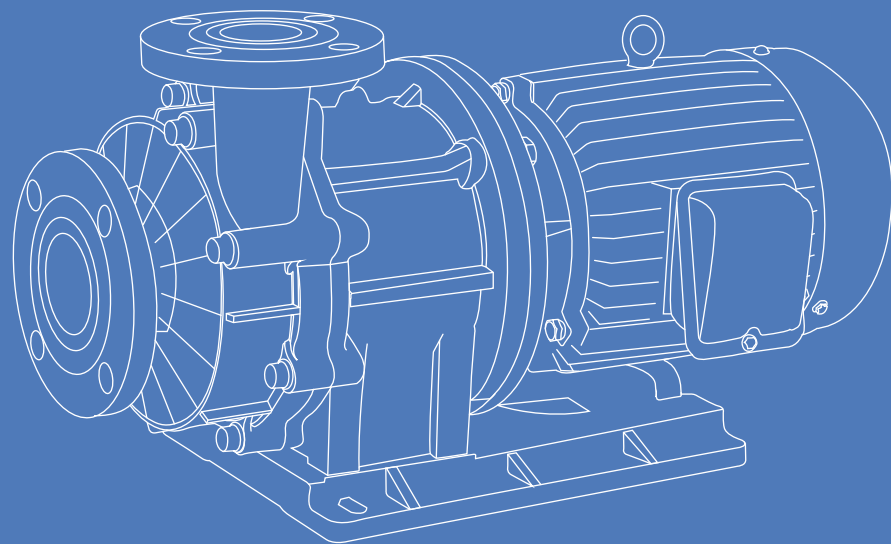




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Product Manual

磁力泵/自吸泵/直立式耐酸碱泵

Magnetic pump/self-priming pump/vertical acid and alkali resistant pump

创新 · 超越 · 诚信 · 务实
Innovation Ascent Integrity Practicality

 **浙江意达泵业有限公司**
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浙江意达泵业有限公司
ZHEJIANG YIDA PUMPS CO.,LTD

MAGNETIC
PUMP

A / 公司简介

Company Introduction

浙江意达泵业有限公司具有三十多年的化工泵专业制造历史，是一家集开发、生产、销售、为一体的高新技术企业。

Zhejiang Yida Pumps Co., Ltd. has more than 30 years' professional experience of chemical pump manufacture. It is a high-tech company with a complete industrial chain from development, manufacture to sales.

拥有先进的计算机辅助设计系统，已建成通过国家标准的大型全封闭水泵测试。

With the help of the company's advanced computer-aided design system, Yida has built a large-scale fully enclosed water pump test bench that has passed national standards.

公司主要产品：MP、MPH、CQF系列磁力泵、CQF-Z系列自吸式磁力泵、YD系列铁氟龙弹性轴封系列自吸式耐酸碱泵、YDN/YDS/YDW系列可空转直立式耐酸碱泵浦，已通过全国工业生产许可证。产品广泛应用于化工、电镀、环保、水处理、新能源、半导体、印刷电路板、太阳能光伏等行业。

The company's main products include MP series magnetic pump, MPH series magnetic pump, CQF series magnetic pump, CQF-Z series self-priming magnetic pump, YD series self-priming chemical pump, YDN series idling-capable vertical chemical pump, S series idling-capable vertical chemical pump and W series idling-capable vertical chemical pump. All have been issued the national production license for industrial products and are widely used in chemical, electroplating, environmental water treatment, new energy, semiconductor, medical, food, printed circuit boards, solar photovoltaic and other industries.



B / 品质

Quality

视为企业的生命
Product quality is Yida's lifeblood.

我们用品质说话,用信誉保证,秉承“坚持巅峰，追求卓越”的宗旨，质量对一个企业来说是至关重要的因素，是获取消费者信任的根本，是产品在市场立足的依赖，是产品打入国际市场的重要保障。

Yida's prestige is rooted in its product quality and credibility. It adheres to the tenet of "Beyond The Excellence" and upholds product quality as the first priority to win customers' trust and to establish a foothold in the domestic and international markets.

为维护企业优良的品牌声誉，“意达”将产品品质视为重中之重，力求让每一台泵都能超额满足消费者的需求。

In order to maintain a good corporate brand reputation, Yida implements strict quality inspection to ensure that every single pump and every single screw is fine before reaching the hands of customers.

顺利通过CCC、CE认证，使我们高质量的产品在激烈的市场竞争中处于领先的地位。

All the products of Yida are of high-quality and have passed the CE, CCC, IOS9001 quality management system certifications, enabling the company to maintain a leading role in the fierce market competition.



浙江意达泵业有限公司

Enterprise Honor

权威机构认证, 专业严格检验, 市场美誉度高, 这是对意达品质的认可和信誉的积累。

Authoritative organization certification, professional and strict inspection and high market reputation attest the recognition of Yida's product quality and the accumulation of its industrial reputation.

多重品质保证值得信赖, 大浪淘沙始得金——相信市场, 相信意达。

When the waves wash away the sands, those who sink are gold. Paring down the packing and propagating, what remains is Yida's trustworthy product quality.—Trust the choice of the market, trust Yida.

CE认证:TCF-2020727-MD TCF-2020727-EMC

CE Certification:2020727-MD TCF-2020727-EMC

化学工业 Chemical industry

化工业（盐酸、次氯酸、二次化学品的生产）；氟化物、化学肥料的生产；气体吸收塔反应液体循环；油脂提炼（硫酸）；废酸类的回收及再生系统；化工厂的运输车辆间的强酸类运输。

Sodium carbonate chemical industry (production of hydrochloric acid, hypochlorous acid and other chemicals; production of fluoride and chemical fertilizers; gas absorption tower reaction liquid circulation; oil refining (sulfuric acid); waste acid recycling and regeneration system; transport of strong acids between transport vehicles.

表面处理 Surface treatment

铝氧化处理设备；线材拉伸，钢铁轧制中除油及酸洗；车辆喷漆前除油及酸洗处理电泳；氧化钛、稀土元素的生产等。

Aluminum oxidation treatment equipment; wire drawing, degreasing and pickling in steel rolling; degreasing, pickling and electrophoresis before vehicle painting; production of titanium oxide, rare earth elements and etc.

环保 Environmental Protection

添加污水处理化学药剂到药液缸；收集及输送废液；废气处理设备（除臭装置，排放废气前脱硫）。

Add sewage treatment chemicals to cylinder; collect and transport waste liquid; waste gas treatment equipment (deodorization and desulfurization before emission of waste gas).

电器用具业 Electrical Appliance Industry

电解质电容器的生产（铝膜的浸蚀）；干电池和蓄电池制作过程中输送电解液；线路板的蚀刻；半导体生产过程中输送高纯度化学液。

Production of electrolytic capacitors (etching of aluminum film); transport of electrolyte during production of dry cells and storage batteries; etching of circuit boards; transport of high-purity chemical solutions during semiconductor production.

电镀业 Electroplating Industry

循环过滤各类电镀液、废气、污水处理。

Cycling filtration of various electroplating solutions, waste gas and sewage.

医疗 Medical Treatment

人造肾脏、心肺、超声波清洗机及各种医疗设备。

Artificial kidneys, heart and lungs, ultrasonic cleaning machines and various medical equipments.

水处理 Water Treatment

清洗离子交换树脂；纯水生产设备；海水淡化设备。

Cleaning ion exchange resin; pure water production equipment; sea water desalination equipment.

药剂业 Pharmacy Industry

半导体用的发光化学物（LED）、农药、医药、水处理化学剂的生产。

Production of luminescent chemicals (LED) for semiconductors, pesticides, medicines, and water treatment chemicals.

照片业 Photo industry

即现照相系统；X-光片、黑白、彩色、立体照片的冲晒。

Instant camera; X-ray, mono chrome, photo chrome and stereo chrome photographic processing.

矿业 Mining Industry

金属熔炉（输送及循环电解液）；废液的洗涤处理。

Metal melting furnace (transport and circulation of electrolyte); washing treatment of waste liquid.

食品工业 Food Industry

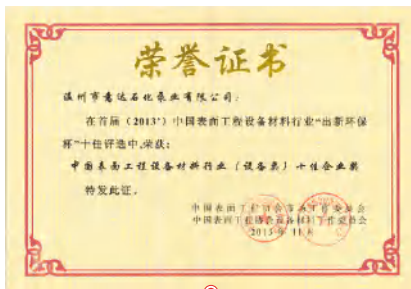
葡萄糖酸的生产（盐酸）；食油的提炼（硫酸）；罐装水果工业（盐酸）。

Production of gluconic acid (hydrochloric acid); refining of edible oil (sulfuric acid); canned fruit(hydrochloric acid).

其他 Other Industries

贵金属回收、印刷油墨、实验工厂、制冷、饮品机、生活锅炉、热交换器、太阳能光伏、漂染、激光系统等领域及喷水池、鱼池、光赏鱼缸使用。

Precious metal recycling, printing ink, experimental plant, refrigeration, beverage machine, domestic boiler, heat exchanger, solar photovoltaic, bleaching and dyeing, laser system, fountain, fish pond, and light aquarium.



