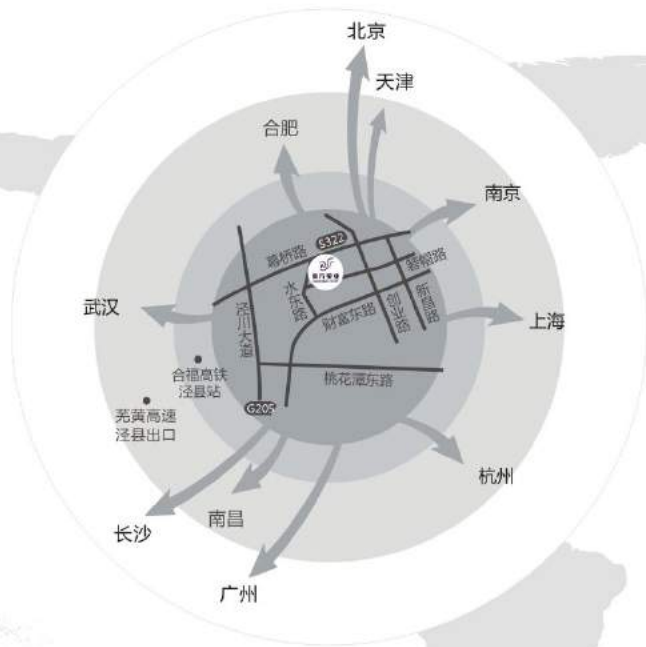




北京、天津、西安、郑州、济南、广州、福建、厦门、长沙、南昌均有直达泾县高铁。



南方泵业



致力于腐蚀与贵重流体的安全输送

Corrosion and the safety of the precious fluid conveying

国家级高新技术企业

National-Level High-New Technology Enterprise

安徽南方化工泵业有限公司

Anhui South Chemical Pump Co., Ltd.

安徽南方化工泵业有限公司
Anhui South Chemical Pump Co., Ltd.

地址：中国·安徽·泾县经济开发区

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Committed to supply corrosion
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南方泵业

企业简介

安徽南方化工泵业有限公司(原泾县南方耐腐蚀泵阀厂)创建于1999年,是一家专业性化工泵的研发、生产、销售、服务于一体的国家级高新技术企业。公司总部坐落在驰名中外的宣纸之乡、皖南事变发生地——泾县。

公司拥有技术研发大楼、现代化工业厂房、国家B级精度水泵测试中心、大功率金属磁力泵大功率衬氟磁力泵中试车间、拥有国内最大的磁路加工中心、高级人才公寓等设施。公司设有国内市场部、国际贸易部,并在国外设立办事机构,拥有自营进出口权,产品远销意大利、美国、俄罗斯、韩国、印度、新加坡等国家。

公司主要生产金属磁力泵、衬氟磁力泵、耐腐蚀化工离心泵、耐磨耐蚀砂浆泵等产品,其中金属磁力泵、衬氟磁力泵及衬氟化工离心泵技术代表了国内最高水平。公司NMQ系列金属磁力泵最大功率达315kW,最大流量达1000m³/h,最大单级扬程达250m; IHF、IMD系列氟塑料离心泵、氟塑料磁力泵制造能力达到200kW, NFS衬氟双吸泵最大流量达5000 m³/h,是目前国内唯一掌握该技术的企业。

南方泵业先后荣获“国家高新技术企业”、“安徽省著名商标”、“安徽省名牌产品”、“安徽省质量管理奖”、“安徽省科技型民营企业”等称号,拥有12项磁力泵、氟泵领域关键技术专利,南方泵业正引领着国内金属磁力泵和衬氟泵产品的发展方向。产品服务于精细化工、生物制药制酸、新能源、新材料、电力、冶金等领域的关键工艺上,真正解决了腐蚀与泄漏的难题,南方化工泵业坚持以“专注于腐蚀与贵重流体的安全输送”为理念,以“节能、环保、安全”为宗旨,以振兴民族工业发展为己任。

全国30个直销办事处、10家授权服务商能在第一时间和最短时间解决用户购买与服务的需求,富有远见与创新的南方人将不断开发无泄漏、节能环保产品,为人类的环境保护而努力奋斗。



Company Profile

Anhui South Chemical Pump Co., Ltd. (formerly called Jing Xian County South Anti-corrosive Pump and Valve Factory) when established in 1999. As an Professional Chemical Pump Valve R & D, Production, Sales, Export, Service in one of the national-level high -new technology enterprise. The Head quarters is located in the famous hometown of xuan paper, incident occurred place of South of Anhui Province, China.

