

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.

GS、GSH型砂砾泵

GS/GSH Gravel Pump

概述General

GS(或GSH)型砂砾泵主要用于由于颗粒太大以致于一般渣浆泵不能输送的强磨蚀物料的连续输送。适用于挖泥船挖泥、疏浚河道、采矿及金属冶炼爆渣的输送等。其中GSH型为高扬程砂砾泵。

该泵采用了以卡带连接的单泵壳结构，过流通道宽畅。其过流部件采用了硬镍、高铬等耐磨材料。泵的出口方向可在360° 的任何一个位置，具有安装使用方便，汽蚀性能好，抗磨蚀等优点。



Type GS (or GSH) gravel pumps are designed for continuously handling the most difficult higher abrasive slurries which contain too big solids to be pumped by a common pump. They are suitable for delivering slurries. In mining, Explosive-sludge in metal melting, Dredging in dredger and course of rivers, and other fields. Type GSH pumps are of high-head ones.

Construction of this pump is of single casing connected by means of clamp bands and wide wet-passage. The wet-parts are made of Ni-hard and high chromium abrasion-resistance alloys. The discharge direction of pump can be oriented in any direction of 360° . This type of pump possesses the advantages of easy installation and operation, good performance of NPSH and abrasion resistance.

型号意义Notation

100 GS(GSH) - D

托架型式

高扬程砂砾泵

砂砾泵

泵吐出口直径(mm)

100 GS(GSH) - D

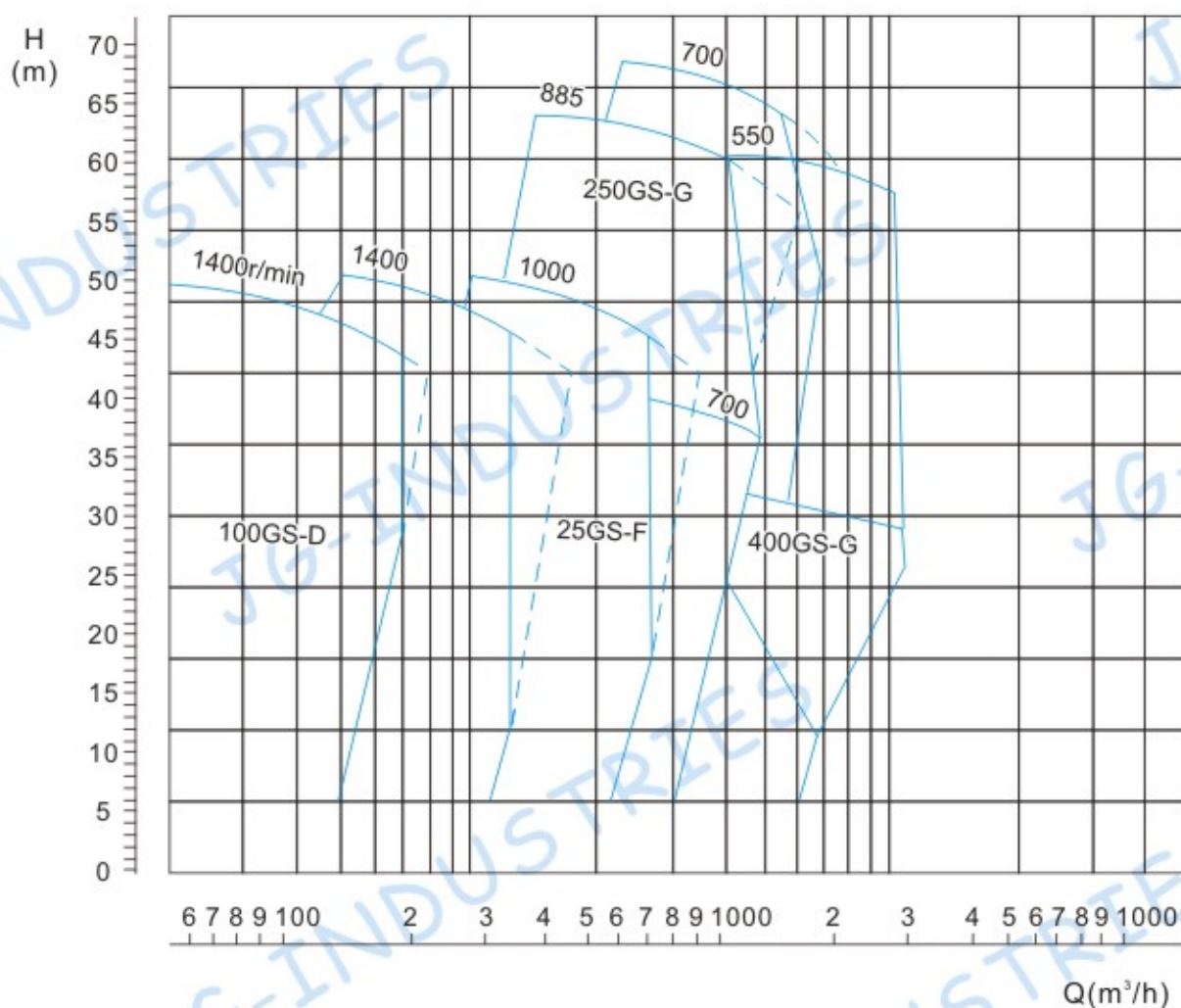
Frame form

High head of gravel Pump

Gravel Pump

Discharge Diameter(mm)

GS、GSH型砂砾泵型谱图
GS、GSH Gravel pumps selection chart

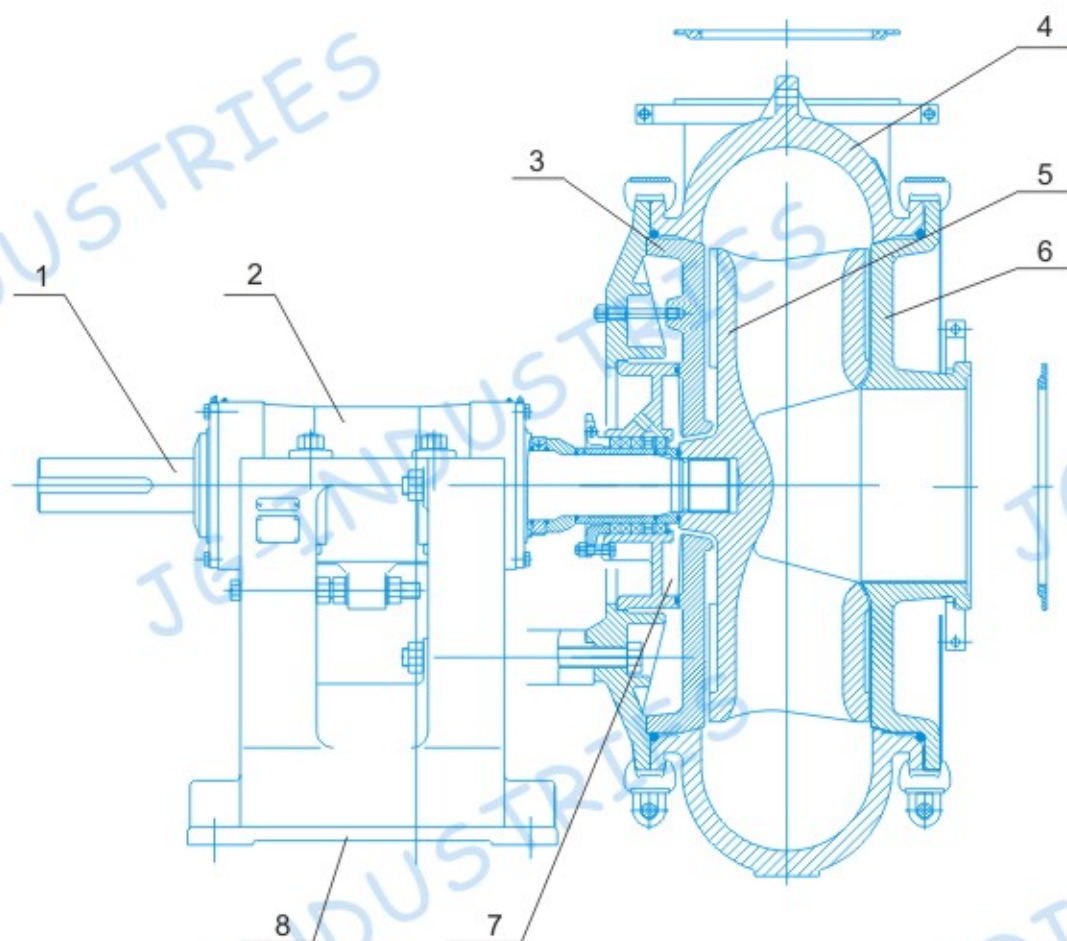


注：清水近似性能，仅供初步选型用。

Note: Approximate performance for clear water is used for primary selection only.