01 MP系列磁力泵 MP Series Magnetic Pump



MP-10R(M)



MP-20R(M)



MP-30R(M)



MP-40RX(M)



MP-55R(M)



MP-100R(M)

02 MPH 系列磁力泵 MPH Series Magnetic Pump



MPH-400



MPH-423



MPH-650

03 CQF系列磁力泵 CQF Series Magnetic Pump



CQF20-20-110



CQF32-25-115



CQF40-32-130

04 YD铁氟龙弹性轴封系列自吸式耐酸碱泵 / CQF-Z 自吸式磁力泵 YD Series Self-priming Chemical Pump / CQF-Z Series Self-priming Magnetic Pump



CQF-Z50032



YD50052

05 YDN/S/W 系列可空转立式耐酸碱泵 YDN/S/W Series Idling-capable Vertical Chemical Pump



YDN-15SK-1/8



YDS-40SK-35

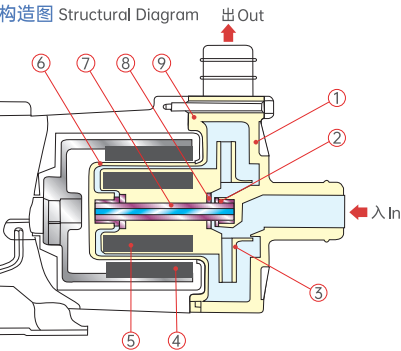


YDW-50SK-55

01/MP 系列磁力泵
MP Series Magnetic Pump

- MP系列磁力泵采用无轴封设计，泵体完全密封，绝无泄漏，不会引起泵体腐蚀及环境污染，是理想的腐蚀性液体输送泵。MP系列最大流量由每分钟11公升至220公升，有软管接口和螺纹接口选择。泵体材料采用玻璃纤维增强聚丙烯及高铝陶瓷，大部分的化学液体均可安全输送。泵体组件模块化，使维修保养极为容易。材质GFRPP、适用温度：80℃以下、PVDF适用温度：100℃以下。

MP-series magnetic pump adopts glandless design with the pump body completely sealed. No leakage, corrosion of the pump body and environmental pollution will occur. It is an ideal corrosive liquid transfer pump. The maximum flow rate of MP-series pump is from 11 liters to 220 liters per minute, offering hose connection and thread connection options. The pump body is made of glass fiber reinforced polypropylene and high alumina ceramics where most chemical liquids can be safely transported. The pump body components are modular, making it easier for maintenance. The applicable temperature of the GFRPP material is below 80℃ and that of the PVDF material is below 100℃.



	部件 Assembly part	材料 Material
1	泵壳 Pump case	玻璃纤维增强聚丙烯 GFRPP
2	轴套 Shaft bushing	四氟填充碳纤维 Carbonfibre filled PTFE
3	叶轮总成 Impeller assembly	玻璃纤维增强聚丙烯 GFRPP / 锶铁氧体 Strontium ferrite
4	主动磁钢杯 Active magnetic cup	锶铁氧体 Strontium ferrite
5	被动磁钢 Passive magnetic	锶铁氧体 Strontium ferrite
6	隔离套 Isolation covering	玻璃纤维增强聚丙烯 GFRPP
7	泵轴 Pump shaft	高铝陶瓷 Alumina ceramic
8	止推环 Thrust ring	高铝陶瓷 Alumina ceramic
9	密封圈 Sealing ring	氟橡胶 FKM / 三元乙丙橡胶 EPDM

MP 规格 MP Specification

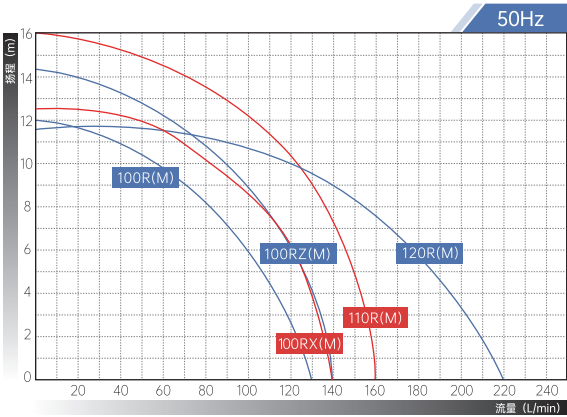
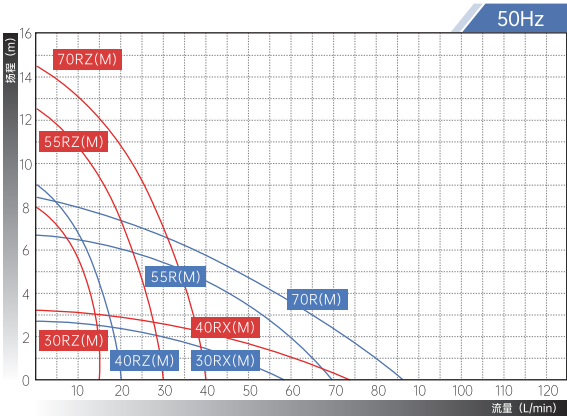
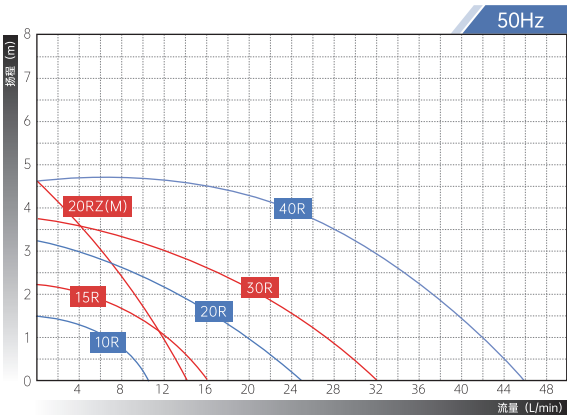
型号 Model	软管接口式 Hose connection		螺纹接口式 Thread connection		最大输出量 Maximum output		标准输出量 Standard output		比重 Specific gravity	电机 Motor	
	入口 Inlet	出口 Outlet	入口 Inlet	出口 Outlet	流量 Flow	扬程 Head	流量 Flow	扬程 Head		功率 Power	电压 Voltage
	(mm)	(mm)	(mm)	(mm)	(L/min)	(m)	(L/min)	(m)		(W)	(V)
MP-10R (M)	14	14	G 1/2	G 1/2	11	1.5	5	1	<1.1	6	220
MP-15R (M)	16	16	G 3/4	G 3/4	16	2.4	8	1.5	<1.1	10	220
MP-20R (M)	18	18	G 3/4	G 3/4	27	3.1	16	2	<1.1	40	220
MP-20RZ (M)	17	17	G 3/4	G 3/4	14	4.6	7	3	<1.1	40	220
MP-30R (M)	20	20	G 3/4	G 3/4	33	3.8	17	2.5	<1.1	60	220
MP-30RZ (M)	17	17	G 3/4	G 3/4	15	8	8.5	6.5	<1.1	60	220
MP-30RX (M)	26	26	G1	G1	62	2.9	32	2	<1.1	60	220
MP-40R (M)	20	20	G 3/4	G 3/4	45	4.6	22	4	<1.1	90	220/380
MP-40RZ (M)	17	17	G 3/4	G 3/4	19	8.9	10	7.3	<1.1	90	220/380
MP-40RX (M)	26	26	G1	G1	75	3.3	47	2	<1.1	90	220/380
MP-55R (M)	26	26	G1	G1	70	6.7	45	4	<1.2	120	220/380
MP-55RZ (M)	/	/	G 3/4	G 3/4	30	12.5	15	10	<1.2	120	220/380
MP-70R (M)	26	26	G1	G1	86	8.2	50	4	<1.3	180	220/380
MP-70RZ (M)	/	/	G 3/4	G 3/4	40	14.5	20	12	<1.3	180	220/380
MP-100R (M)	26	26	G1	G1	130	11.6	60	9	<1.3	250	220/380
MP-100RX (M)	/	/	G1	G1	140	12.5	80	10.5	<1.3	250	380
MP-100RZ (M)	26	26	G1	G1	140	14.5	60	12	<1.3	370	380
MP-110R (M)	/	/	G1 1/4	G1	160	16	100	12	<1.3	550	380
MP-120R (M)	/	/	G1 1/2	G1 1/2	220	10.5	140	6	<1.3	370	380

*应要求可提供由任式、法兰式接口。液体温度范围：0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重，订货时请注明)。

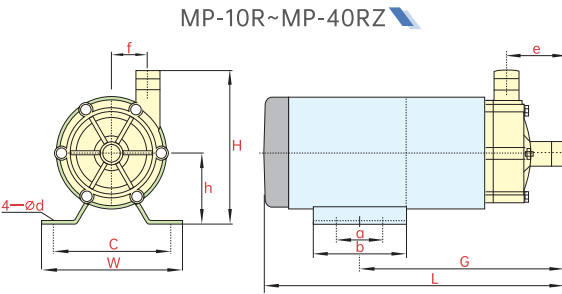
型号注解 Model Note



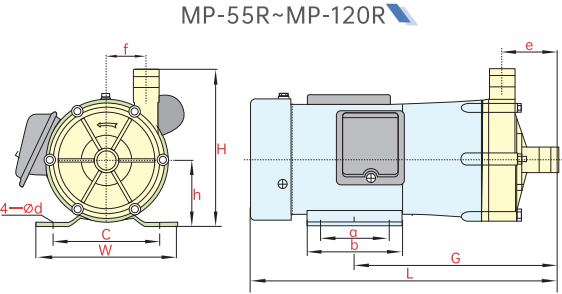
性能曲线图 Performance Chart



安装尺寸 (mm) Installing Dimensions



型号 Model	W	H	L	a	b	c	h	e	f	G	d
MP-10R	74	85	129	/	30	60	38.5	31	17	73	5.5
MP-15R	87	99	194	49	68	68	45	38	23	120	5.5
MP-20R	87	119	226.5	54	73	68	56	38	28.5	142	7
MP-20RZ	87	125	227	54	73	68	56	38	38	142	7
MP-30R	118	128	262	40	67	94	59	48	31	166	9
MP-30RZ	118	130	248	40	67	94	59	40	40	155	9
MP-40R	118	128	262	40	67	94	59	48	31	166	9
MP-40RZ	118	129	253	40	67	94	59	40	40	155	9
MP-30RX	118	140	269.5	40	67	94	59	54	25.5	174	9
MP-40RX	118	140	269.5	40	67	94	59	54	25.5	174	9