Our Company owned standard R & D Building, Modernized Industrial Workshops, National-level B Precision water pump test center, Huge horsepower Lined-in Magnetic driven pump Middle-test workshop, established largest magnetic circuit processing center in domestic, High-grade HR Building and other facilities etc.. Our Company set up domestic market department, international market department, and also create branch offices, owned dependent Import and Export management rights. Our Chemical Pump have been export to Italy, American, Korea, India, Singapore etc...

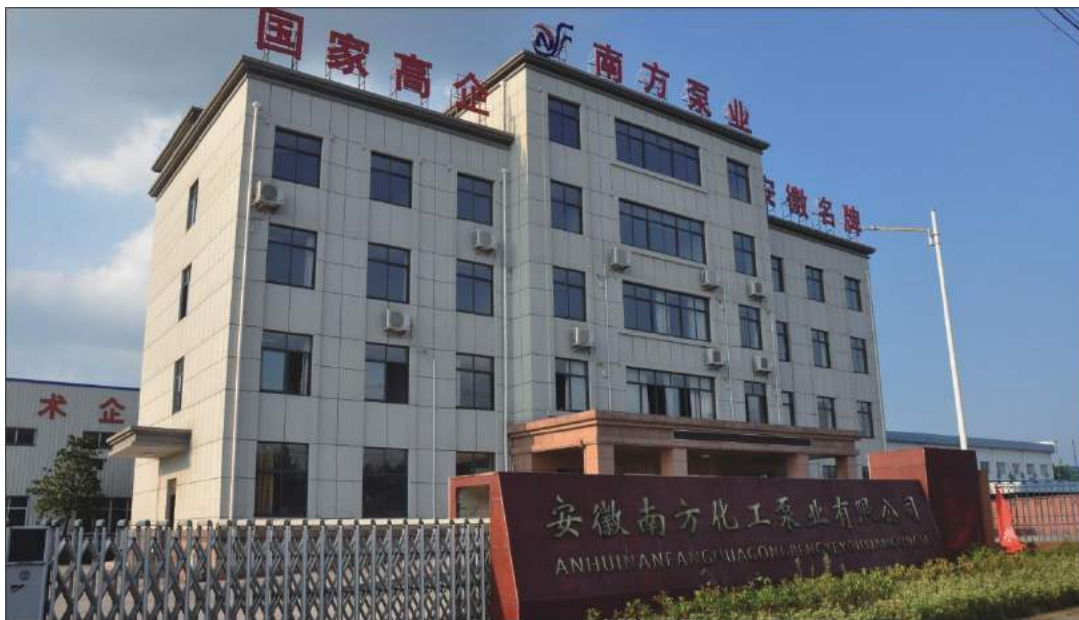
Our Company main manufactured metal magnetic driven, lined-in magnetic driven pump, anti-corrosive chemical centrifugal pump, acid resistance and anti wear slurry pump and others pumps. In particularly with, Metal Magnetic Driven Pump, Lined-in Magnetic pump, lined-in fluorine plastic chemical centrifugal pump manufactured technical representative Largest Level in this fields. Our highlight push out NMQ Series Metal Magnetic Driven pump Flow Capacity catch up to 315kw. The Largest Flow Capacity Catch up to 1000m³/h, The Largest Single Stage pump head reach up to 250m. The Largest horsepower under IHF and IMD Series Fluorine Plastic Centrifugal Pump, Magnetic Driven Pump can catch up to 200kw. NFS Series Lined-in Fluorine Plastic Double suction pump Flow Capacity can catch up to 5000m³/h, it is sole master this core technical enterprise at Presently.