GS、GSH 型泵结构图

CONSTRUCTIONAL DRAWING FOR TYPE GS & GSH



1 轴 shaft

2 轴承组件 bearing assembly

3 后护板 frame plate

4 泵 体 volute

5 叶 轮 impeller

6 泵 盖 cover

7 填料箱 stuffing box

8 托 架 frame

密封型式 Sealing Form

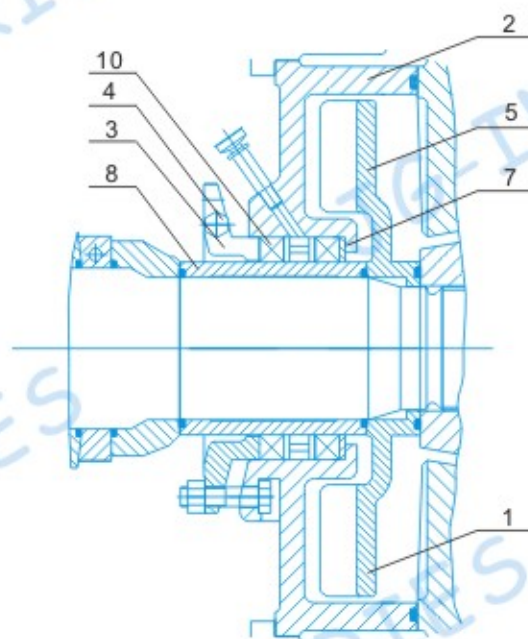
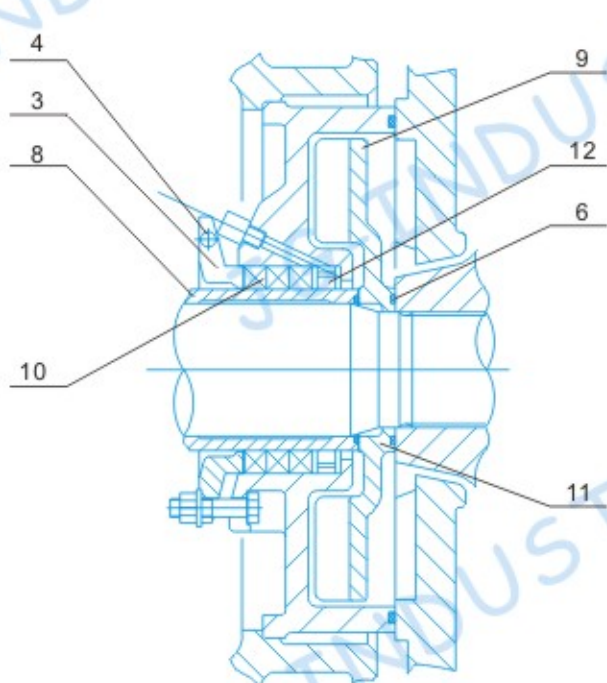
1、填料密封：用于吸上或倒灌状态。轴封水压力应比泵出口压力高35KPa，轴封水量为（见表）。

1.Parking gland: For the suction or gravity condition. The pressure of sealing liquid should be 35Kpa higher than the discharge pressure of the pump. The quantity of sealing liquid can be seen in following table:

2、副叶轮密封：一般用于倒灌状态。倒灌水头不超过泵总水头的10%，轴功率将增加5%左右。

托架 Frame	D	E	F S	G T	H TU
水量 Quantity	0.55	0.7	1.2	1.6	2.1

2.Expeller seal: In general for gravity condition the gravity head should not be exceeded to 10% of the total head of the pump and the shaft power will increase by 5% about.



- 1 副叶轮 Expeller
- 2 减压盖 Expeller ring
- 3 对开填料压盖 Split parking gland
- 4 填料压盖螺栓 Bolt of gland
- 5 水封环 Lantern ring
- 6 “O”形圈 “O” ring

- 7 填料垫 Gasket
- 8 轴套 Shaft sleeve
- 9 填料箱 Stuffing box
- 10 填料 Parking
- 11 短轴套 Short sleeve
- 12 前水封环 Front lantern ring

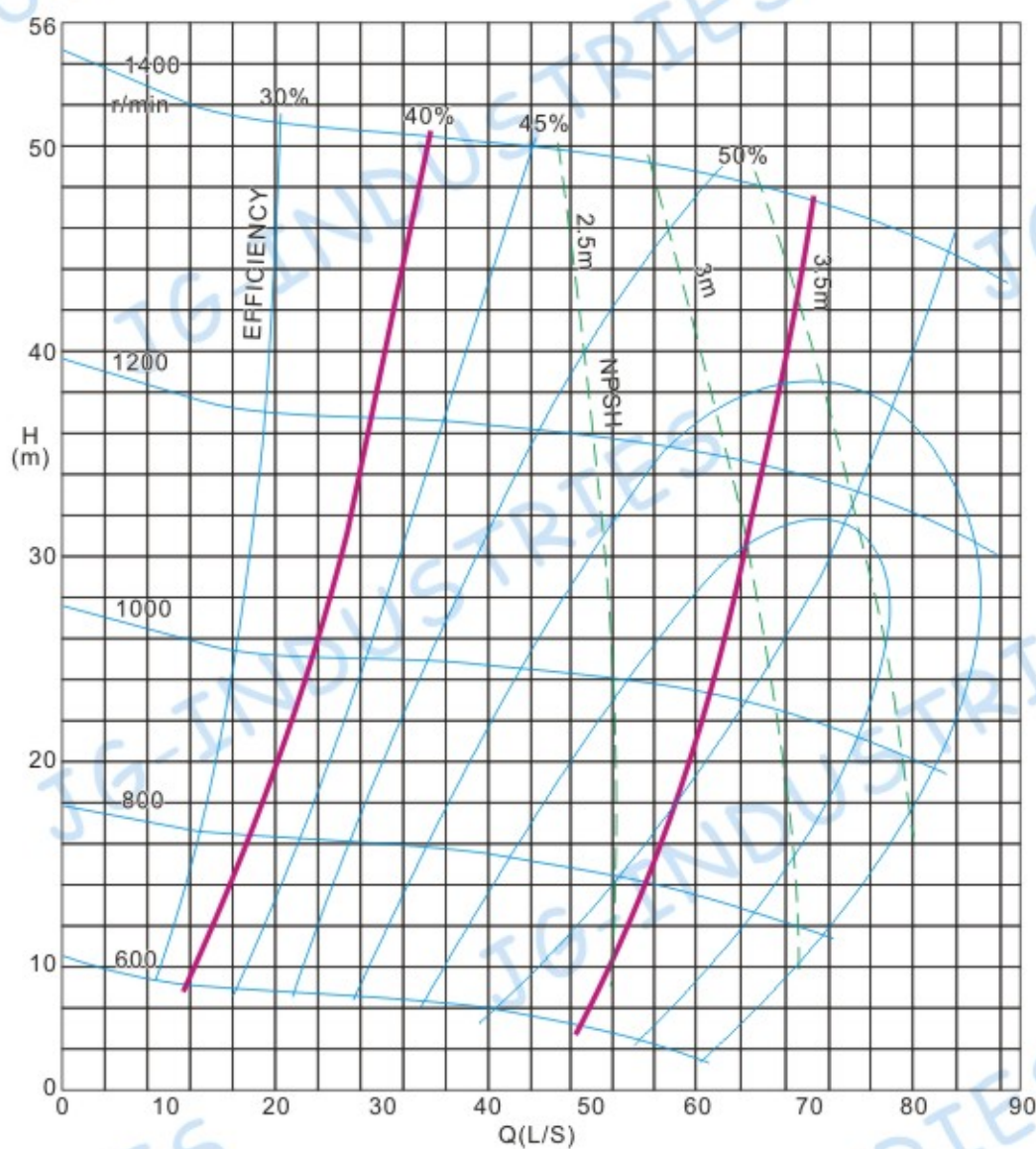
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA64A11
100	D	GS	60	82	叶轮 Impeller
	Q		150		D GS4137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



