

HY 化工液下泵

CHEMICAL SUBMERGED PUMP

(HY HYK)

● 化工 Chemical ● 石化 Petrochemical ● 环保 Environmental protection ● 造纸 pulp & paper ● 冶金 Metals ● 油库 Oil

- 参照API610标准
Conform to API610 Standard
- 最大工作压力2.5MPa
Max operating pressure 2.5MPa
- 流量 (3~3400) 立方米/小时
Range of Capacity (3~3400)m³/h
- 扬程 (5~100) 米
Total head (5~100)m
- 温度 (-20~200)℃
Range of operating Temperature (-20~200)℃
- 1995年通过ISO9001质量管理体系认证
Attained the ISO9001 quality management system authentication in 1995
- 2005年通过ISO10012:2003国际测量管理体系认证
Attained the ISO10012:2003 measurement management system authentication in 2005
- 2006年通过AAA级企业标准体系认证
Attained the AAA standardization system authentication in 2006
- 2011年通过ANSI/API Spec. Q1, ISO/TS29001质量管理体系认证
Attained ANSI/API Spec. Q1, ISO/TS29001 quality management system authentication in 2011



省 级
化 工 泵
研 发 中 心



ISO9001
质量
管理
体系
认证



浙江华泵科技有限公司
HB PUMP CO., LTD.
杭州碱泵有限公司
HANGZHOU ALKALI PUMP CO.,LTD.

华泵新科技 省电省备件



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使用 前 请 详 细 阅 读
READ CAREFULLY BEFORE USING

泵工作条件 Working Conditions of the Pump

工作条件 Operating conditions				输送介质 Pumped fluid				
流量 Capacity	m ³ /h	最大 Max	额定 Rated	最小 Min	1介质 1Media	最大比例 Max ratio	% 最小比例 Min ratio %	
扬程 Total head	m	最大 Max	额定 Rated	最小 Min	2介质 2Media	最大比例 Max ratio	% 最小比例 Min ratio %	
进口压力 Suction pressure	MPa	最大 Max	额定 Rated	最小 Min	3介质 3Media	最大比例 Max ratio	% 最小比例 Min ratio %	
出口压力 discharge pressure	MPa	最大 Max	额定 Rated	最小 Min	固 体 Solid	含量 (湿基) Content (humidity) Wt %		
必需汽蚀余量 NPSH required	m			粒度直径 Particle diameter mm				
操作条件 Operating conditions	连续 Continuous	间断 Intermittent		介质特性 Medium characteristics	腐蚀 Corrosion	磨(冲)蚀 Abrasion		
现场资料和公用事业条件 Spot conditions				泵送温度 Operation temp	℃	最大 Max	正常 Normal	最小 Min
位置 Position				密度 Density	在操作温度下 Under operating temp kg/m ³			
室内 Indoor	有采暖 With heating	有遮棚 With shield		粘 度 Viscosity	在操作温度下 Under operating temp mPa,s			
室外 Outdoor	无采暖 Without heating	无遮棚 Without shield		汽化压力 Vapor pressure	在操作温度下 Under operating temp MPa(A)			
必须的防寒气候条件 Requirement of Cold-proof				比 热 Specific heat	kcal/kg℃			
必须的耐湿热气候条件 Requirement of Damp-heat-proof				氯化物浓度 Concentration of chloride	PPM			
现场资料 Site condition				H2S(硫化氢)浓度 Concentration of H2S	PPM			
海拔高度 Altitude	m			危险程度 Hazardous liquid	易燃 Flammable	易爆 Explosive	有毒 Toxic	
大气压力 Atmosphere pressure	kPa			挥发特性 Volatile characteristics	易 Easy	不易 Not easy		
相对湿度 Relative humidity	最大 Max	最小 Min	%	沸 点 Boiling point	℃			
环境温度范围 Ambient temp. Range	℃			结晶温度 Crystallization temp	℃			
异常条件 Abnormal conditions	粉尘 Dust	烟雾 Smoking		熔 点 Smelting point	℃			
危险区域 Electrical classification	类 Class	级 Division	组 Group	闪 点 Point of flammability	℃			
电源 Power source	伏特 Volt	赫兹 Hz	相 Phase	相容的液体 Compatible liquid				
冷却水 Cooling water	温度 Temp	℃	压力 Pressure	相容的橡胶 Compatible rubber				
	氯化物浓度 Chloride concentration			临界温度 Critical temp	℃			
仪表压缩空气 Compressed air of instrument	最大/最小压力 Max / Min. Pressure			临界压力 Critical pressure	MPa			
传动方式 Driving way				其 它 Other				
联轴器 Coupling type								