Our Company obtained national High Tech Enterprise, The Famous Trademarks of Anhui Province, Anhui Famous Brand Products, Anhui Provincial Quality Management prize, Private technology enterprise and so on successively. We owned 12 core technical patents of magnetic driven pump, fluorine plastic pump fields, we are leading metal magnetic pump and fluorine plastic pump come to development directory. Our Chemical Pump widely service Precision Chemical, Bio Pharmaceutical, New Energy, New Materials, Electric Power, Metallurgy fields processing handicrafts. It can deal with corrosive, and leakage problems. South Chemical Pump Team insist on Committing to supply corrosion and heavy duty fluid safely transportation Solution conception. We adheres to the concept of energy saving and environmental protection, Safety, To revitalize national industry.

We have been built more than 30 Offices, 10 Grant Authorization Services, They can deal with client's resource and service request in first time. As a visionary and innovative people in the south company will continue to develop without leakage, energy saving and environmental protection products for the human environmental protection efforts.

铸就百年强盛企业





发展历程

- 1999 泾县南方耐腐蚀泵阀厂
- 2000 衬氟磁力泵和离心泵成功下线
- 2003 改制为安徽南方化工泵业有限公司
- 2004 通过 ISO9001:2000 质量管理体系认证
- 2005 获得“工业产品生产许可证”, 扩建厂房、规模化生产
- 2006 被认定为“宣城市知名商标”
- 2007 改建的 B 级水泵测试平台投入运行、产品标准化管理
- 2008 获得“安徽名牌产品”
- 2009 获得“国家高新技术企业”、“民营科技企业”等称号、取得自营出口权
- 2010 获得“安徽省质量管理奖” 开始建设驻外办事机构、国外销售代表处
- 2011 高效节能化工磁力流程泵通过安徽省科技技术厅鉴定、CE 认证通过
- 2012 企业技术研发中心大楼、人才公寓建成、引进高端技术与管理人才
- 2013 获得“安徽著名商标”称号、磁力泵、耐腐蚀泵关键领域的专利技术达到 30 项
- 2014 驻外办事处达 30 个, 成功中标青海盐湖集团金属镁项目 84 台离心泵, 其中含 12 台 185kw (目前为止属国内最大的单级单吸衬氟离心泵项目) 衬氟离心泵, 标志着南方全面奠定了耐腐蚀泵领域的领先地位
- 2015 两项新产品获安徽省高新技术产品认定。
- 2016 目前国内最大衬氟无泄漏磁力泵研发成功并交付客户使用、安徽省名牌产品复审认定。
- 2017 国家级高新技术企业复审认定、安徽省著名商标复审认定、通过两项省级新产品认定。
- 2018 再次荣获安徽省创新型企业100强称号、承担安徽省重点研究和开发计划项目、获得两项授权发明专利、通过两项省级新产品认定。



Development

- 1999 Established Jing Xian South Anti -corrosive Pump Valve Factory
- 2000 Fluorine Plastic Lined-in Magnetic Driven Pump ,Centrifugal Pump went to production.
- 2003 Restructured an new company name of Anhui South Chemical Pump Co.,Ltd
- 2004 Passed ISO9001:2008 Quality Management System Certification.
- 2005 Obtained industrial products production license. Enlarge factory scale, mass-production .
- 2006 Identified as " Famous trademark of Xuan Cheng City " .
- 2007 Reconstruction of class B Pump Test Platform put into factory , products standardization management.
- 2008 Got prize of : "Famous brand of Anhui Province ."
- 2009 Obtained National High -Tech Enterprise, Private technology enterprise and so on ,got import and export management rights .
- 2010 Acquired : "Anhui Provincial Quality Management Award " ,start up create branch office foreigner sales representative office.
- 2011 High Efficiency Energy-Saved Chemical Magnetic Driven Process Pump through the identification by Science and Technology office of Anhui Province. Also our pump have been passed Europe Permitted certification of CE Reports.
- 2012 Enterprise Technology Research and development Center , Talent apartment started construction . Introduced advance experiences skilled technican and management people .
- 2013 Achieved : " Famous Trademark of Anhui Province " . Professional patents under magnetic driven pump ,anti -corrosive pump catch up to 30 items.
- 2014 Built more than 20 Branch offices , successfully won the bid project magnesium in QingHai Salt Lake Group for 84 sets centrifugal pump , especially contained for 12 set of 185kw horsepower lined-in fluorine plastic centrifugal pump . It is China National ' s largest single stage single suction lined-in fluorine plastic centrifugal pump . It marked our company comprehensive laid a leadership position in the field of corrosion resistant pump .