型号 Model	W	H	L	a	b	c	h	e	f	G	d
MP-55R(M)	140	156	302	70	97	105	63	56	43	202	9
MP-55RZ(M)	140	156	288	70	97	105	63	45	48	186	9
MP-70R(M)	140	161	312	70	97	105	66	56	43	207	9
MP-70RZ(M)	140	161	298	70	97	105	66	45	48	193	9
MP-100R(M)	140	168	348	70	97	105	66	65	44	235	9
MP-100RZ(M)	148	171	389	90	110	112	71	68	48	255	8
MP-100RX(M)	156	179	350	70	91	110	78	65	54	197	9
MP-110R(M)	148	183	398	90	110	113	71	66	54	246	8
MP-120R(M)	140	210	395	98	128	110	95	82	51	185	12

02/MPH 系列磁力泵

MPH Series Magnetic Pump

创新的节能设计 Innovative Energy-efficient Design

MPH系列磁力泵因其创新的节能设计使磁力泵能发挥最大的效能，提高产品的耐用性。材质GFRPP、适用温度：80℃以下、PVDF适用温度：100℃以下。

MPH series magnetic pumps' innovative, energy-saving design maximizes the performance and durability of the product. Material: GFRPP; applicable temperature: below 80°C; and applicable temperature of PVDF: below 100°C.

出色的耐腐蚀性能 Outstanding Corrosion Resistance

过流部件的材料采用增强聚丙烯塑料、泵轴、轴承和端环均采用高耐腐蚀材料。如：陶瓷、填充聚四氟乙烯、碳。确保大多数化学流体安全输送。

The flow passage components are made of reinforced polypropylene plastic. Pump shafts, bearings, and end rings are made of highly corrosion-resistant materials, such as ceramic, filled PTFE, and carbon, to ensure the safe passage of most chemical fluids.

绝不泄漏/耐用高效 No Leakage, Durability and efficiency

采用无轴封设计，彻底解决了传统机械密封泵无法避免的跑、冒、滴、漏之弊病。优化结构设计塑料部件以玻璃纤维增强。叶轮与磁内转子采用整体注塑，减少泵组件的体积，大大提高了泵的效率。

The pump adopts a design without shaft seals, which solved the inevitable leakage problem faced by traditional pumps with the seals. The plastic components adopt an optimized structure and are reinforced by glass fiber. The impellers and magnetic inner rotors adopt the plastic injection molding method, which reduces the volume of the pump components and increases its efficiency.

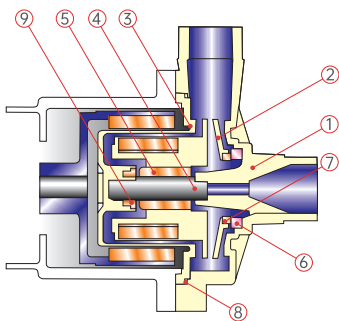
装配简便/维护方便 Easy to Assemble and Maintain

主要部件模块化，可快速拆卸与检查，维修保养非常容易。

The pump uses modular main components, which can be easily disassembled, examined and maintained.



构造图 Structural Diagram



	部件 Assembly part	材料 Material
1	泵壳 Pump case	玻璃纤维增强聚丙烯 GFRPP
2	叶轮总成 Impeller assembly	玻璃纤维增强聚丙烯 GFRPP / 锶铁氧体 Strontium ferrite
3	隔离套 Isolation covering	玻璃纤维增强聚丙烯 GFRPP
4	泵轴 Pump shaft	高铝陶瓷 Alumina ceramic
5	轴套 Shaft bushing	四氟填充碳纤维 Carbonfibre filled PTFE
6	静环 Mating ring	高铝陶瓷 Alumina ceramic
7	动环 Primary ring	四氟填充碳纤维 Carbonfibre filled PTFE
8	密封圈 Sealing ring	氟橡胶 FKM / 三元乙丙橡胶 EPDM
9	止推环 Thrust ring	高铝陶瓷 Alumina ceramic

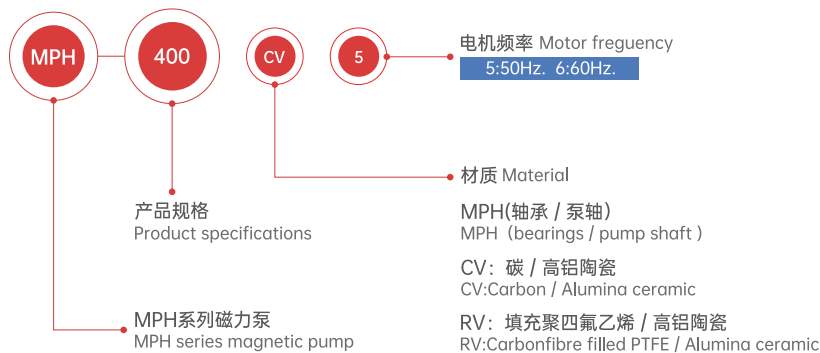
MPH 规格 MPH Specification

型号 Model	螺纹接口式 Thread connection		最大输出量 Maximum output		标准输出量 Standard output		比重 Specific gravity	电机 Motor	
	入口 Inlet	出口 Outlet	流量 Flow	扬程 Head	流量 Flow	扬程 Head		功率 Power	电压 Voltage
	(mm)	(mm)	(L/min)	(m)	(L/min)	(m)		(KW)	(V)
MPH-400	G1½	G1½	280	12.5	150	8.5	<1.3	0.37	380
MPH-401	G1½	G1½	330	18	200	12	<1.3	0.75	380
MPH-422	G2	G1½	400	23	200	18.5	<1.3	1.5	380
MPH-423	G2	G1½	500	24	300	20.5	<1.3	2.2	380
MPH-550	G2½	G2	600	25	400	22	<1.3	3.0	380
MPH-650	G2½	G2	870	30	500	26	<1.3	3.7	380
MPH-850	G3	G2½	1100	25	800	18	<1.3	5.5	380
MPH-860	G3	G2½	1400	28	1100	21	<1.3	7.5	380

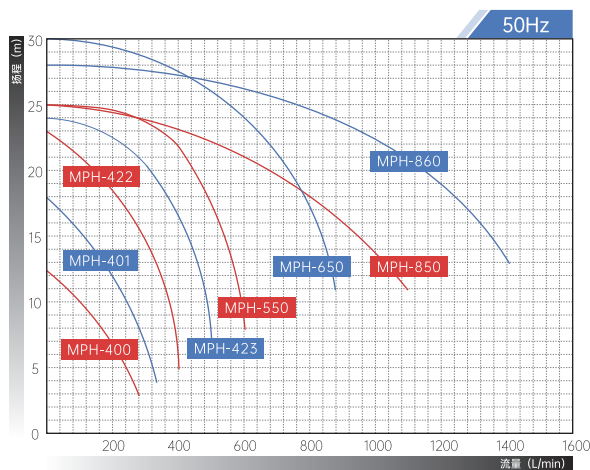
*应要求可提供由任式、法兰式接口。液体温度范围：0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重，订货时请注明)。

Union interface and flanged interface are available upon request. Liquid temperature range: 0-80°C (PP) 0-100°C (PVDF). Suitable for specific gravity below 1.3 (specify when ordering, should the gravity be higher).