一、简介 INTRODUCTION TO HY CHEMICAL SUBMERGED PUMP

(一) 简介

HY化工液下泵为单级单吸立式离心泵，是在吸收国内外先进技术的同时，结合我公司IJ型化工流程泵的成熟技术，根据市场需求，自主设计开发的新型、节能、环保产品。适用于石化、化工、冶金、油库、污水处理等行业中输送清洁或少量含有固体悬浮颗粒和结晶物的腐蚀性液体。

HYK型液下泵是HY液下泵的延伸产品，采用开式叶轮，有较强的纤维和颗粒通过能力，运行平稳。适用于造纸、冶金、化肥、采盐、排污等行业中输送浓度小于8%的纸浆和固含量小于30%的其他浆料。

1.Introduction

HY series chemical submerged pump is a vertical centrifugal pump of single stage, end suction, with innovative design, energy-saving and green products. It absorbs the advanced techniques of the domestic and international, combined the mature technology of IJ series chemical pump according to the market demand. It is applied to the Petrochemical, chemical, metallurgical, depot, sewage treatment industries, etc; conveying toxic and corrosive liquid which is clean or contains only very little suspended particles and crystallized substances.

The HYK series is the improved product of HY submerged pump, with open impeller, it has strong capacity to convey fibre and particles. Also, it is suitable for conveying the papermaking, metallurgical, fertilizers, salt collecting, drainage industries, etc; usually with the pulp below 8% density and other liquid with the solid content below 30%.

(二) 用途

碱和无机盐：氨碱法，联碱法生产的氨盐母液、纯碱、隔膜碱和离子膜工艺生产的苛性碱、氯化物和次氯酸盐、硫化碱、硫酸盐、过氧化氢等；

有色金属冶炼：电解铜镍的电解液、生产铝的铝酸钠液、生产钴的酸雾液、生产锌的矿浆液、生产钒的钒酸铵、生产黄金的酸雾液和硫脲液等；

钢铁工业：电镀、酸洗、电泳漆等；

制酸工业：盐酸、硝酸、硫酸、磷酸、磷酸料浆、醋酸等；

石油化工：石油的炼制、裂解、分离、丁二烯、烷基苯、甲醇等；

合成纤维和塑料工业：涤纶、二氯甲烷、环氧氯丙烷、三氯丙烷、聚氯乙烯、二甲基甲酰胺等；

造纸工业：纸浆蒸煮液、绿液、白液、浓黑液、漂白液等；

2.Applicable

Soda and inorganic salts: ammonia salt blending, soda manufactured by ammonia soda process, pure soda, caustic soda manufactured by diaphragm process and ion exchange membrane process, chloride and hypochlorite, soda sulfide, sulfate, hydrogen peroxide, etc.

Metallurgy: electrolyte of electrolytic copper and nickel, sodium aluminate liquid for aluminum production, acid fro cobalt production, ore slurry for zinc production, ammonium vanadate for vanadium production, acid and thiocarbamide liquid for gold production, etc.

Iron and steel industry: electroplating, scouring and electrophoretic painting, etc.

Acid-making industry: hydrochloric acid, nitric acid, sulfuric acid, phosphoric acid, phosphoric acid pulp, acetic acid, etc.

Petrochemical industry: petroleum's refining, splitting and separation, butadiene, alkylbenzene, carbinol, etc.

Fiber and plastic industries: dacron, dichloromethane, epichlorohydrin, trichloropropane, PVC, DMF, etc.

Paper-making industry: pulp digestion liquor, green liquor, white liquor, concentrated black liquor, bleaching liquor, etc.

化肥工业: 尿素、硝酸铵、碳酸氢铵、氯化铵、硫酸铵、氯化钾、硫酸钾等;

发酵工业: 中间体、乳酸、柠檬酸、食品添加剂、啤酒、各种发酵浆液等;

环境保护: 各种药剂、含酸碱废水等

Chemical fertilizer industry: urea, ammonium nitrate, ammonium bicarbonate, ammonium chloride, ammonium phosphate, potassium chloride, potassium sulfate, etc.

Fermentation industry: intermedium, lactic acid, citric acid, food additives, beer, various fermenting liquor, etc.

Environmental protection: various chemicals, wastewater containing acid and alkali, etc.