制造能力

年产化工泵 2 万台套
产品覆盖金属与非金属 (F46、PFA、PE)
磁力泵功率可达 315kw
衬氟泵技术代表国内先进水平
单级单吸衬氟离心泵拥有 12 台 185kw 运行业绩



Manufacturing capacity

Annual output of 20000 sets of chemical pump
Products cover metal and nonmetal (F46, PFA, PE)
Magnetic pump power up to 315 kw
Fluorine-butterfly pump technology on behalf of the domestic top level,
Single-stage single-suction centrifugal pump lining fluorine with 12 sets of 185 kw running performance

南方泵业 / 制造能力 / Manufacturing capacity



测试、检测、测量

Test, test and measurement



领先 - 只因专业与专注
细节彰显品质

Leading is only due to Professional and Focus.
Details Show Quality.



磁力泵 Driven Pump

CQB 氟塑料磁力泵 01
CQB Magnetic Driven Pump

IMD 衬氟磁力泵 06
IMD Lined-in Fluorine Plastic Magnetic Driven Pump

IMD-FT 衬氟磁力泵 11
IMD-FT Lined-in Fluorine Plastic Magnetic Driven Pump

ZMD 衬氟磁力自吸泵 17
ZMD Lined-in Fluorine Plastic Magnetic Driven Self-Priming Pump

NMQ 系列磁力泵 22
NMQ Series Magnetic Driven Pump

NWB 磁力旋涡泵 45
NWB Magnetic Vortex Pump

离心泵 Centrifugal Pump

IHF 单级单吸衬氟离心泵 49
IHF Single Stage Single Suction Lined-in Chemical Centrifugal Pump

FSB 氟塑料合金离心泵 63
FSB Fluorine Plastic Alloy Centrifugal Pump

FZB 衬氟自吸泵 71
FZB Fluorine Plastic Lined-in Self-priming Pump

NH 不锈钢离心泵 77
NH Stainless Steel Centrifugal Pump

NZ 化工流程泵 85
NZ Chemical Process Pump

NA/NE 化工流程泵 93
NA/NE Chemical Process Pump

NFY FYS 长轴液下泵 103
NFY FYS Long Shaft Submerged Pump

UHB-ZK 耐磨耐酸碱渣浆泵 106
UHB-ZK Anti-Wear Acid Alkali Resistance Slurry Pump

NAZ 浆料泵 118
NAZ Pulp Slurry Pump

NJL 化工轴流循环泵 135
NJL Chemical Circulation Pump

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Company Qualification

磁力泵优势分析

Advantage analysis of Magnetic Driven Pump

磁力泵是应用现代磁力学原理, 利用永磁体实现无接触间接传动的一种化工流程泵。当电机带动外转子(即外磁钢)总成旋转时, 通过磁场的作用磁力线穿过隔离套带动内转子(即内磁钢)总成和叶轮同步旋转, 介质完全封闭在静止的隔离套内, 从而达到无泄漏输送介质的目的, 以静密封取代动密封, 使泵的过流部件处于密封状态, 彻底解决了机械密封传动泵无法避免的跑、冒、滴、漏之现象; 磁力泵产品结构简单、噪音小、运行稳定、安全环保, 是工业领域绝对无泄漏泵的首选产品。

Magnetic driven pump is the application of modern magnetic theory the use of permanent magnets to achieve Non-contact indirect transmission of a chemical process pump. When the external rotor motor (outside magnetic steel) Drives assembled rotates through the magnetic lines of force within the rotor drive isolation kit (inside magnetic steel) Synchronous rotating assembly with the impeller, liquids stay in closed static isolation kit so that without leakage of the purpose pumping mediums, solve the mechanical transmission pump seal leakage. It uses static seal instead of the dynamic seal so that it can keep the flow components in the seal station. It solve the others problem like running, emit, drip and so on. Magnetic Driven Pump have two much features of simply structure, low noise, Stably Running, safety environment protection. It is first choose to transfer without leakage in industrial fields.