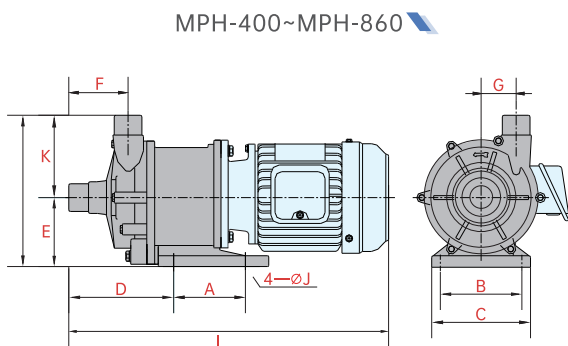
型号注解 Model Note



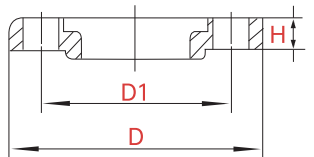
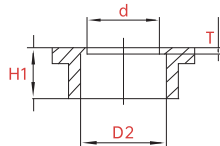
性能曲线图 Performance Chart



安装尺寸 (mm) Installing Dimensions



法兰安装尺寸 (mm)



型号 Model	A	B	C	D	E	F	G	H	I	K	J
MPH-400	98	110	140	144	95	81	51	210	442	115	12
MPH-401	130	130	190	153.5	115	84	57.5	248	505	133	12
MPH-422	200	208	260	150	115	83	65	248	530	133	14
MPH-423	200	208	260	150	115	83	65	248	570	133	14
MPH-550	271	210	250	150	161.5	88	77	331	585	169	14
MPH-650	271	210	250	150	161.5	88	77	331	610	169	14
MPH-850	290	249	289	157	185	95	86	362	695	177	14
MPH-860	290	249	289	157	185	95	86	362	695	177	14

法兰规格 Flange specifications	D	D1	D2	d	A	B	T	H	H1
32#	135	100	G1¼	32	18	14	5.5	18	30
40#	145	110	G1½	38	20	18.5	5.5	18	30
50#	155	125	G2	50	20	18.5	6.5	20	31
65#	175	144	G2½	65	20	18.5	5.5	20	32
80#	184	149	G3	80	21	18.5	6.5	23	32

03 / CQF 系列磁力泵

CQF Series Magnetic Pump

创新的节能设计 Innovative Energy-efficient Design

CQF系列磁力泵因其创新的节能设计使磁力泵能发挥最大的效能，极大提高产品的耐用性。

Because of its innovative energy-saving design, CQF series magnetic pumps can make the magnetic pumps exert the maximum efficiency and greatly improve the durability of the products.

坚固耐用/高效节能 Robust and Energy Efficient

优化结构设计塑料部件以玻璃纤维增强。叶轮与磁转子采用整体注塑，减少泵组件的体积，提高了泵的效率。

The plastic components adopt an optimized structure and are reinforced by glass fiber. The impellers and magnetic rotors adopt the plastic injection molding method, which reduces the volume of the pump components and increases its efficiency.

出色的耐腐蚀性能 Outstanding Corrosion Resistance

过流部件的材料采用增强聚丙烯，泵轴、轴承和端环均采用最新耐腐蚀材料，加上无轴封无泄漏结构，确保大多数化学流体安全输送。

The flow passage components are made of reinforced polypropylene plastic. Pump shafts, bearings, and end rings are made of the latest corrosion resistant materials. Together with the leakage-free structure without shaft seals, the safe passage of most chemical fluids can be ensured.

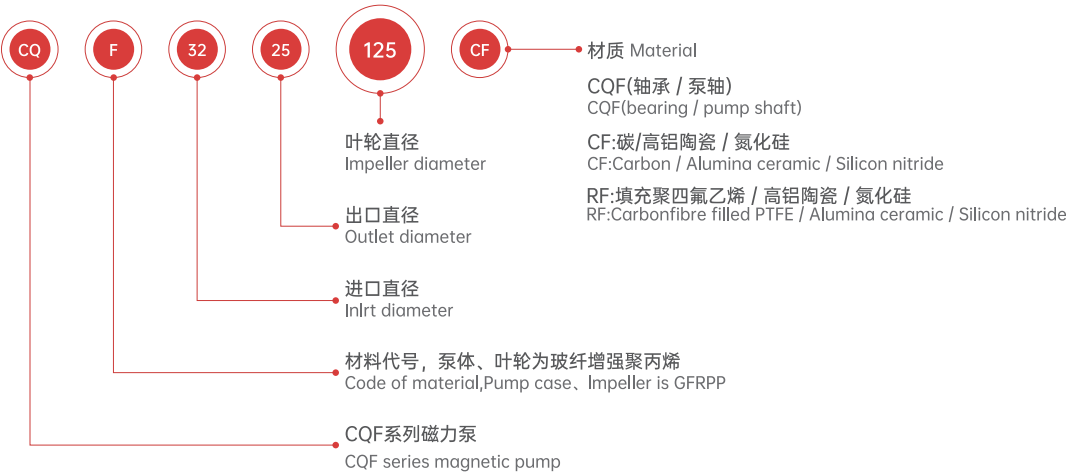
装配简便/维护方便 Easy to Assemble and Maintain

主要部件模块化，可快速拆卸与检查，维修保养非常容易。

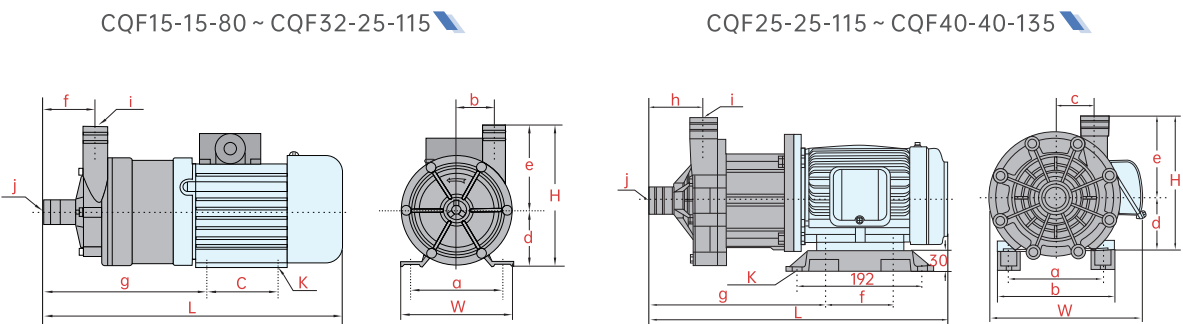
The pump uses modular main components, which can be easily disassembled and examined. It's easy to maintain.



型号注解 Model Note



安装尺寸 (mm) Installing Dimensions



CQF 规格 CQF Specification

型号 Model	入口/出口(直径) In/out diameter		软管接口式 Hose connection		最大输出量 Maximum output		标准输出量 Standard output		电机 Motor	
	入口 Inlet	出口 Outlet	入口 Inlet	出口 Outlet	流量 Flow	扬程 Head	流量 Flow	扬程 Head	功率 Power	电压 Voltage
	(mm)	(mm)	(mm)	(mm)	(L/min)	(m)	(L/min)	(m)	(KW)	(V)
CQF15-15-80	15X15	21	21	21	60	8	35	5	0.12	220/380
CQF20-20-80	20X20	26	26	26	86	6.7	58	5	0.18	220/380
CQF20-15-105	20X15	26	21	21	97	14.2	70	10	0.37	220/380
CQF20-20-110	20X20	26	26	26	120	14.5	92	10	0.37	220/380
CQF25-20-110	25X20	33	26	26	130	15	105	10	0.55	220/380
CQF32-25-115	32X25	/	/	/	150	16	120	11	0.55	220/380
CQF25-25-115	25X25	33	33	33	200	17	140	12	0.75	380
CQF32-25-125	32X25	42	33	33	250	19	180	12	0.75	380
CQF32-32-130	32X32	/	/	/	290	21	230	12	1.1	380
CQF40-32-130	40X32	/	/	/	320	21.5	250	12	1.5	380
CQF40-40-135	40X40	/	/	/	390	24	350	12	2.2	380

*应要求可提供由任式、法兰式接口。液体温度范围: 0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重, 订货时请注明)。

Union interface and flanged interface are available upon request. Liquid temperature range: 0-80℃ (PP) 0-100℃ (PVDF). Suitable for specific gravity below 1.3 (specify when ordering, should the gravity be higher).

型号 Model	W	H	L	a	b	c	d	e	f	g	i	j	K
CQF15-15-80	110	140	304	90	38	71	56	84	52	170	15	15	4-Φ7
CQF20-20-80	110	151	310	90	38	71	56	95	58	175	20	20	4-Φ7
CQF20-15-105	140	180	393	112	48	90	71	109	68	223	15	20	4-Φ8
CQF20-20-110	140	174	393	112	48	90	71	103	68	223	20	20	4-Φ8
CQF25-20-110	140	185	390	113	52.5	90	71	110	67	210	20	25	4-Φ9
CQF32-25-115	140	185	393	113	54	90	71	110	67	213	25	32	4-Φ9

型号 Model	W	H	L	a	b	c	d	e	f	g	i	j	j	K
CQF25-25-115	228	211	465	125	160	50	80	127	100	264	80	25	25	4-Φ10
CQF32-25-125	228	211	465	125	160	50	80	127	100	264	80	25	32	4-Φ10
CQF32-32-130	228	218	465	125	160	60	90	128	100	265	81	32	32	4-Φ10
CQF40-32-130	245	218	475	140	176	60	90	128	100	270	81	32	40	4-Φ10
CQF40-40-135	245	218	518	145	190	57	115	131	130	165	85	40	40	4-Φ10