(三) 参数范围

流量: (3~3400) m³/h

扬程: (5~100) m

温度: (-20~200) °C

最大工作压力: 2.5MPa

3. Range of parameters

Capacity (3~3400)m³/h

Total head (5~100)m

Temperature (-20~200)°C

Max operating pressure 2.5MPa

(四) 材料

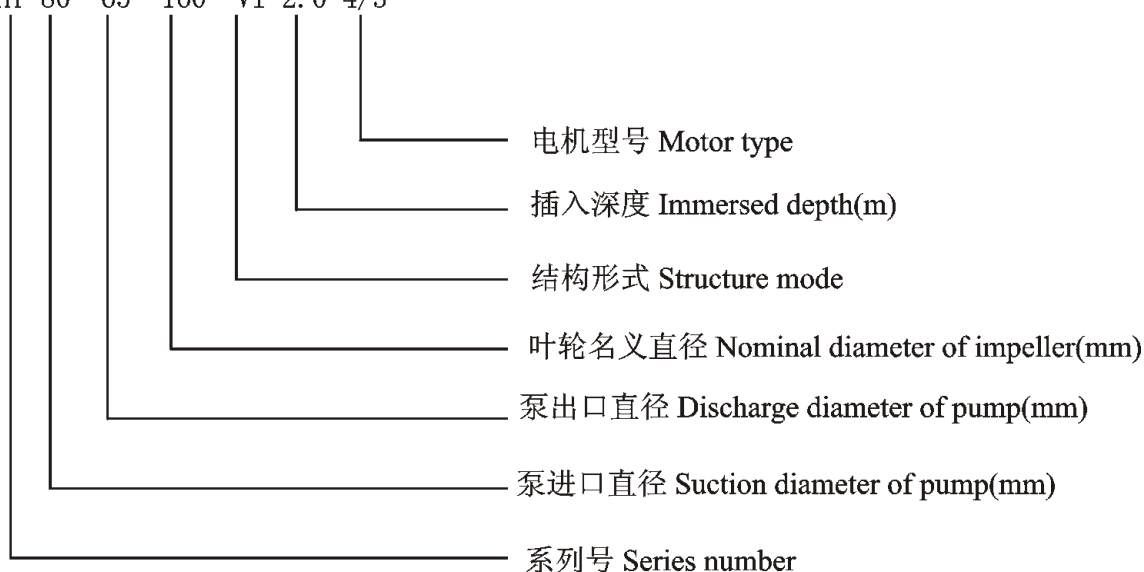
与介质接触的过流部件, 常用材料如下: 304、316、316L、2205、904、蒙乃尔合金、TA2等。

4. Materials

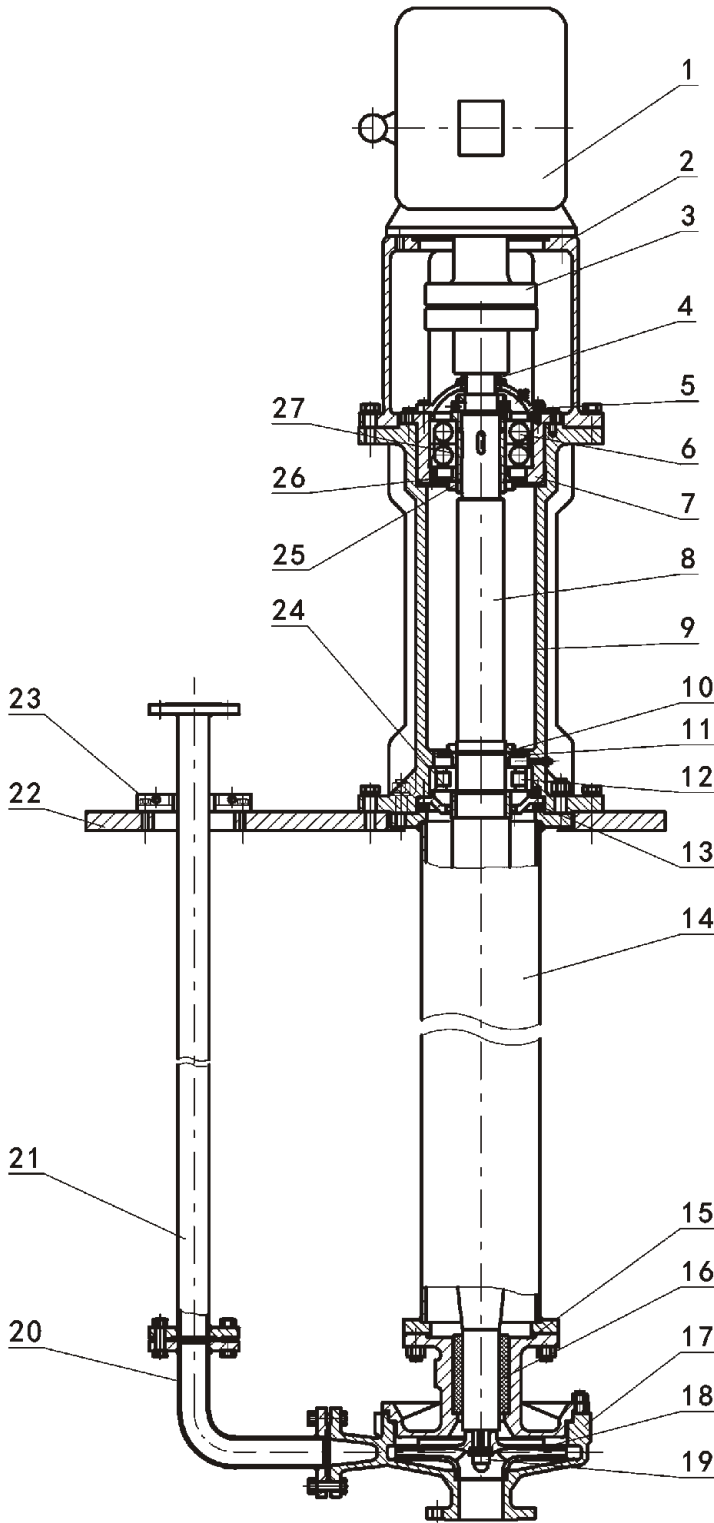
For wetted parts in contact with medium, the common materials are as follows: 304; 316; 316L; 2205; 904; Monel; TA2 etc.