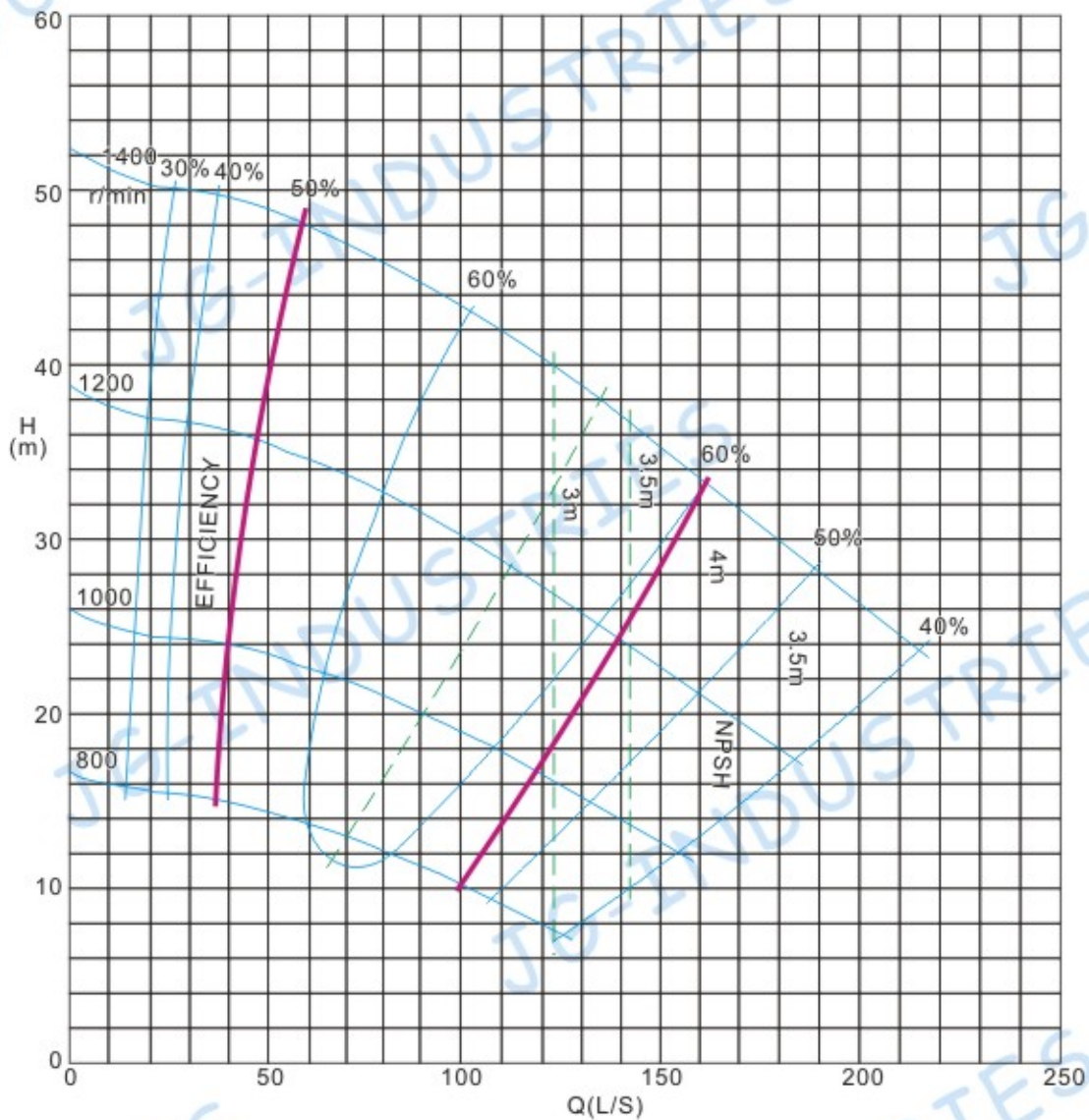
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA86A11
150	E	GS	120	127	叶轮 Impeller E GS86137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



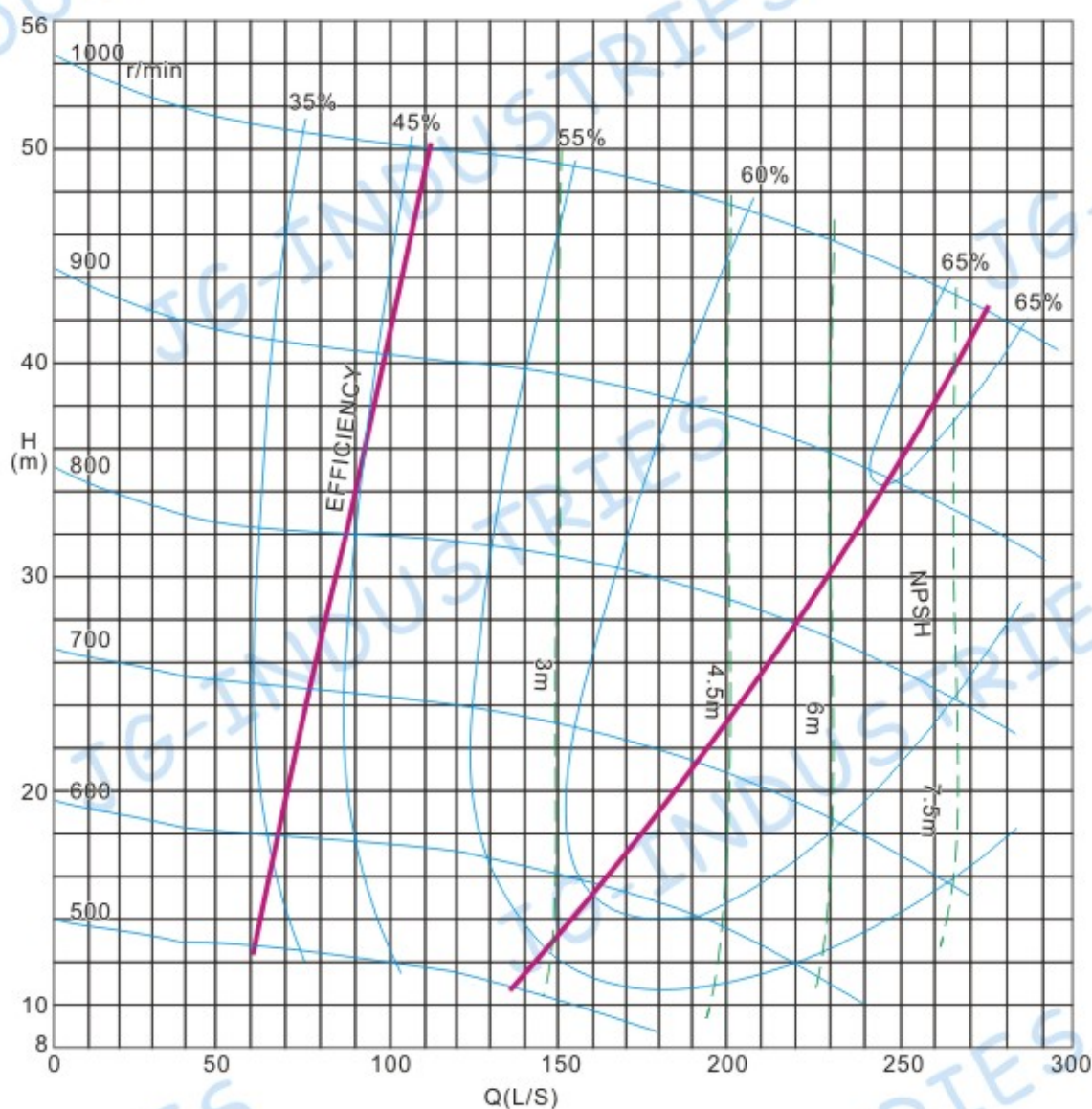
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA108A11
200	F	GS	260	178	叶轮 Impeller
	S		560		E GS8137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



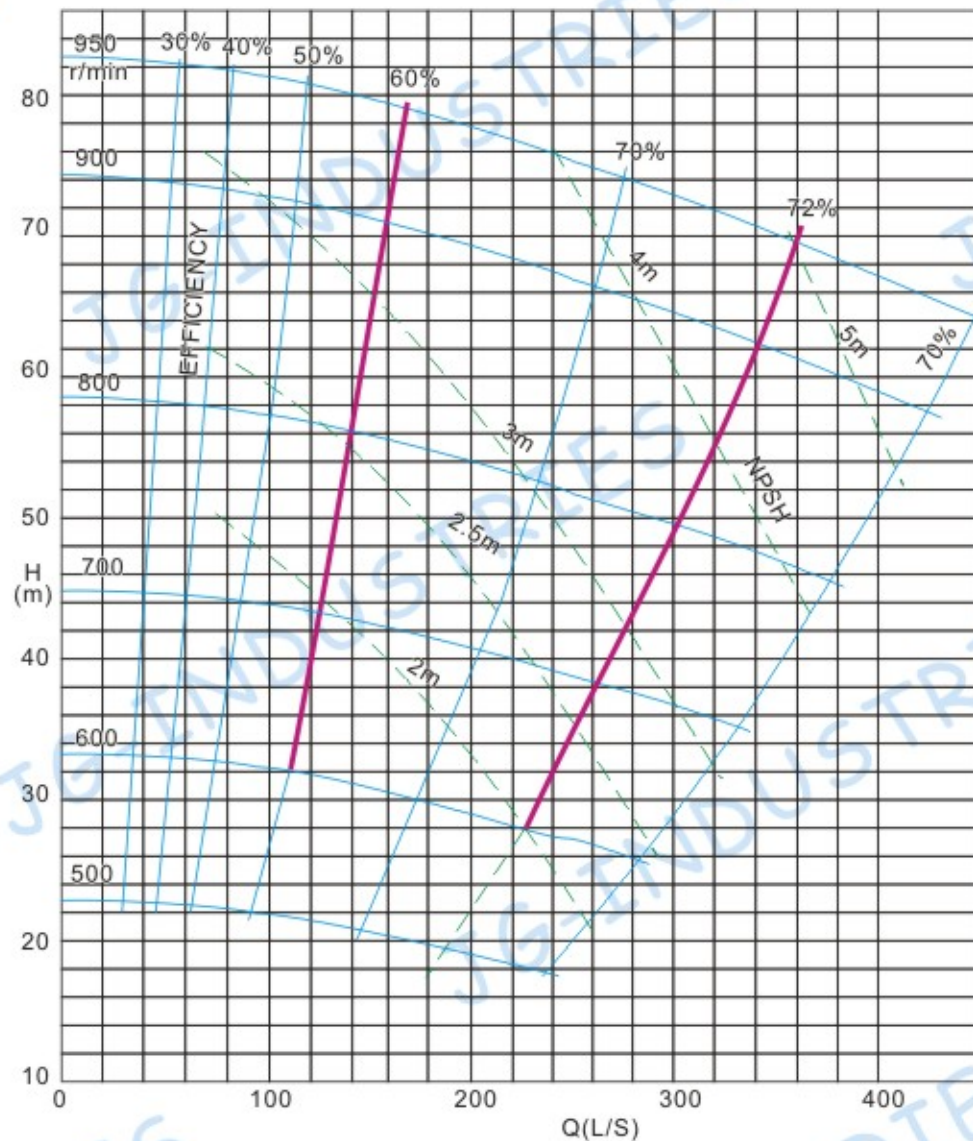
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA108C11
200	S	GSH	560	180	叶轮 Impeller F GSH8137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region