04/YD 系列同轴自吸式耐酸碱泵
YD Series Self-priming Chemical Pump

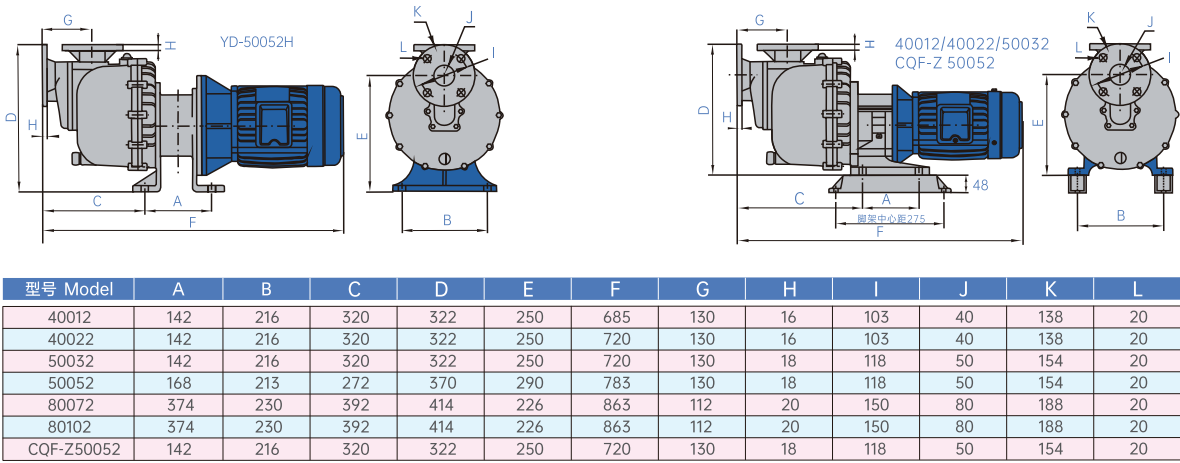
- 独特的轴封设计 内装式采用Teflon Bellow Seal自冷式设计, 无需冷却循环管回路。
Unique Shaft Seal Design – the installed type adopts Teflon Bellow Seal's self-cooling design, free from the need for cooling circuit tubes.
- 自吸式设计 吸程可达五米。
Self-priming Design – a maximum suction of 5 meters.
- 封盖、脚座一体成型设计、方便维修及组装。
One-piece covers and foots, easy to maintain and assemble.
- 抗腐蚀性强, 材质GFRPP、PVDF。
Corrosion resistant. Material: GFRPP, PVDF.
- 耐强酸, 耐强碱。
Resistant to strong acids and alkalis.



YD 规格 YD Specification

Table with 10 columns: Model, Curve, Max Output, Standard Output, Inlet/Outlet, Motor, Weight. Rows include YD-40012, YD-40022, YD-50032, YD-50052, YD-80072, YD-80102.

安装尺寸 (mm) Installing Dimensions



*应要求可提供由任式、法兰式接口。液体温度范围: 0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重, 订货时请注明)。

05/CQF-Z 自吸式磁力泵
CQF-Z Series Self-priming Magnetic Pump

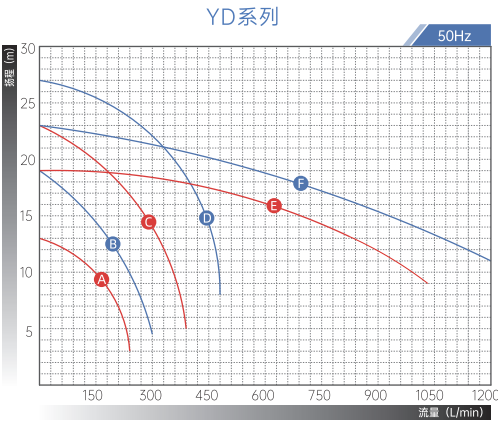
- 自吸式设计 气液分离的设计确保较高的自吸速度。
Self-priming Design – the gas-liquid separation design ensures quick suction.
- 创新的无轴封设计杜绝温升或长时间运转变形、泄漏等缺点。
The unique design with no shaft seals can prevent temperature increase or distortion and leakage after a long-time operation.
- 抗腐蚀性强, 材质GFRPP、PVDF。
Corrosion resistant. Material: GFRPP, PVDF.
- 耐强酸, 耐强碱。
Resistant to strong acids and alkalis.
- 适用温度: 80℃以下。
Applicable temperature: below 80℃



CQF-Z 规格 CQF-Z Specification

Table with 10 columns: Model, Curve, Max Output, Standard Output, Inlet/Outlet, Motor, Weight. Rows include CQF-Z40012, CQF-Z40022, CQF-Z50032, CQF-Z50052.

性能曲线图 Performance Chart



*应要求可提供由任式、法兰式接口。液体温度范围: 0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重, 订货时请注明)。

06/YDW 系列可空转立式耐酸泵

YDW Series Idling-capable Vertical Chemical Pump

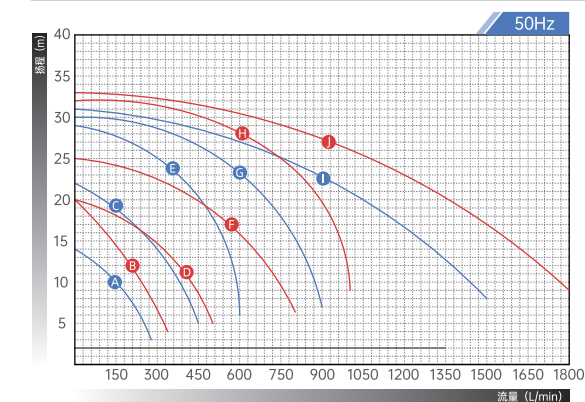
- YD** ... 机型编号
Model number
- S/N/W** ... 机型方式—(N/S) 槽内式 (W)槽外式
Model type - (n / s) in tank (W) out of tank
- 40** ... 出口管径—15mm-100mm
Outlet pipe diameter - 15mm-100mm
- SK** ... 液体比重—(1.3
Specific gravity of liquid - < 1.3
- 1** ... 电机马力—1/15HP-20HP
Motor horsepower - 1 / 15HP-20HP
- 5** ... 电机频率—5-50HZ,6-60HZ
Motor frequency - 5-50 Hz, 6-60 Hz



YDW 规格 YDW SPECIFICATION

型号 Model	曲线 Curve	进出口直径 in/outlet (mm)	最大输出量 MAXIMUM OUTPUT		标准输出量 STANDARD OUTPUT		电机 MOTOR		
			流量 Flow (L/min)	扬程 Head (m)	流量 Flow (L/min)	扬程 Head (m)	马力 Horsepower (HP)	功率 Power (KW)	电压 Voltage (V)
YDW-40SK-15	A	50/40	280	14	150	10	1	0.75	380
YDW-40SK-25	B	50/40	340	20	200	12	2	1.5	380
YDW-40SK-35	C	50/40	450	22	300	15	3	2.2	380
YDW-50SK-35	D	65/50	500	20	350	13	3	2.2	380
YDW-50SK-55	E	65/50	600	29	480	19	5	3.7	380
YDW-65SK-55	F	80/65	800	25	580	17	5	3.7	380
YDW-65SK-7.55	G	80/65	900	30	700	20	7.5	5.5	380
YDW-65SK-105	H	80/65	1000	32	800	25	10	7.5	380
YDW-100SK-155	I	100/100	1500	31	1000	21	15	11	380
YDW-100SK-205	J	100/100	1800	33	1200	23	20	15	380

性能曲线图 Performance Chart



型号 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	U
YDW-40SK-15	764	432	280	125	155	110	145	348	52	230	176	222	260	160	160	222	260	65	15	186
YDW-40SK-25	800	432	316	125	155	110	145	348	52	230	197	222	260	160	170	222	260	65	15	186
YDW-40SK-35	805	432	321	125	155	110	145	348	52	230	197	222	260	160	170	222	260	65	15	186
YDW-50SK-35	805	432	321	144	175	125	155	350	52	260	197	222	260	185	170	222	260	65	15	186
YDW-50SK-55	826	432	342	144	175	125	155	350	52	260	217	222	260	185	190	222	260	65	15	186
YDW-65SK-55	826	432	342	149	185	144	175	350	52	260	217	222	260	185	190	222	260	65	15	186
YDW-65SK-7.55	895	432	412	149	185	144	175	350	52	260	257	300	350	185	210	300	350	65	15	186
YDW-65SK-105	895	432	412	149	185	144	175	350	52	260	257	300	350	185	210	300	350	65	15	186
YDW-100SK-155	995	438	505	172	206	172	206	358	52	290	312	300	350	216	219	300	350	65	18	186
YDW-100SK-205	995	438	505	172	206	172	206	358	52	290	312	300	350	216	219	300	350	65	18	186

15/22 *应要求可提供由任式、法兰式接口。液体温度范围: 0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重, 订货时请注明)。
Union interface and flanged interface are available upon request. Liquid temperature range: 0-80℃ (PP) 0-100℃ (PVDF). Suitable for specific gravity below 1.3 (specify when ordering, should the gravity be higher).

07/YDN 系列可空转立式耐酸泵

YDN Series Idling-capable Vertical Chemical Pump

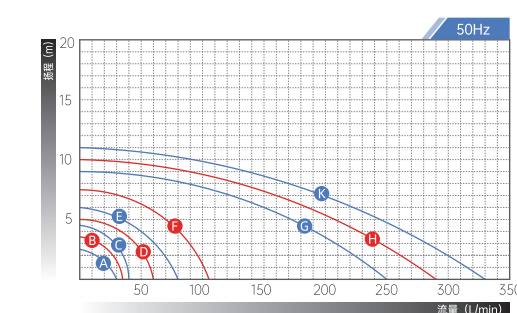
- 创新的干式外置轴封设计, 电机运转时不会产生摩擦。
Innovative dry external shafts free the electric motor of friction.
- 可长时间空转不会损坏, 没有药液泄露等缺点。
Long-time waterless idling won't damage the machine. No risk of leakage.
- 最适合于水平电镀线及环保废气处理。
Suitable for horizontal plating line and treatment of waste gases.
- 使用寿命较长, 省电效率高。。
Long lifespan and energy-efficient.
- 抗腐蚀性强, 材质GFRPP、PVDF。
Corrosion resistant. Material: GFRPP, PVDF.
- 耐强酸, 耐强碱。
Resistant to strong acids and alkalis.