(五) 型号举例说明 PUMP MODEL ILLUSTRATION

HY 80- 65- 160- VI-2.0-4/3



二、泵的结构 STRUCTURE



- | | |
|----------|-------------------------|
| 1、电机 | 1. Motor |
| 2、中间支架 | 2. Intermediate support |
| 3、联轴器 | 3. Coupling |
| 4、防尘盘 | 4. Deflector |
| 5、轴承后盖 | 5. Back bearing gland |
| 6、轴承 | 6. Bearing |
| 7、后轴承套 | 7. Back bearing sleeve |
| 8、轴 | 8. Shaft |
| 9、轴承座 | 9. Shaft block |
| 10、小圆螺母 | 10. Round nut |
| 11、挡油盘 | 11. Oil baffle disc |
| 12、轴承 | 12. Bearing |
| 13、轴承前盖 | 13. Front bearing gland |
| 14、支撑管 | 14. Supporting tube |
| 15、泵盖 | 15. Pump cover |
| 16、整体填料 | 16. Integral packing |
| 17、泵体 | 17. Pump casing |
| 18、叶轮 | 18. Impeller |
| 19、叶轮螺母 | 19. Impeller nut |
| 20、弯头 | 20. Elbow |
| 21、出液管 | 21. Drain pipe |
| 22、底板 | 22. Base plate |
| 23、出液管抱箍 | 23. Drain pipe hooping |
| 24、轴承压套 | 24. Bearing gland |
| 25、小圆螺母 | 25. Round nut |
| 26、挡油盘 | 26. Oil baffle disc |
| 27、轴承套 | 27. Bearing sleeve |

