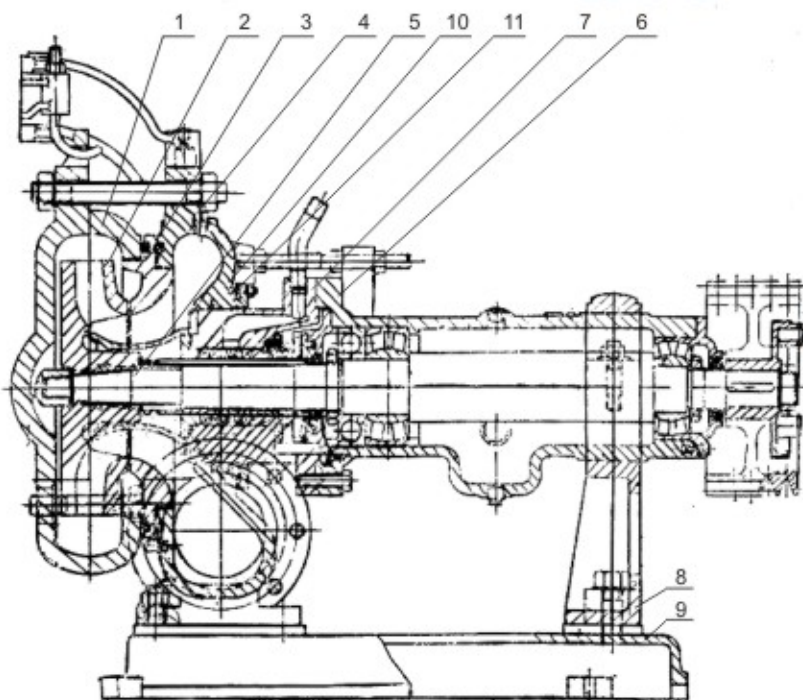
6PS型泵 PUMP TYPE 6PS



Type	Capacity Q		Head H (m)	Speed n (r.p.m)	Power N (kw)		Efficiency η (%)	Impeller Diameter (mm)	Weight of the Pump (kg)
	(m^3/h)	(l/sec)			Power on Shaft	Power of Motor			
6PS	320	88.9	29	980	50.5	115	50	510	1460
	380	105.5	28.5		52.6		56		
	440	122	27		54.8	JS117-6	59		
	500	139	26		59		60		

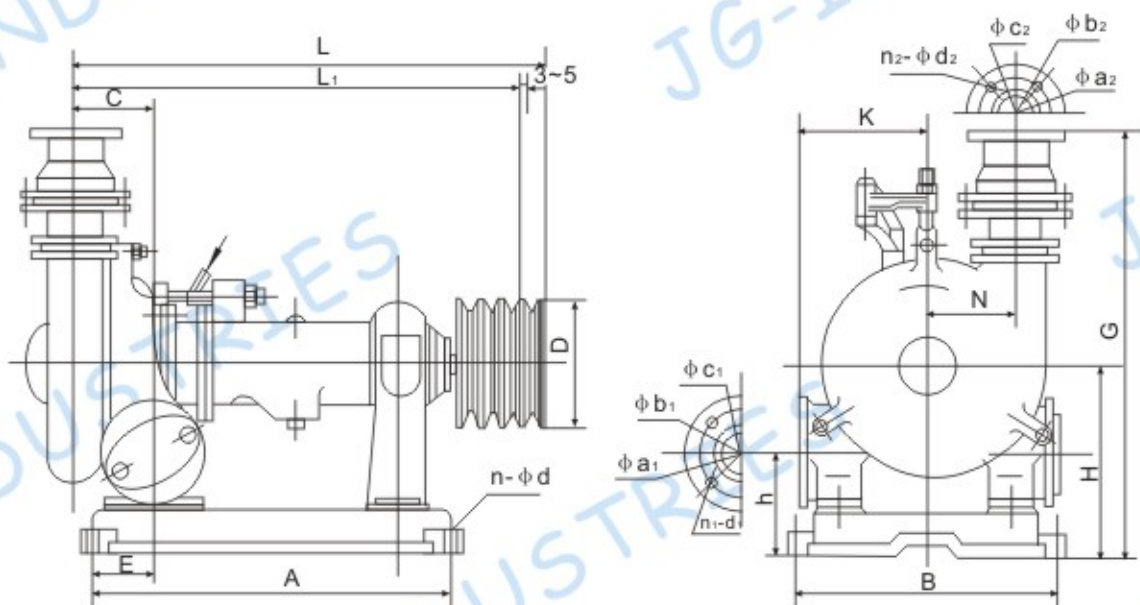
结 构 图

Constructional drawing



- 1.泵 体 Pump casing
- 2.叶 轮 impeller
- 3.护 板 wearing plate
- 4.进水室 water inlet space
- 5.轴 shaft
- 6.圆 筒 cylinder
- 7.轴封体 shaft seal housing
- 8.支 架 Frame
- 9.泵 座 Pump Base Plate
- 10.引水泵 guide sleeve
- 11.轴 套 shaft sleeve

外形尺寸
Outline dimensions



型号 Type	L	E	C	D	A	B	G	h	H	K	N	L ₁
2 $\frac{1}{2}$ PS	745	150	150	235	675	470	785	200	350	230	160	730
4PS	1150	205	190	345	760	690	925	260	460	300	215	1155
5PS	1260	205	250	440	760	690	1110	260	460	400	290	1215
6PS	1455	215	300	485	850	730	1300	300	600	475	350	1380

型号 Type	a ₁	b ₁	c ₁	n ₁	d ₁	a ₂	b ₂	c ₂	n ₂	d ₂	n	d	三角皮带 Triangle belt	
													型号 Type	根数 Qty
2 $\frac{1}{2}$ PS	100	180	215	4	M16	65	130	160	4	14	4	23	B	5
4PS	150	225	260	8	M16	100	170	205	4	18	4	27	C	4
5PS	200	280	315	8	M16	125	210	245	8	18	4	27	D	5
6PS	250	335	370	12	M16	150	225	260	8	18	4	27	D	8



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