YDN 规格 YDN SPECIFICATION

型号 Model	曲线 Curve	进出口直径 in/outlet (mm)	最大输出量 MAXIMUM OUTPUT		标准输出量 STANDARD OUTPUT		电机 MOTOR		
			流量 Flow (L/min)	扬程 Head (m)	流量 Flow (L/min)	扬程 Head (m)	马力 Horsepower (HP)	功率 Power (KW)	电压 Voltage (V)
YDN-15SK-1/15	A	20/15	30	2.5	20	2	1/15	0.06	220
YDN-15SK-1/8	B	20/15	35	3.5	25	2.5	1/8	0.09	220
YDN-15SK-1/6	C	20/15	40	4.5	30	3	1/6	0.12	220/380
YDN-20SK-1/4	D	40/20	60	5	40	3.5	1/4	0.18	220/380
YDN-20SK-1/3	E	40/20	80	6	60	4.5	1/3	0.25	220/380
YDN-20SK-1/2	F	40/20	100	7.5	75	6	1/2	0.37	220/380
YDN-40SK-15	G	50/40	250	9	200	7	1	0.75	380
YDN-40SK-25	H	50/40	290	10	250	8	2	1.5	380
YDN-40SK-35	K	50/40	330	11	290	9	3	2.2	380

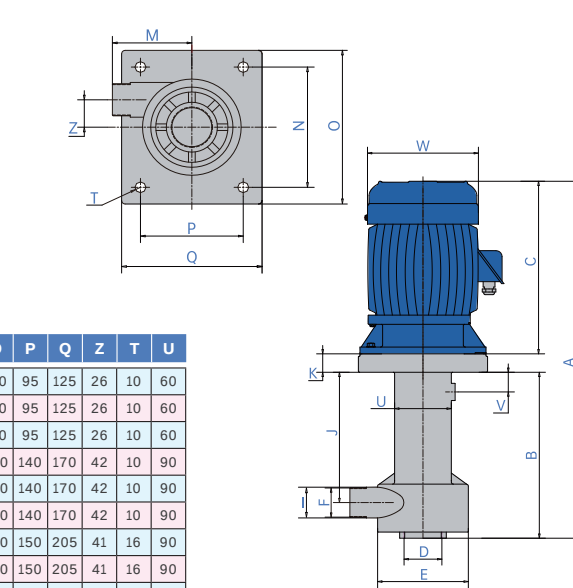
性能曲线图 Performance Chart



型号 Model	A	B	C	D	E	F	W	I	J	K	V	M	N	O	P	Q	Z	T	U
YDN-15SK-1/15	435	222	197	33	90	26	112	33	183	16	26	67	130	160	95	125	26	10	60
YDN-15SK-1/8	435	222	197	33	90	26	112	33	183	16	26	67	130	160	95	125	26	10	60
YDN-15SK-1/6	435	222	197	33	90	26	112	33	183	16	26	67	130	160	95	125	26	10	60
YDN-20SK-1/4	519	262	235	36	124	33	137	39	215	22	34	98	170	200	140	170	42	10	90
YDN-20SK-1/3	519	262	235	36	124	33	137	39	215	22	34	98	170	200	140	170	42	10	90
YDN-20SK-1/2	519	262	235	36	124	33	137	39	215	22	34	98	170	200	140	170	42	10	90
YDN-40SK-15	580	270	280	60	144	48	176	50	212	30	32	116	180	230	150	205	41	16	90
YDN-40SK-25	580	270	280	60	144	48	176	50	212	30	32	116	180	230	150	205	41	16	90
YDN-40SK-35	620	270	320	60	144	48	197	50	212	30	32	116	180	230	150	205	41	16	90

*应要求可提供由任式、法兰式接口。液体温度范围: 0-80℃ (PP) 0-100℃ (PVDF)。介质比重<1.3(若大于该比重, 订货时请注明)。
Union interface and flanged interface are available upon request. Liquid temperature range: 0-80℃ (PP) 0-100℃ (PVDF). Suitable for specific gravity below 1.3 (specify when ordering, should the gravity be higher).

安装尺寸 (mm) Installing Dimensions



08/YDS 系列可空转立式耐酸泵
YDS Series Idling-capable Vertical Chemical Pump

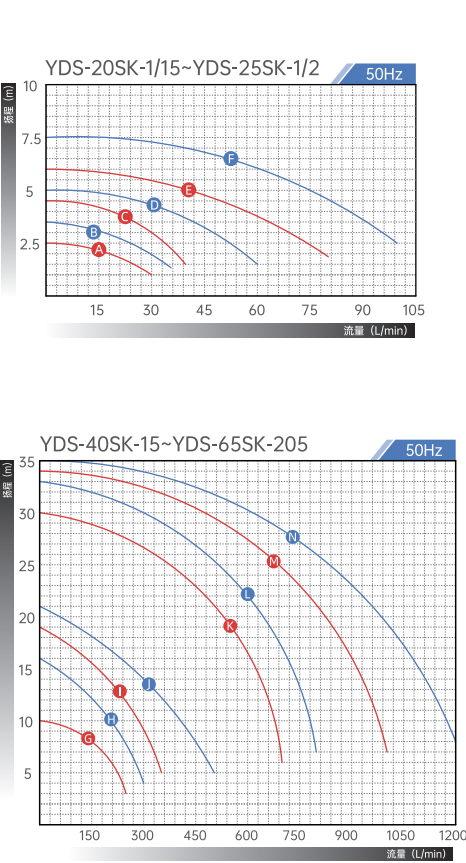
- 创新的干式外置轴封设计，电机运转时不会产生摩擦。
Innovative dry external shafts free the electric motor of friction.
- 可长时间空转不会损坏，没有药液泄露等缺点。
Long-time waterless idling won't damage the machine. No risk of leakage.
- 最适合于水平电镀线及环保废气处理。
Suitable for horizontal plating line and treatment of waste gases.
- 使用寿命较长，省电效率高。。
Long lifespan and energy-efficient.
- 抗腐蚀性强，材质GFRPP、PVDF。
Corrosion resistant. Material: GFRPP, PVDF.
- 耐强酸，耐强碱。
Resistant to strong acids and alkalis.



YDS 规格 YDS Specification

Table with 10 columns: Model, Curve, In/outlet diameter, Maximum Output (Flow, Head), Standard Output (Flow, Head), Motor (Horsepower, Power, Voltage). Rows include models YDS-20SK-1/15 to YDS-65SK-205.

性能曲线图 Performance Chart



安装尺寸 (mm) Installing Dimensions

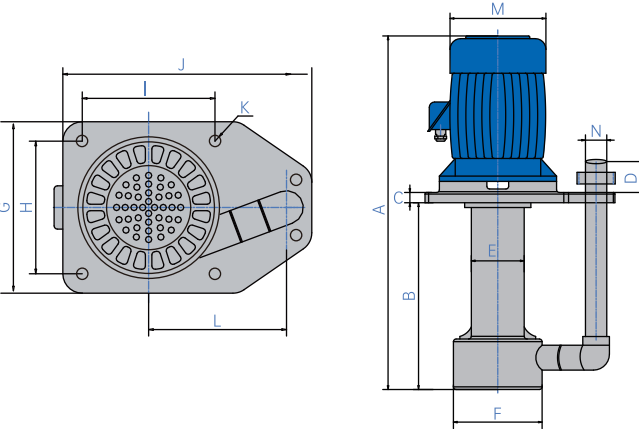
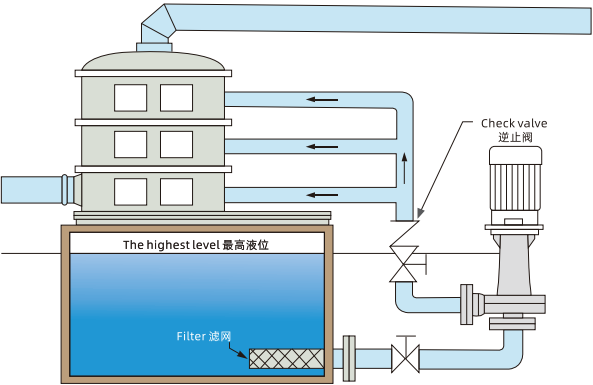


Table with 15 columns: Model, A, B, C, D, E, F, G, H, I, J, K, L, M, N. Rows include models YDS-20SK-1/15 to YDS-65SK-205.