图1 HY-VI型化工液下泵结构示意图
Fig 1 HY-VI standard type pump's structural diagram

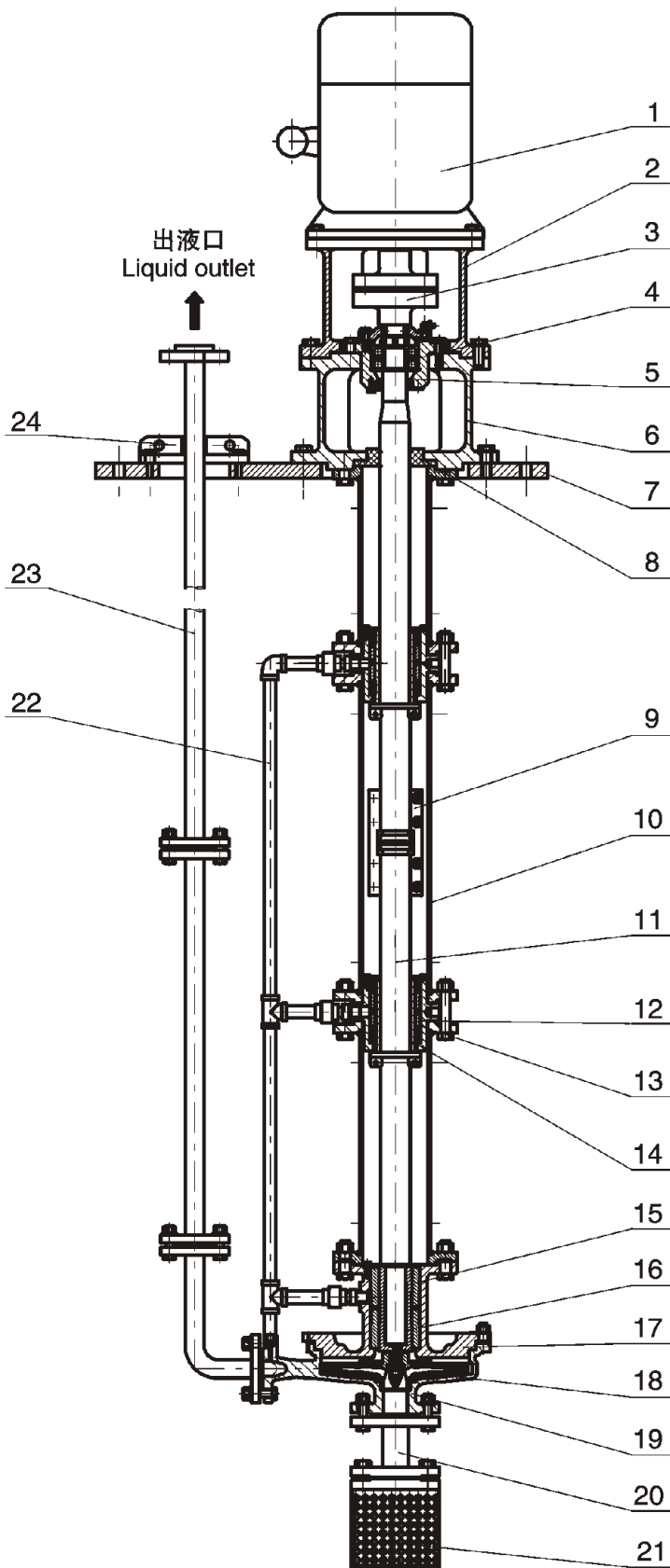


图2 HY-V型化工液下泵结构示意图

Fig 2 HY-V standard type pump's structural diagram

- | | |
|---------|---------------------------|
| 1、电机 | 1. Motor |
| 2、中间支架 | 2. Intermediate support |
| 3、联轴器 | 3. Coupling |
| 4、轴承 | 4. Bearing |
| 5、轴承套 | 5. Bearing sleeve |
| 6、轴承座 | 6. Shaft block |
| 7、底板 | 7. Base plate |
| 8、密封件 | 9. Sealing component |
| 9、轴抱箍 | 9. Shaft hooping |
| 10、支撑管 | 10. Supporting tube |
| 11、轴 | 11. Shaft |
| 12、填料套 | 12. Packing sleeve |
| 13、整体填料 | 13. Integral packing |
| 14、轴套 | 14. Shaft sleeve |
| 15、整体填料 | 15. Integral packing |
| 16、轴套 | 16. Shaft sleeve |
| 17、泵盖 | 17. Pump cover |
| 18、叶轮 | 18. Impeller |
| 19、泵体 | 19. Pump casing |
| 20、进口管 | 20. Liquid refilling pipe |
| 21、过滤罩 | 21. Filter mantle |
| 22、冲洗管 | 22. Flushing pipe |
| 23、出液管 | 23. Drain pipe |
| 24、抱箍 | 24. Hooping |

泵的结构特点:

HY、HYK液下泵采用两种结构形式，图1为悬臂式支撑方式，轴承向无衬套结构，主要适用于液下深度不深，可输送介质含有少量固体颗粒、易产生结晶颗粒的工况；图2为多点支撑方式，该结构主要适用于液下深度较深，输送介质为洁净液体的工况，但支撑的衬套为易损件。

Characteristics of pump structure:

HY; HYK series pump adopt two structure mode, figure 1 cantilever support mode is applied if the submerged level is not deep and the fluid containing solid, especially when the fluid is crystallizing, figure 2 multi-spot supporting mode is adopted if the submerged level is deep and the fluid is clean.