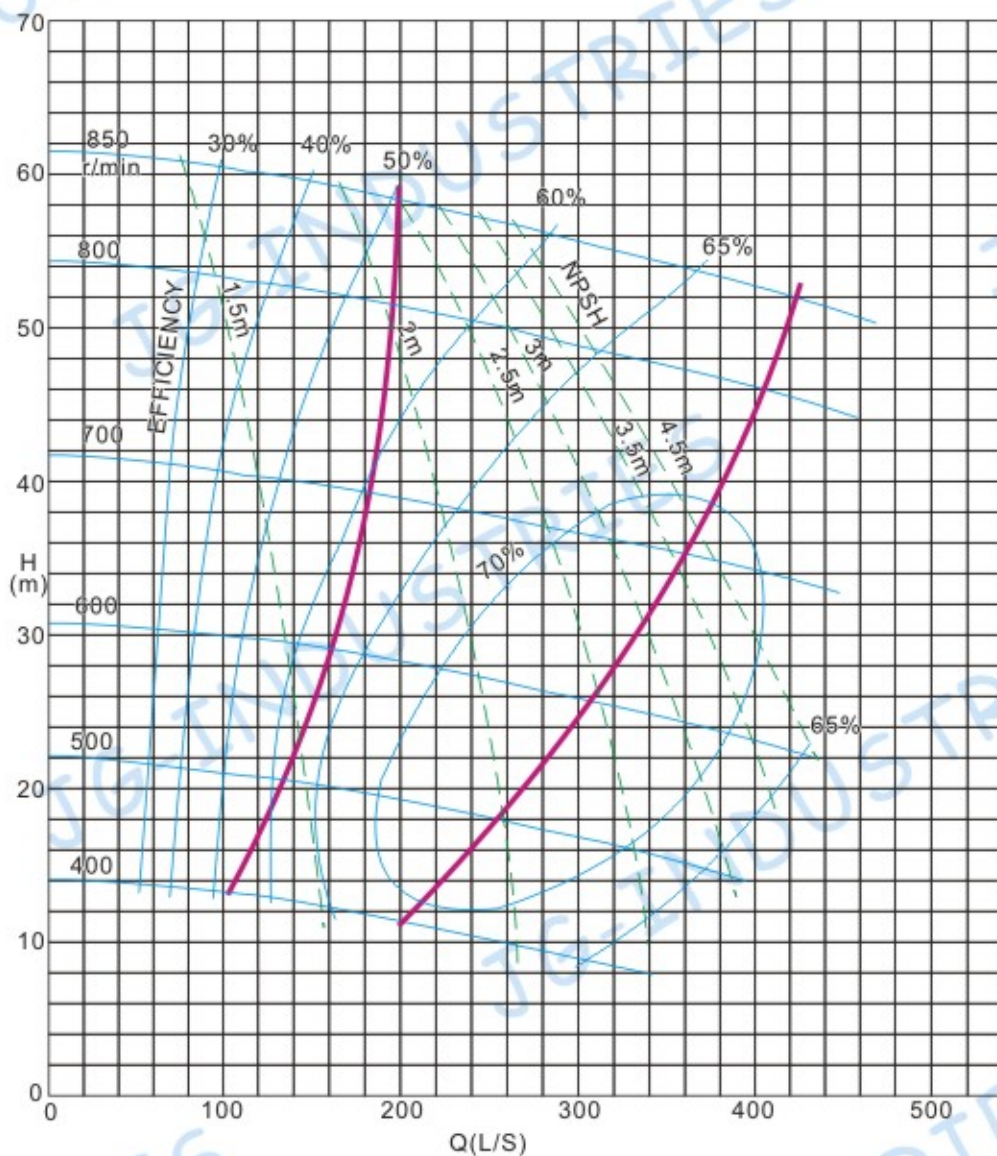


清水特性曲线
Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA1210A11
250	G	GS	600	220	叶轮 Impeller F GS10137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



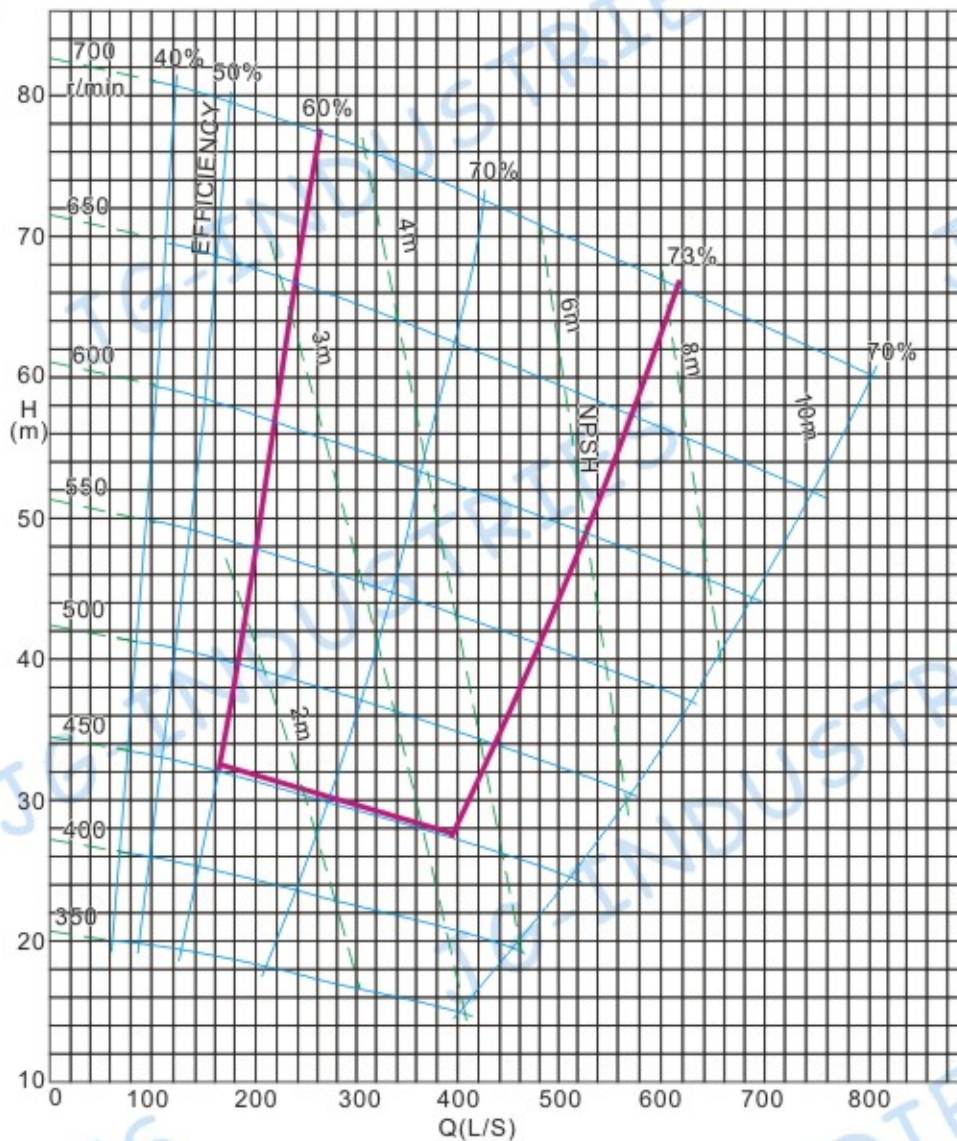
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA1210C11
250	G	GSH	600	210	叶轮 Impeller F GSH1013