磁力泵应用行业

绝对无泄漏 节能环保 高效率

可空运转



CQB-F

氟塑料无泄漏磁力泵

Fluorine Plastic Magnetic Driven Pump



工作条件

Working Conditions

口径: 15-200mm
工作温度: -20℃~150℃
流量范围: 0.8m³/h-400m³/h
扬程范围: 3.2m-80m
材质范围: 内衬F46/PFA
设计标准: API685

Pump Diameter: 15mm-200mm
Working Temperature: -20 ~150
Flow Capacity Range: 0.8m³/h-400m³/h
Pump Head Range: 3.2m-80m
Materials Range: Lined-in FEP(F46), PFA.
Designed Standard: API 685

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送易燃易爆挥发、有毒有害、贵重及强腐蚀性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium. Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

Designed Instruction

CQB-F 氟塑料磁力泵是我公司上世纪 90 年代针对强腐蚀性介质研发的无泄漏泵产品，也是国内最早制造耐腐蚀磁力泵的厂家之一。产品结合金属磁力泵的结构进行优化，过流部件全部内衬氟塑料，模压烧结工艺，独特的工艺技术使氟塑料与金属之间永不脱落。产品既保留了无泄漏的性能，又提高了不锈钢磁力泵不能抵抗强腐蚀性介质性能，其经济性是取代高昂的合金材料(钛合金、哈氏合金)磁力泵的最佳选择。

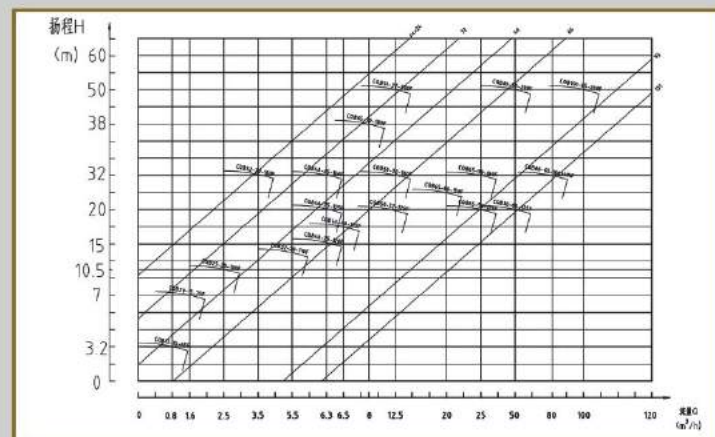
CQB-F fluorine plastic magnetic pump is my company in the 1990 s for research and development of strong corrosive medium without leakage of pump products, is also one of the earliest manufacturing corrosion resistance of the magnetic pump manufacturer. Products combined with metal to optimize the structure of the magnetic pump and flow components all lined with fluoroplastic, moulding and sintering process, unique technology makes between fluorine plastic and metal never fall off. Products both retain no leakage performance, and improve the performance of stainless steel magnetic pump can't resist the corrosive medium, its economy is replaced by high alloy, titanium alloy, hartz alloy) the best choice of the magnetic pump.