三、订货须知 NOTICE TO ORDER

1、配用电机的额定输出功率与泵的额定轴功率之比应按照下列规定：

泵的轴功率	百分比%
22kW以下	125%
(22~75)kW	115%
75kW以上	110%

1. The ratio of the motor's rated power to the pump's shaft power should be the following:

The shaft power of the pump	the ratio (%)
Below 22kW	125%
(22-75)kW	115%
Above 75kW	110%

2、订货时按《泵工作条件》详细填写。

2. When ordering, please fill in the table "Working conditions of the pump".

3、保修条款只有在使用本公司原厂备件时才有法律效力。

3. Warranty is valid only when genuine spare parts of our company are used.

四、性能表 PERFORMANCE PARAMETERS TABLE

(一)HY型化工液下泵 HY chemical submerged pump

基本参数 Basic Parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity Range	扬程 m Head Range	额定 流量 m ³ /h Capacity	额定 扬程 m Total head	效率 % Efficiency	轴功率 kW Shaft power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.35$
25-25-160	2980	1.28-1.92	32-48	1.6	40	10	1.75	Y100L-2/3	Y112M-2/4
40-25-160	1450	1.2~3.6	2.8~8.2	3	7.5	28	0.22	Y90L-4/1.5	Y100L ₁ -4/3
40-25-200	1450	1.4~3.6	6~13.7	3	12.5	20	0.52	Y90L-4/1.5	Y90L-4/1.5
40-25-250	1450	1.4~3.6	10~21.2	3	20	16	1.04	Y100L ₂ -4/3	Y112M-4/4
40-25-255	1450	2.5-3.78	20-30	3.15	25	18	1.18	Y100L ₂ -4/3	Y112M-4/4
50-32-125	1450	5~9	4~6	6.3	5	43	0.199	Y90L-4/1.5	Y100L ₂ -4/3
50-32-160	1450	5~9	6.5~9.6	6.3	8	40	0.34	Y90L-4/1.5	Y100L ₂ -4/3
50-32-200	1450	5~9	10~15	6.3	12.5	33	0.65	Y100L ₁ -4/2.2	Y100L ₂ -4/3
50-32-250	1450	5~9	16~24	6.3	20	27	1.27	Y100L ₂ -4/3	Y112M-4/4
65-50-125	1450	10~15	4~6	12.5	5	55	0.31	Y90L-4/1.5	Y100L ₂ -4/3
65-50-160	1450	10~15	6.5~9.6	12.5	8	51	0.53	Y90L-4/1.5	Y100L ₂ -4/3
65-40-200	1450	10~15	10~15	12.5	12.5	46	0.93	Y100L ₁ -4/2.2	Y100L ₂ -4/3
65-40-250	1450	10~15	16~21	12.5	20	39	1.75	Y100L ₂ -4/3	Y132M-4/7.5
65-50-250	1450	11~17	12~16	13.8	15	42	1.34	Y100L ₁ -4/2.2	Y100L ₁ -4/2.2
65-40-315	1450	10~15	25.6~33	12.5	32	33	3.3	Y132S-4/5.5	Y132M-4/7.5
80-65-125	1450	20~30	4~6	25	5	64	0.53	Y90L-4/1.5	Y100L ₂ -4/3
80-65-160	1450	20~30	6.4~10	25	8	62	0.88	Y100L ₁ -4/2.2	Y112M-4/4
80-50-180	1450	16~24	6.5~11	20	10	57	0.96	Y100L ₁ -4/2.2	Y132S-4/5.5
80-50-200	1450	20~30	10~14	25	12.5	57	1.49	Y100L ₂ -4/3	Y132S-4/5.5
80-50-250	1450	20~30	16~21	25	20	52	2.62	Y112M-4/4	Y132M-4/7.5
80-50-300	1450	16~24	16~26	20	25	45	3	Y112M-4/4	Y160L-4/15
80-50-315	1450	20~30	29~35	25	32	44	4.9	Y132S-4/5.5	Y160M-4/11
80-50-400	1450	16~24	31~49	20	47.5	29	8.9	Y160M-4/11	Y160L-4/15
100-80-125	1450	40~60	4~6	50	5	69	1	Y100L ₁ -4/2.2	Y132M-4/7.5
100-80-160	1450	40~60	6.4~9	50	8	69	1.58	Y100L ₁ -4/2.2	Y225S-4/37
100-80-200	1450	60~90	10~15	75	12.5	68	3.75	Y132S-4/5.5	Y112M-4/4