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region

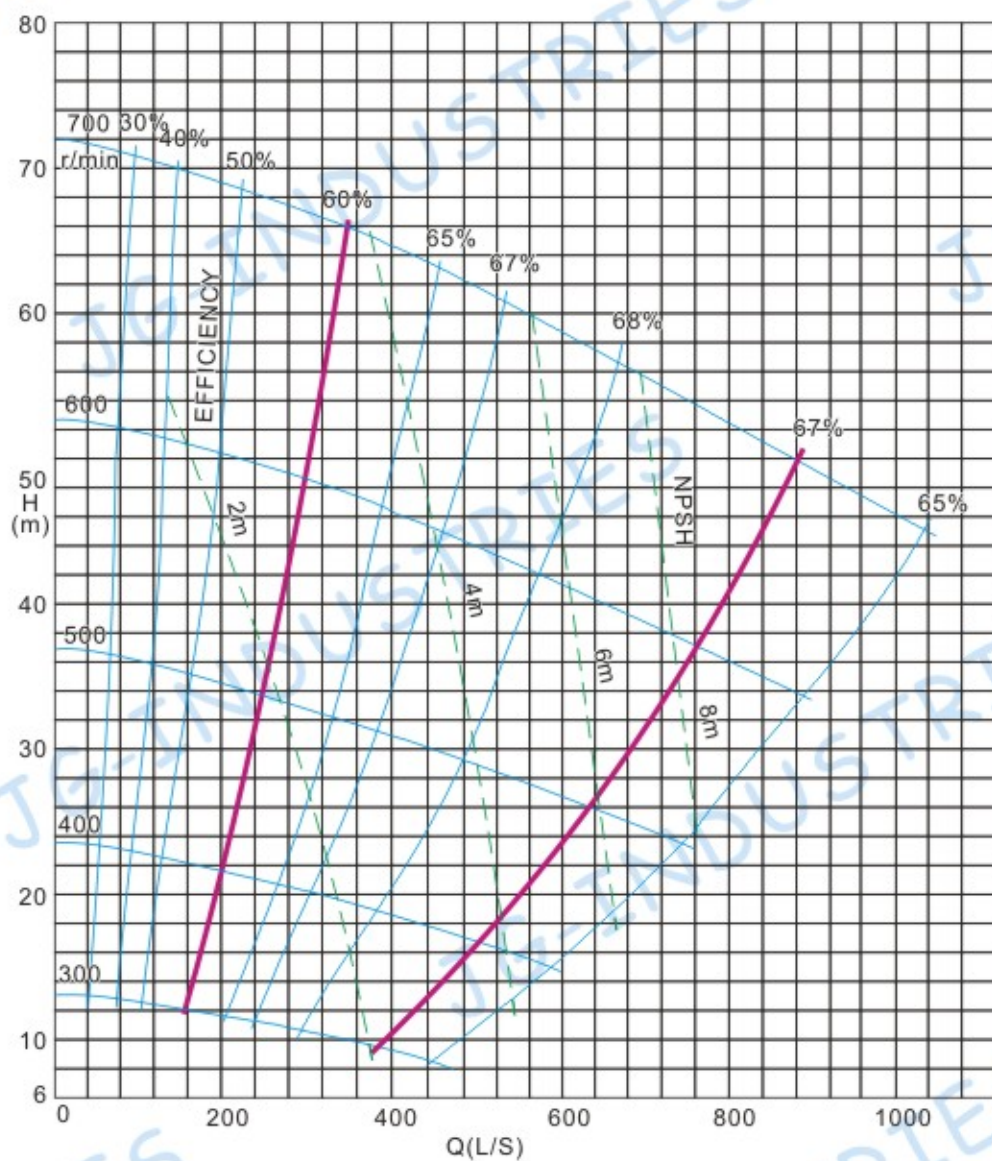


清水特性曲线
Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					WPA1412A11
300	G	GS	600	241	叶轮 Impeller
	T		1200		G GS1217

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



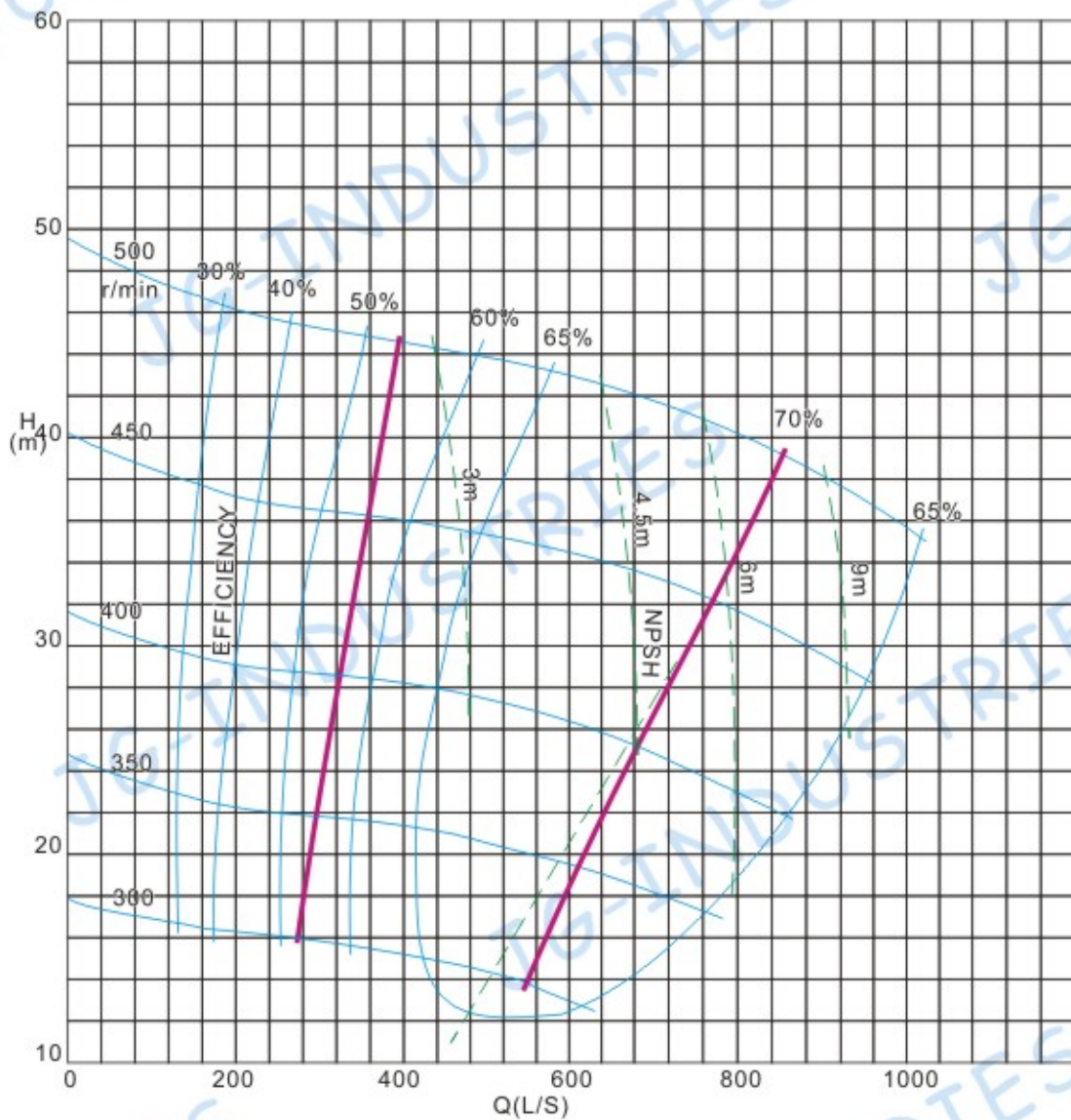
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					ESY7382
350	G	GS	600	254	叶轮 Impeller