YDN/S/W 立式泵应用实例 YDN/S/W SERIES APPLICATION EXAMPLE

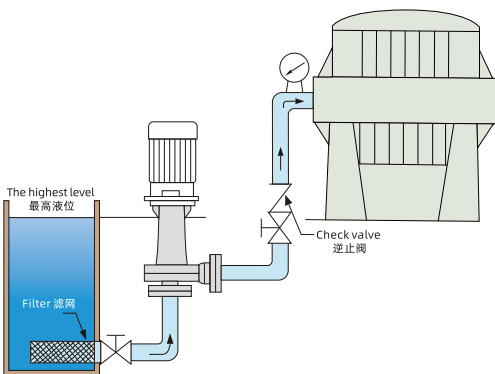
使用于废气处理塔

USE FOR WASTE GAS TREATMENT TOWER



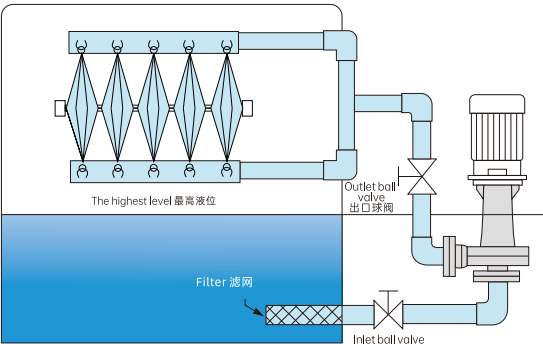
反应槽或过滤压缩机用

FOR REACTION GROORE AND FILTER COMPRESSOR



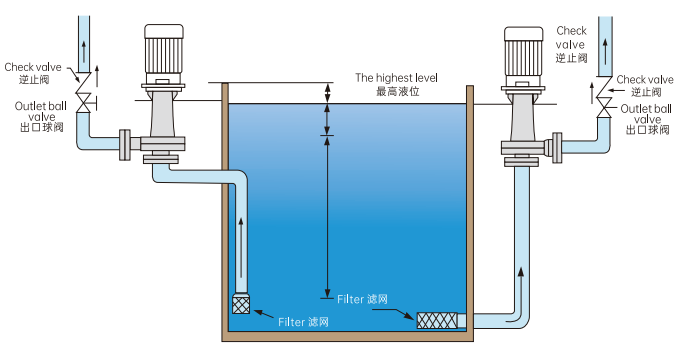
涂料泵浦蚀刻

APPLICATION IN SPRAY PUMP ETCHING



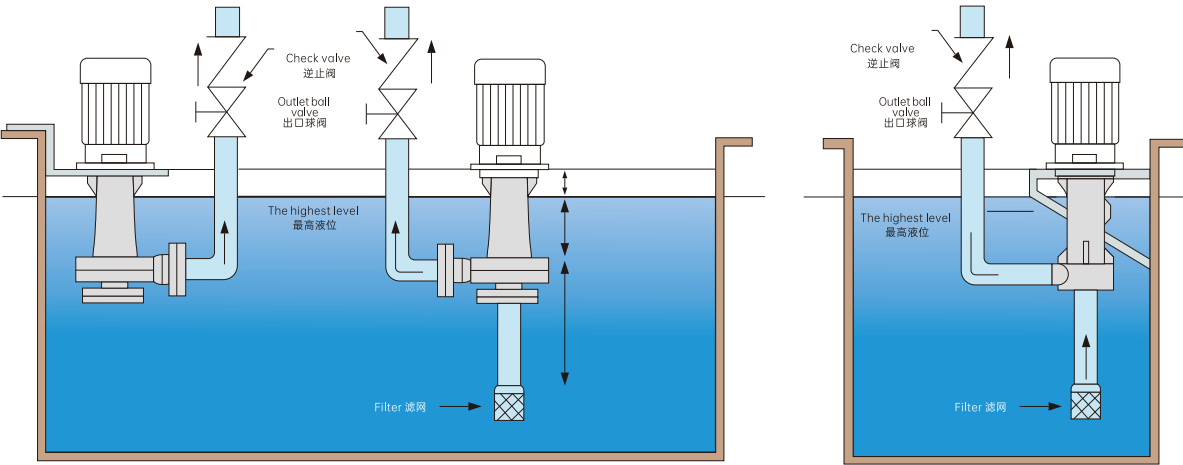
安装于槽外

INSTALLED OUTSIDE OF TANK



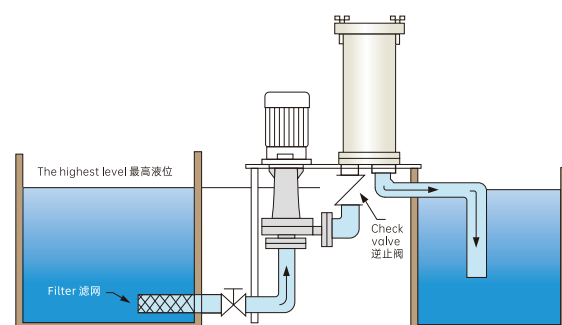
液体交换之特殊应用

SPECIAL APPLICATION FOR LIQUID INTERCHANGE



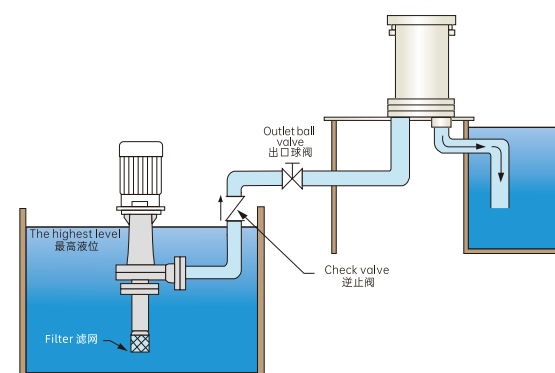
泵浦安装槽外，配合过滤使用

PUMP IS INSTALLED OUTSIDE THE TANK USED WITH FILTERS



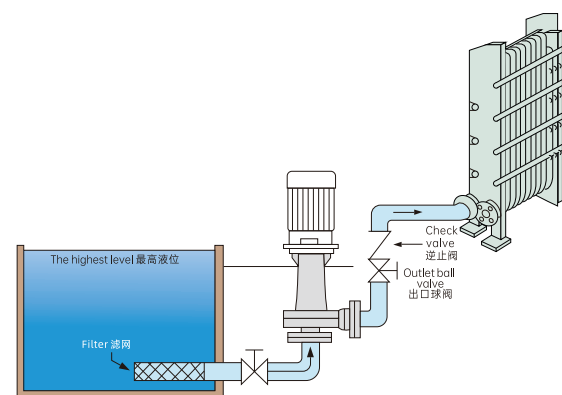
泵浦安装槽内，配合过滤器使用

PUMP IS INSTALLED INSIDE THE TANK USED WITH FILTERS



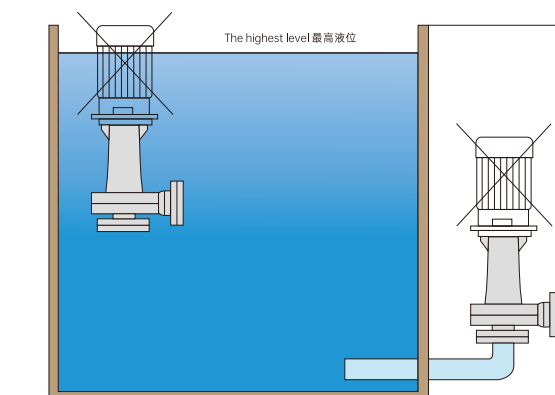
使用与热交换器

FOR HEAT EXCHANGER



警告；不正确使用

WARNING:WRONG APPLICATION



使用须知 OPERATION INSTRUCTION

A 若使用于化工厂或存有挥发性气体之环境使用，必须选择防爆型马达。

If it is used in chemical plants or an environment with volatile gases, an explosion-proof motor is a must.

B 入口管处需加装滤网，以防止吸入异物，造成泵浦损坏。

A strainer should be installed at the inlet pipe to prevent pump damage caused by foreign substances.

C 出口配管高度如果高于马达以上，或有逆压情形时，请在泵浦出口加装逆止阀，安装高度请勿超过马达

If the piping outlet is placed higher than the motor or any other situation causing back pressure, please install a check valve, which should be placed lower than the motor.

D 不同类型之化学药业混合在一起，会引起化学反应，甚至产生高热，而使泵浦受损，因此，不要同一泵浦输送不同化学药液。

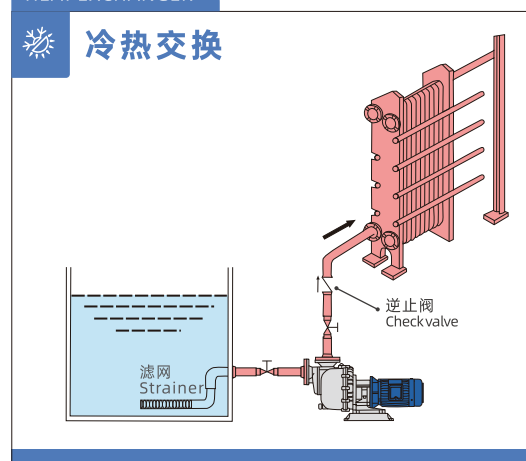
Different chemicals may react to each other when mixed and even produce high heat causing damage to the pump. Therefore, do not use the same pump for the transport of different chemicals.

E 在特殊环境下使用时，如需安装防爆马达时，请与本公司技术人员联系

Should you need to install the explosion-proof motor for unusual environments, please contact our technicians.