基本参数 Basic Parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity Range	扬程 m Head Range	额定 流量 m ³ /h Capacity	额定 扬程 m Total head	效率 % Efficiency	轴功率 kW Shaft power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.35$
100-80-450	1450	48~79	60~80	66	70	53.5	24	Y200L-4/30	Y225M-4/45
100-65-200	1450	40~60	10~15	50	12.5	68	2.5	Y100L ₂ -4/3	Y132S-4/5.5
100-65-220	1450	30~45	11~17	37.5	16	60.5	2.7	Y112M-4/4	Y132S-4/5.5
100-65-250	1450	40~60	16~22	50	20	63	4.3	Y132S-4/5.5	Y132M-4/7.5
100-65-315	1450	35~65	30~33	50	32	60	7.26	Y160M-4/11	Y160L-4/15
100-65-400	1450	30~45	31~49	37.5	47.5	40	12.13	Y160L-4/15	Y180M-4/18.5
125-80-200	1450	60~90	10~15	75	12.5	68	3.75	Y132S-4/5.5	Y132M-4/7.5
125-80-250	1450	60~90	16~24	75	20	48	8.5	Y160M-4/11	Y160L-4/15
125-80-350	1450	40~60	30~42	50	37.5	50	10.2	Y160L-4/15	Y180M-4/18.5
125-100-200	1450	70~130	10~15	100	12.5	80	4.25	Y132S-4/5.5	Y132M-4/7.5
125-100-250	1450	80~120	16~24	100	20	72	7.56	Y160M-4/11	Y160L-4/15
125-100-315	1450	80~120	28~35	100	32	67	13	Y160L-4/15	Y180L-4/22
125-100-400	1450	70~140	42~52	100	50	62	22	Y200L-4/30	Y225S-4/37
150-125-250	1450	150~300	13~23	200	20	72	15.1	Y180M-4/18.5	Y200L-4/30
150-125-315	1450	160~250	28~35	200	32	77	22.63	Y200L-4/30	Y225S-4/37
150-125-350	1450	160~240	36~41	200	40	70	31.1	Y225S-4/37	Y225M-4/45
150-125-400	1450	150~300	40~54	200	50	71	38.3	Y225M-4/45	Y250M-4/55
200-150-260	1450	240~360	13~21	300	20	68	24.7	Y200L-4/30	Y225M-4/45
200-150-320	1450	240~360	18~29	300	28	65.5	35	Y225M-4/45	Y250M-4/55
200-150-390	1450	240~360	24~37	300	36	75	39.2	Y225M-4/45	Y250M-4/55
200-150-440	1450	240~360	40~52	300	50	72	56.7	Y280S-4/75	Y280M-4/90
200-150-250	1450	250~520	12~23	400	20	74	29.4	Y225S-4/37	Y225M-4/45
300-250-450	980	440~675	11~15	530	14	78	25.9	Y225S-4/37	Y225M-4/45
350-300-400	980	530~790	14~19	662	17.5	71	44.5	Y280M-6/55	Y315S-6/75
350-350-400	980	1200~1800	10~15	1500	12.5	79	65	Y315S-6/75	Y315L-6/110
400-400-550	980	1900~2500	15~28	2300	22	86	160.3	Y355S-6/185	Y315L-6/250
500-500-650	740	2800~3800	12~25	3400	20	87	213		

注：电机功率的配置因受液下插入深度的影响而不同，本表电机功率仅以液下插入深度1m时为基准配置。

The motor's rated power is related with the submerged depth, so the motor's power in the table is set when the submerged depth is 1m.

(二)HYK型液下泵 **HYK submerged pump**

基本参数 Basic Parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity Range	扬程 m Head Range	额定 流量 m ³ /h Capacity	额定 扬程 m Total head	效率 % Efficiency	轴功率 kW Shaft power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.35$
50-32-160	1450	3.8~7.5	6~9	6.3	8	26	0.53	Y100L-4/3	Y100L-4/3
50-32-200	1450	3.8~7.5	10~15	6.3	12.5	26.5	0.81	Y100L-4/3	Y100L-4/3
50-32-250	1450	5~7.6	18~22	6.3	20	15	2.29	Y100L ₂ -4/3	Y112M-4/4
65-50-125	1450	7~15	3~5	12.5	4.5	47.2	0.32	Y100L-4/3	Y100L-4/3
65-50-160	1450	7.5~15	6~9	12.5	8	51	0.53	Y100L-4/3	Y100L-4/3
65-40-200	1450	7.5~15	10~15	12.5	12.5	46	0.93	Y100L-4/3	Y100L-4/3
65-40-250	1450	7.5~15	16~22	12.5	21	33.5	2.14	Y100L ₂ -4/3	Y112M-4/4
65-40-315	1450	7.5~15	30~34	12.5	32	21.9	4.98	Y132S-4/5.5	Y132M-4/7.5
80-65-125	1450	15~30	5~7	25	6.25	52.8	0.81	Y100L-4/3	Y100L-4/3
80-65-160	1450	12~30	6.4~10	25	8	55.2	0.99	Y100L-4/3	Y100L-4/3
80-50-200	1450	15~30	10~14	25	13	49.1	1.8	Y100L ₁ -4/2.2	Y100L ₂ -4/3
80-50-250	1450	15~30	16~21	25	20	45.2	3.01	Y112M-4/4	Y132S-4/5.5
80-50-315	1450	15~30	29~35	25	32	42.2	5.17	Y132M-4/7.5	Y160M-4/11
100-80-125	1450	30~60	4~6.5	50	5.5	65.5	1.14	Y100L ₁ -4/2.2	Y100L-4/3
100-80-160	1450	30~60	6.4~9	50	8	55.3	1.97	Y100L ₁ -4/2.2	Y100L ₂ -4/3
100-65-200	1450	30~60	10~14.5	50	12.5	58	2.94	Y112M-4/4	Y132S-4/5.5
100-65-250	1450	30~60	16~22	50	20	54.3	5.02	Y132M-4/7.5	Y160M-4/11
100-65-315	1450	30~60	30~33	50	32	50.9	8.57	Y160M-4/11	Y160L-4/15
125-80-200	1450	45~90	10~15	75	12.5	64.5	3.96	Y132S-4/5.5	Y132M-4/7.5
125-100-200	1450	60~120	10~15	100	12.5	65.5	5.2	Y132M-4/7.5	Y132M-4/7.5
125-100-250	1450	60~120	18~22	100	20	59.5	9.16	Y160M-4/11	Y160L-4/15
125-100-315	1450	60~120	28~34	100	32	62.5	13.95	Y180M-4/18.5	Y180L-4/22