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



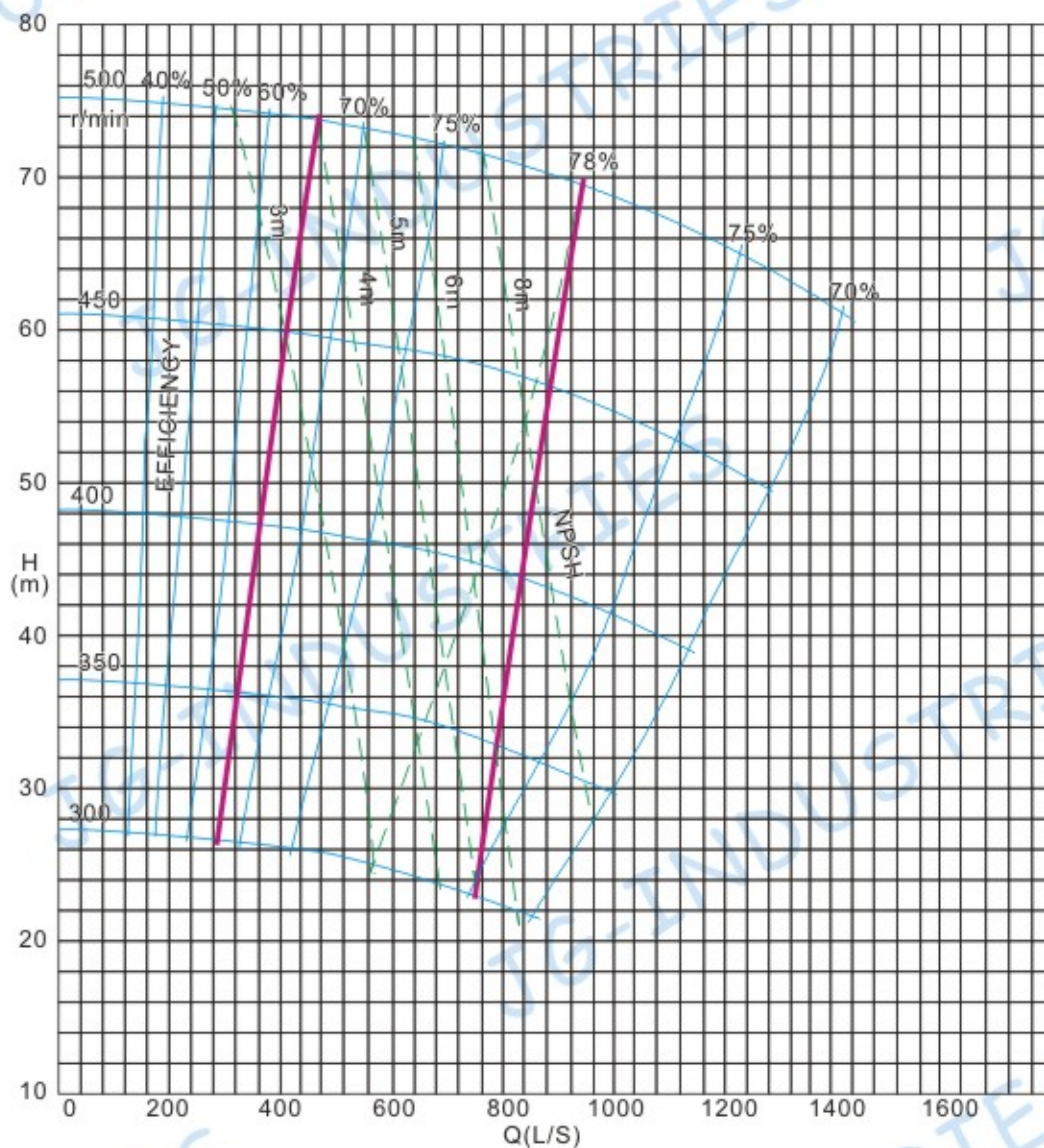
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					ESY7361
350	TU	GSH	1200	150	叶轮 Impeller
	H		1400		5枚叶片

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



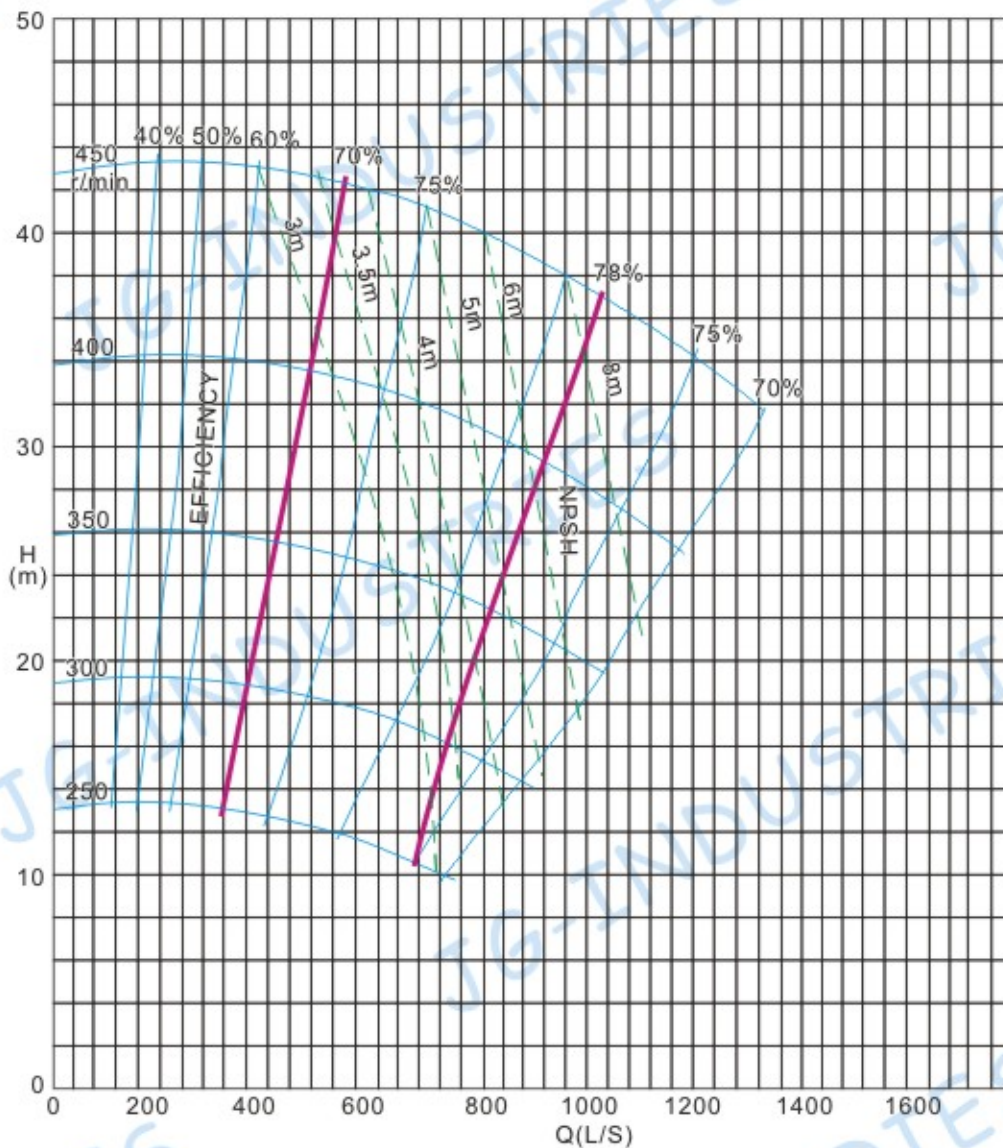
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame		产品 型号 Type	允许最大功率 Max. Permissible Power (kw)		许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
							WPA1816A12
400	G	GG	GS	600	900	150	叶轮 Impeller
	T	TU		1200	1200		G GS16147

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



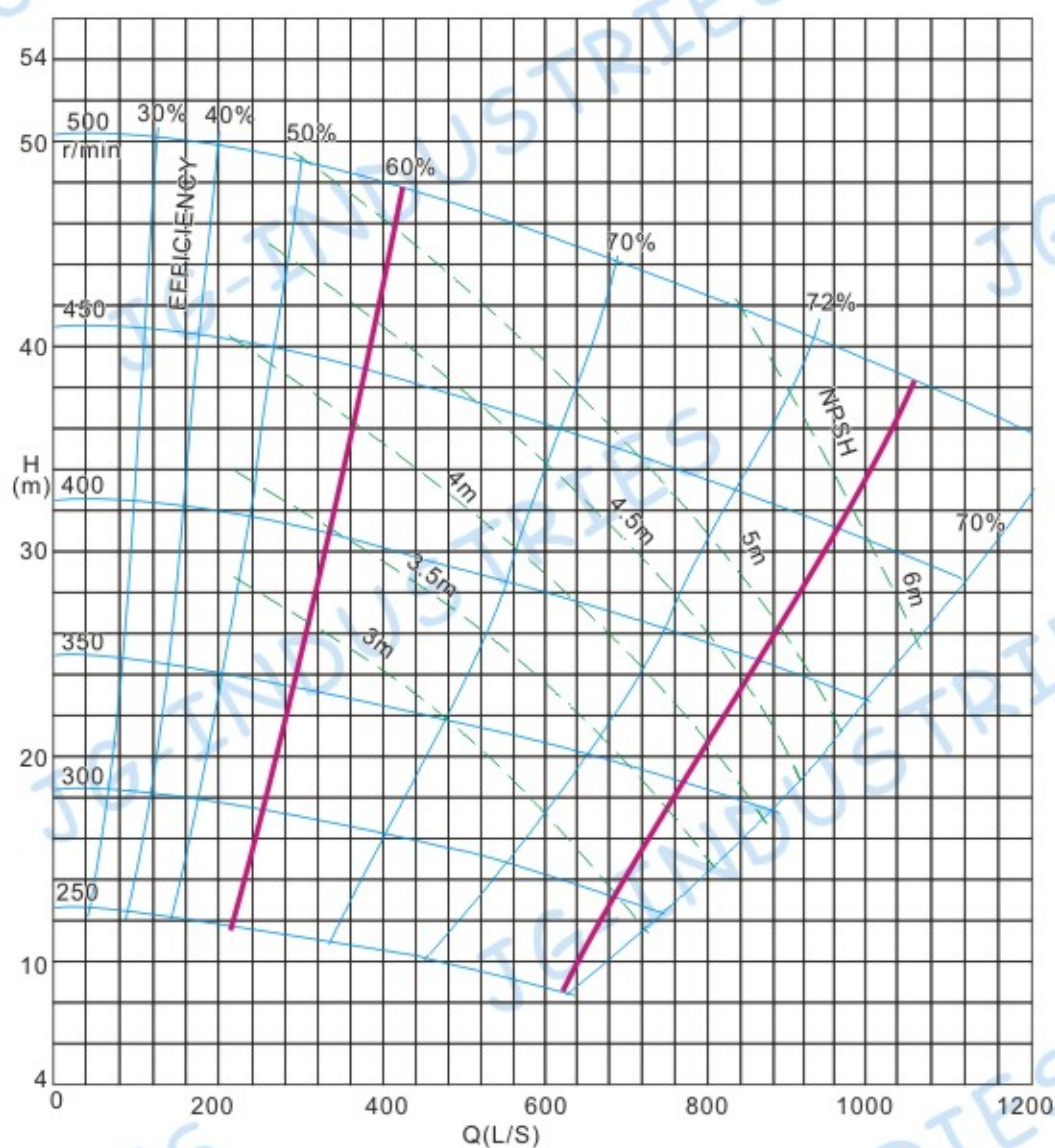
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame		产品 型号 Type	允许最大功率 Max. Permissible Power (kw)		许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
							WPA1816A11
400	G	GG	GS	600	900	254	叶轮 Impeller
	T	TU		1200	1200		G GS16137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