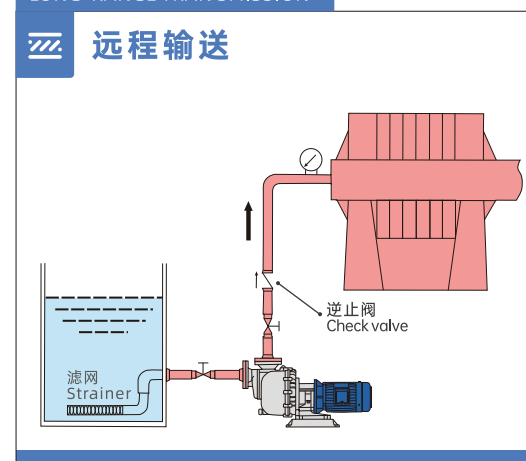
HEAT EXCHANGER

冷热交换



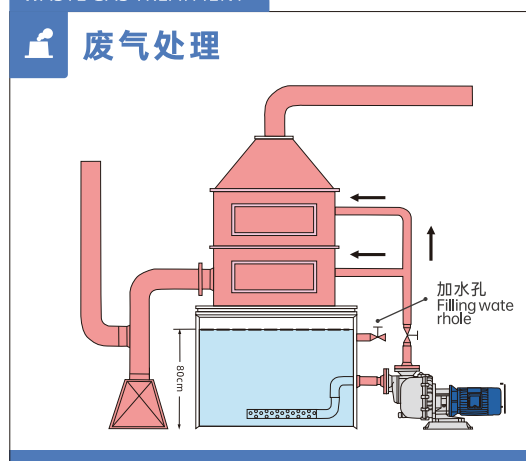
LONG-RANGE TRANSMISSION

远程输送



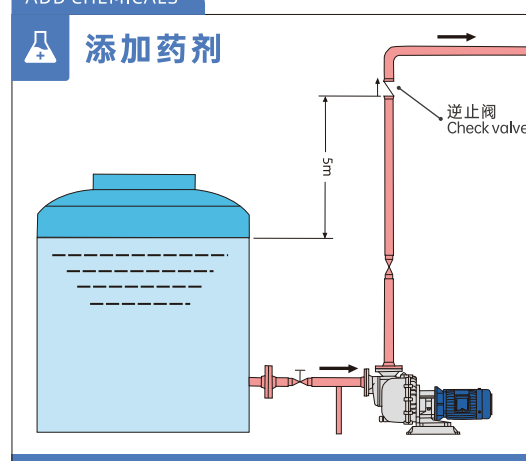
WASTE GAS TREATMENT

废气处理



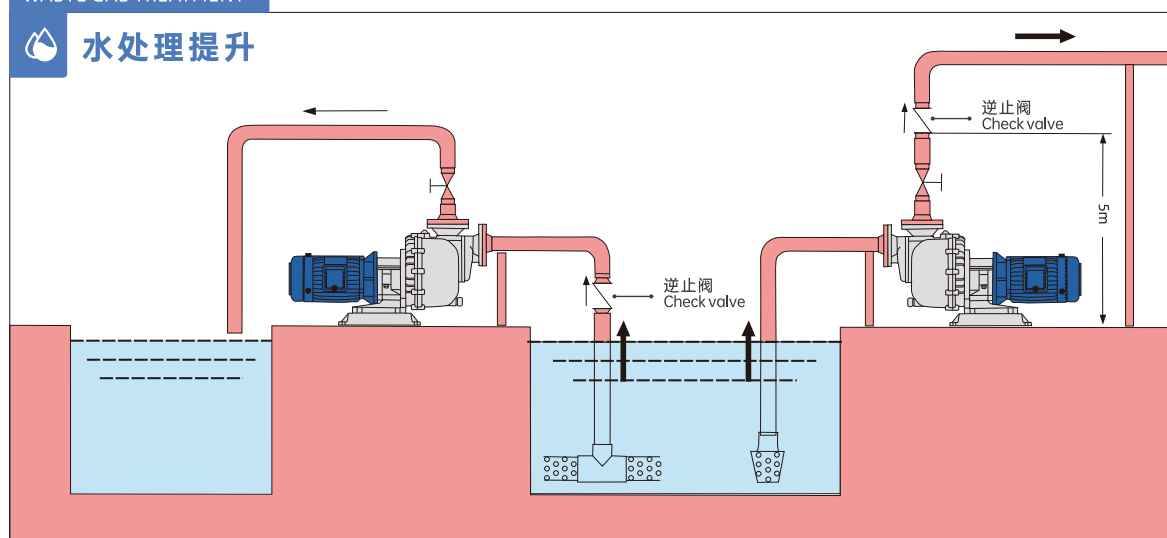
ADD CHEMICALS

添加药剂

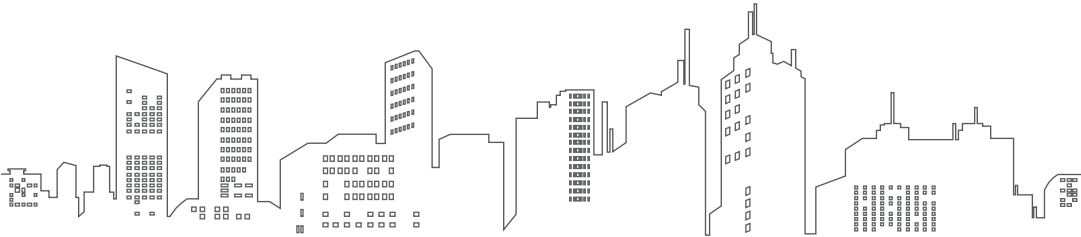


WASTE GAS TREATMENT

水处理提升



化学药品 CHEMICAL		聚丙烯 PP		聚四氟乙烯 PTFE		氟橡胶 FKM		三元乙丙胶 EPDM		99陶瓷 99Ceramic		高密度碳 High density carbon	
硫酸 Sulfuric Acid	0-10%	≧	4	≧	6	≧	6	≧	4	≧	5	≧	6
	10-75%	≧	3	≧	6	≧	4	≧	3	≧	5	≧	6
	75-100%	✓	2	≧	4	≧	4	✓	2	≧	5	≧	4
硝酸 Nitric Acid	10%	≧	3	≧	5	≧	5	≧	2	≧	5	≧	6
	30%	≧	2	≧	6	≧	6	≧	2	≧	5	≧	6
	50%	✓	2	≧	3	≧	1	×		≧	5	≧	5
盐酸 Hydrochloric Acid	0-25%	≧	4	≧	6	≧	3	≧	3	≧	5	≧	6
	25-40%	≧	4	≧	6	✓	2	○	2	≧	5	≧	6
氢氟酸 Hydrofluoric Acid	10%	✓	2	≧	6	≧	3	≧	3	×		≧	3
	30%	○	2	≧	6	≧	4	✓	3	×		≧	3
	60%	×		≧	6	≧	4	○	2	×		≧	2
醋酸 Acetic Acid	20%	≧	2	≧	6	✓	1	≧	2	≧	5	≧	4
	80%	✓	1	≧	6	×		×		≧	5	≧	4
氢氧化钠 Sodium Hydroxide	20%	≧	3	≧	6	✓	1	≧	3	×		≧	3
	50%	≧	3	≧	6	×		≧	4	×		≧	3
溴水	Bromine Water	○	1	≧	3	≧	2	×		≧	1	≧	2
乙醇	Ethyl Alcohol	≧	2	≧	3	≧	3	✓	3	≧	3	≧	5
丙酮	Acetone	≧	2	≧	6	×		✓	2	≧	3	≧	5
氯里昂12	Freon12	×		≧	6	≧	1	✓	1	≧	4	≧	4
氯化铝	Aluminum Chloride	≧	4	≧	6	≧	5	≧	4	≧	4	≧	5
氨水	Ammonia Liquid	≧	1	≧	6	○	1	✓	3	≧	3	≧	5
王水	Aqua Regia	○	2	≧	5	✓	2	○	2	≧	4	×	
甲醛	Formaldebyde	≧	4	≧	6	≧	4	≧	4	≧	4	≧	5
汽油	Gasolines	×		≧	6	✓	3	×		≧	4	≧	6
煤油	Kerosenc	≧	1	≧	6	≧	1	×		≧	4	≧	6
甲醇	Methyl alcohol	≧	3	≧	6	✓	2	≧	3	≧	5	≧	6
甲苯	Toluenc	○	1	≧	4	✓	1	×		≧	5	≧	4
三氯乙烯	Trichloroethylenc	○	1	≧	6	≧	1	×		≧	4	≧	6
二甲苯	Xylenc	×		≧	6	✓	1	×		≧	5	≧	5
无水硝酸	Nitric acid anhydrous	○	1	≧	3	≧	1	×		≧	5	≧	2
发烟硫酸	Oleum	×		≧	6	≧	4	×		≧	5	≧	2
氢氧化钠	Potassium hydroxide	≧	4	≧	6	✓	1	≧	5	×		≧	6



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符号说明 Symbolexplain

- ⦿

...

优良
excellent
- ⦿

...

可用，但腐蚀明显
It is available, but the corrosion is obvious
- ✓

...

良好
good
- ✗

...

腐蚀严重，不适用
Serious corrosion, not applicable

液体最高温度 Maximum operating temperature

1-20℃	(68°F)	4-80℃	(176°F)
2-40℃	(104°F)	5-100℃	(212°F)
3-60℃	(140°F)	6-120℃	(248°F)