基本参数 Basic Parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity Range	扬程 m Head Range	额定 流量 m ³ /h Capacity	额定 扬程 m Total head	效率 % Efficiency	轴功率 kW Shaft power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.35$
125-100-400	1450	60~120	45~53	100	50	54.9	24.82	Y200L-4/30	Y225S-4/37
150-125-250	1450	120~240	15~23	200	20	70	15.14	Y180M-4/18.5	Y200L-4/30
150-125-315	1450	120~240	28~34	200	32	66.5	26.22	Y200L-4/30	Y250M-4/45
150-125-400	1450	120~240	45~53	200	50	60	45.41	Y250M-4/55	Y280S-4/75
200-150-260	1450	180~360	16~22	300	20	68	24.04	Y200L-4/30	Y225S-4/37
200-150-320	1450	180~360	31~38	300	36	70	42.04	Y225M-4/45	Y280S-4/75
200-150-390	1450	180~360	45~53	300	50	67	61	Y280S-4/75	Y280M-4/90
200-150-250	1450	240~480	12~23	400	20	70	31.14	Y225S-4/37	Y225M-4/45
200-150-315	1450	240~480	28~34	400	32	67	52.06	Y250M-4/55	Y280S-4/75
200-150-400	1450	240~480	45~53	400	50	79.1	68.89	Y280S-4/75	Y315S-4/110

注：电机功率的配置因受液下插入深度的影响而不同，本表电机功率仅以液下插入深度1m时为基准配置。

The motor's rated power is related with the submerged depth, so the motor's power in the table is set when the submerged depth is 1m.

主要产品系列

ÍJ 化工流程泵
AZ 浆泵
HLT 立式化工通道泵
HJD 化工多级泵
HPA/HPB 石油化工流程泵
HZW 轴流泵
ÍFK 氟塑料泵
HY 化工液下泵
MHT 轻型渣浆泵
HZJ 重型渣浆泵
HYM 液下渣浆泵
FGD 石灰石石膏脱硫泵
HBE 液环真空泵
HW 化工混流泵
MSD 中开多级泵
HYD 液下多级泵
HRV 高温熔盐泵
ÍP 石化流程泵
HBR 工业软管泵

MAIN PRODUCT SERIES

ÍJ Chemical process pump
AZ Pulp pump
HLT Vertical chemical process pump
HJD Chemical multi-stage pump
HPA/HPB Petrochemical process pump
HZW Axial-flow pump
ÍFK Plastic pump
HY Chemical submerged pump
MHT Light-duty slurry pump
HZJ Heavy-duty slurry pump
HYM Submerged slurry pump
FGD Pump for flue gas desulfurization
HBE Liquid ring vacuum pump
HW Chemical mixed-flow pump
MSD Split multistage pump
HYD Submerged multistage pump
HRV High temperature liquid salts pump
ÍP Petrochemical process pump
HBR Industry hose pump

浙江华泵科技有限公司
杭州碱泵有限公司
杭州市三墩镇西湖科技园西园五路12号 邮编Zip: 310030
No.12 Xiyuan 5 Road, Westlake Science & Technology
Zone, Sandun Town, Hangzhou

销售部电话Tel:+86 571 89905601 89905603
+86 571 89900102(For International Clients)
销售部传真Fax:+86 571 89905602
Http://www.hbgroups.com
E-mail:sales@hbgroups.com