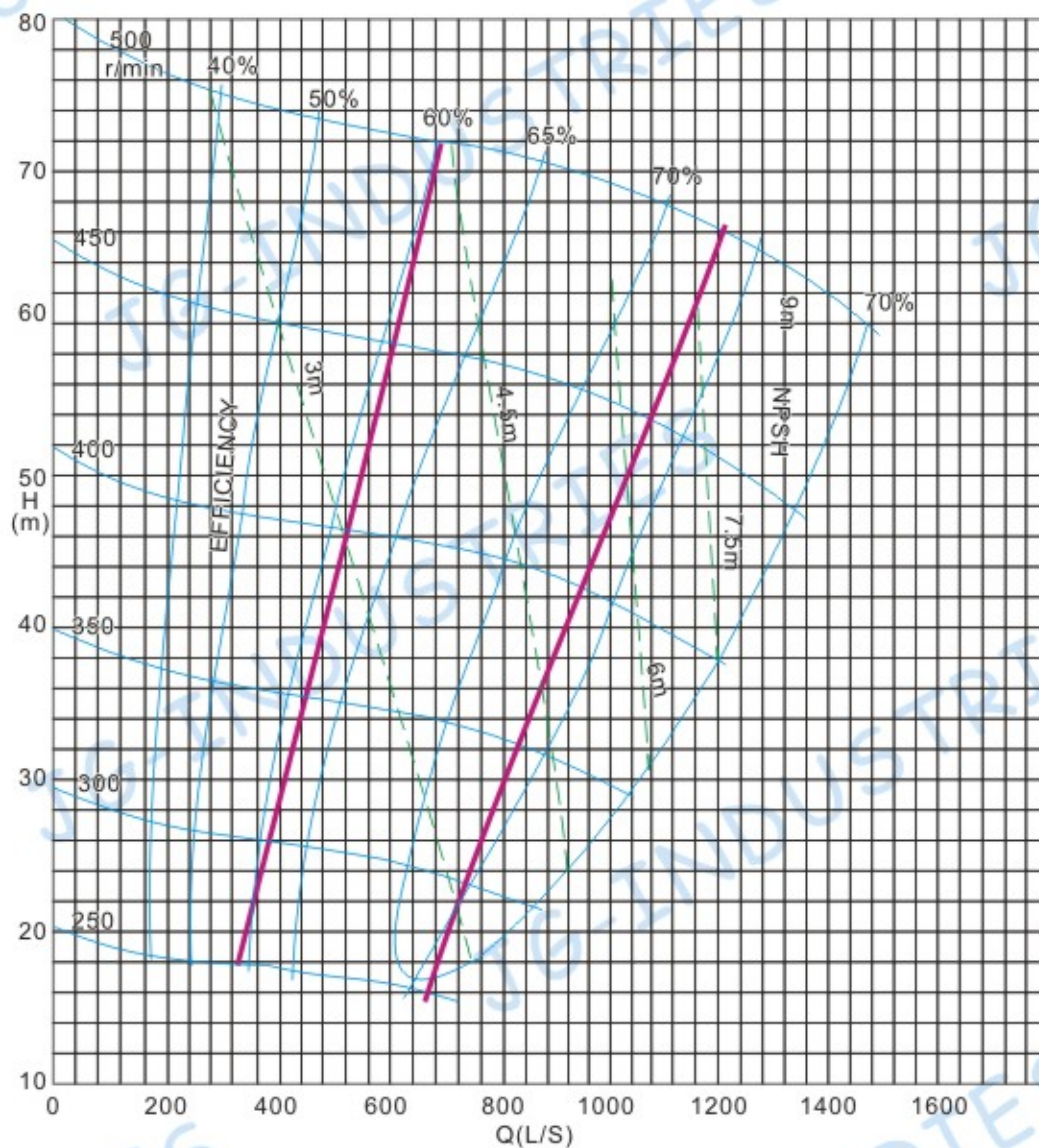
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame		产品 型号 Type	允许最大功率 Max. Permissible Power (kw)		许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
							ESY7414
400	U	TU	GSH	2000	1200	254	叶轮 Impeller
	T			1400			3枚叶片

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



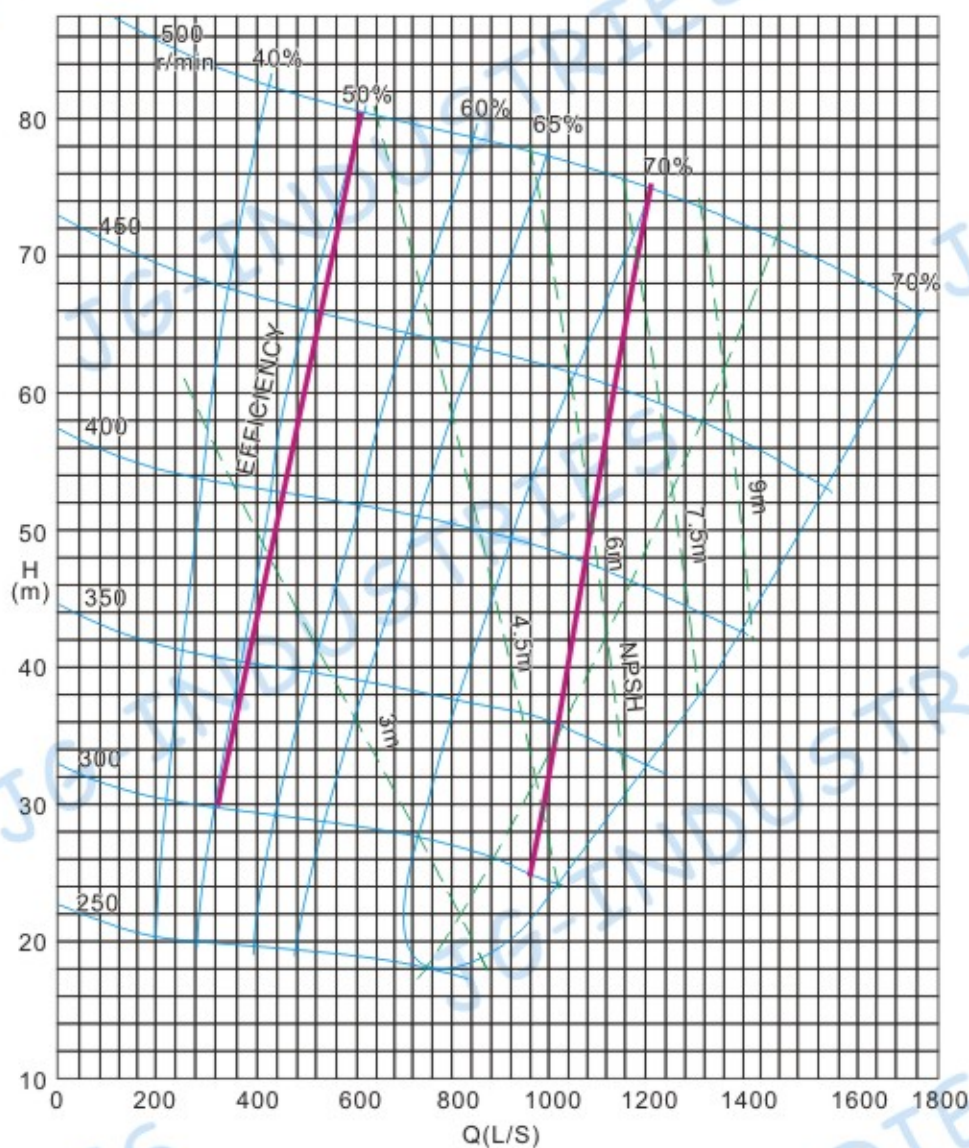
清水特性曲线

Characteristic curve in clear water

口径 Size	托架 型式 Frame		产品 型号 Type	允许最大功率 Max. Permissible Power (kw)		许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
							ESY7409
400	TU	U		1200	2000	254	叶轮 Impeller
	T			1400			H GSH16137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region



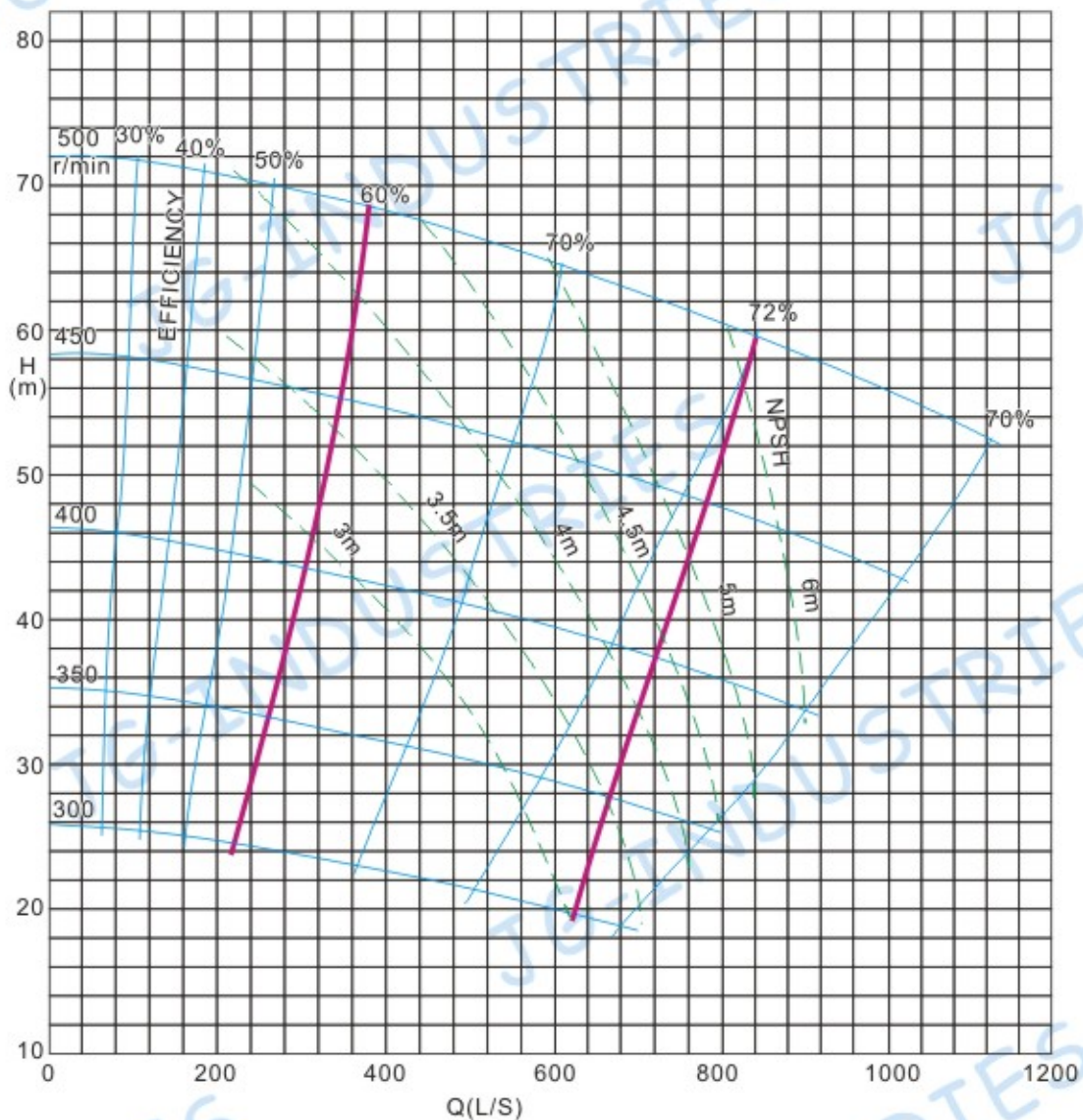
清水特性曲线

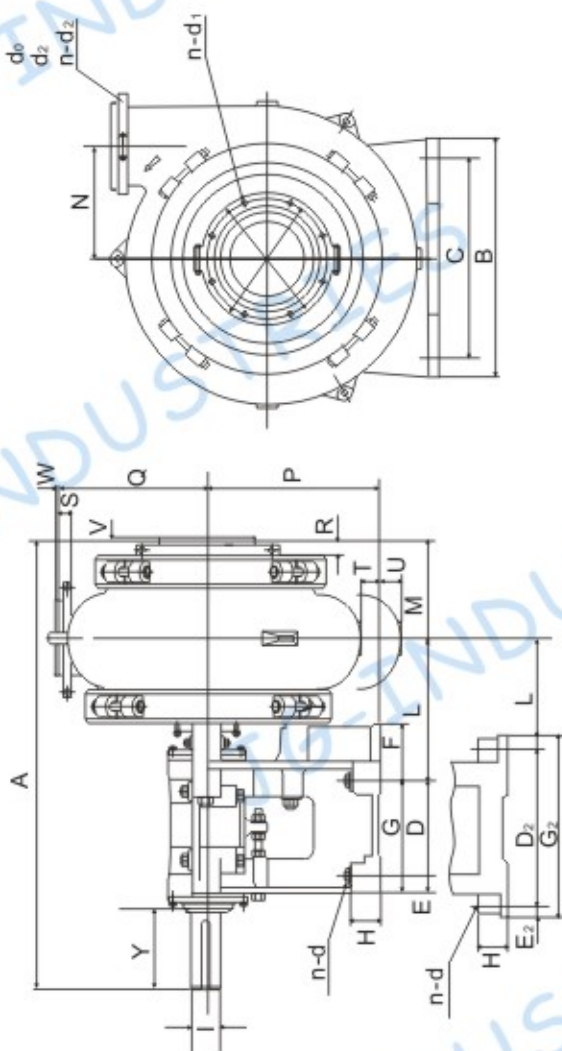
Characteristic curve in clear water

口径 Size	托架 型式 Frame	产品 型号 Type	允许最大功率 Max. Permissible Power (kw)	许过最大粒径 Max. Permissible Particle Size (mm)	曲线号 Curve No.
					ESY7975
350	TU	GSH	1200	230	叶轮 Impeller
	H		1400		H GSH14137

注：图中红线框内为推荐使用区

Note: The Red-line frame shown in curve is the application recommended region





GS、GSH型泵
外形和安装尺寸
OUTLINE DI MENSIONI
FOR TYPE GS & GSH

泵型号	托架尺寸												地脚孔 H.D. bolt holes	泵头尺寸												橡胶垫 joint	吸入口法兰				吐出口法兰				泵重 pump weight kg
	Base dimensions													n-d	Head dimensions												V	W	Intake flange		Discharge flange		n-d2		
Pump Size	A	B	C	D	E	F	G	D2	E2	G2	H	Y	I		L	M	N	P	Q	R	S	T	U	D0	D2	n-d1			d0	d2	n-d2				
100GS-D	1006	492	432	213	38	75	289	-	-	-	54	164	65	4-φ22	330	203	260	330	343	33	32	16	-	8	5	305	260	8-φ19	254	210	4-φ19	460			
150GS-E	1286	622	546	257	54	83	365	-	-	-	75	222	80	4-φ29	392	295	352	457	405	29	29	54	-	6	8	368	324	8-φ19	305	260	8-φ19	1120			
200GS-G	1591	857	762	349	45	45	540	-	-	-	98	281	100	4-φ35	487	330	416	610	533	48	41	60	-	8	6	457	406	8-φ22	368	324	8-φ19	2250			
200GS-S	1720	920	760	-	-	-	-	640	70	780	90	280	120	4-φ35	378	330	416	450	533	48	41	-	102	6	6	457	406	8-φ22	368	324	8-φ19	2285			
250GS-G	2010	1207	851	-	-	-	-	749	64	876	152	356	140	4-φ41	473	368	522	851	665	48	49	238	-	10	8	527	470	12-φ22	457	406	8-φ22	4450			
300GS-G	2096	1207	851	-	-	-	-	749	64	876	152	356	140	4-φ41	502	424	610	851	787	48	48	121	-	8	10	552	495	8-φ22	527	470	12-φ22	5400			
200GSH-S	1774	920	760	-	-	-	-	640	70	780	90	280	120	4-φ35	455	330	475	450	620	48	42	-	206	8	6	457	406	8-φ22	368	324	8-φ19	3188			
250GSH-G	2062	1219	851	-	-	-	-	749	64	876	152	356	140	4-φ41	496	400	605	851	800	60	60	40	-	10	8	533	476	8-φ29	483	432	8-φ25	4638			
350GSH-TU	2367	1460	1200	-	-	-	-	860	95	1050	150	350	150	4-φ79	649	448	765	900	1008	72	82	-	120	8	10	650	600	12-φ28	600	540	12-φ28	12247			



海/聚/精/工

Sea poly Seiko

Morality and Credit all over the world

德/信/天/下

石家庄精工水泵有限公司

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