性能参数表

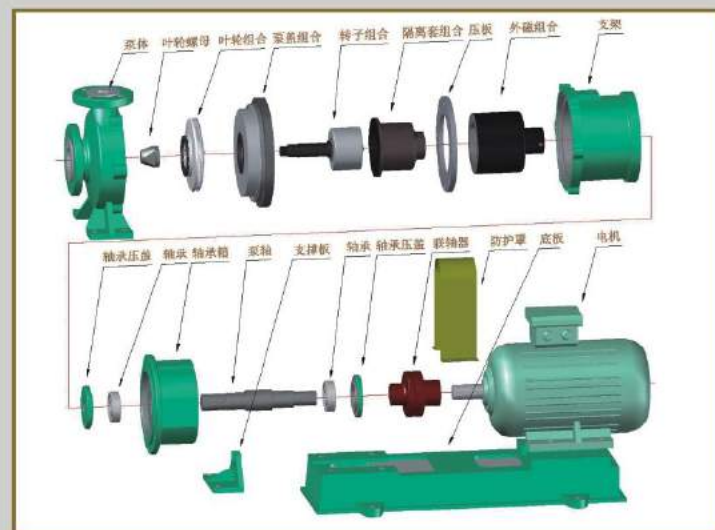
Performance Parameter Table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
CQB15-15-65FP	0.8	3.2	0.18	2900	16	0.04	6	15	15
CQB16-12-50FP	0.6	2	0.025	2900	8	0.04	9	16	12
CQB20-15-75FP	1.6	5	0.18	2900	22	0.10	6	20	15
CQB25-20-100FP	2.5	10.5	0.37	2900	28	0.26	6	25	20
CQB32-20-110FP	3.5	13.5	0.55	2900	54	0.24	6	32	20
CQB32-25-160F	3.2	32	2.2	2900	38	0.73	5	32	25
CQB40-40-125FP	6.3	17.5	1.1	2900	42	0.72	3.7	40	40
CQB40-25-125FP	6.3	20	1.1	2900	42	0.82	5	40	25
CQB40-25-160F	6.3	32	3	2900	46	1.19	5	40	25
CQB50-32-125F(P)	12.5	20	1.5	2900	48	1.42	3.5	50	32
CQB50-32-160F	12.5	32	4	2900	43	2.53	3.5	50	32
CQB65-50-125F	25	20	4	2900	52	2.62	4	65	50
CQB65-50-150F	20	25	4	2900	48	3.63	4	65	500
CQB65-50-160F	17.5	32	4	2900	42	3.63	4	65	50
CQB65-50-180F	8	36	5.5	2900	20	3.92	4	65	50
CQB65-40-200F/L	25	50	11	2900	40	8.52	4	65	40
CQB80-65-160F/L	50	32	11	2900	62	7.03	4	80	65
CQB80-50-200F/L	50	50	15	2900	60	11.35	4	80	50
CQB100-80-160F/L	100	32	18.5	2900	58	15.03	5	100	80
CQB100-65-200F/L	100	50	30	2900	66	20.64	4	100	65

性能曲线



三维图及材质结构图

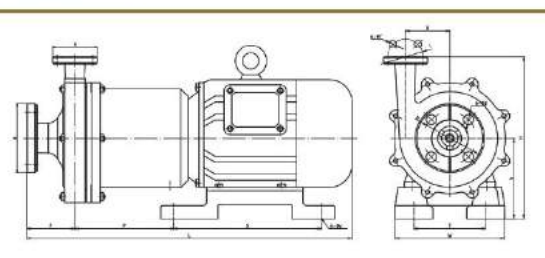


型号意义

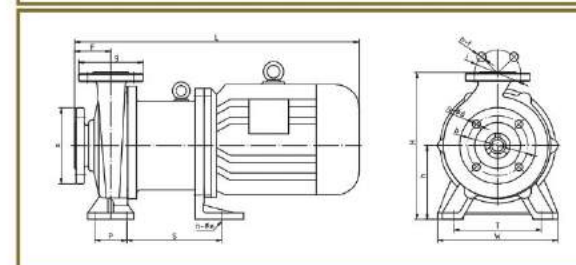
Model significance



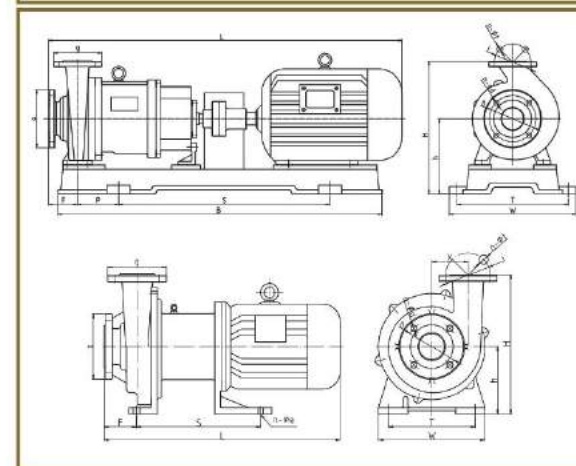
安装尺寸



图一



图二



图三

图一

型号Model No	L	S	P	F	W	T	H	h	a	b	g	i	x	n-d	n-t	n-e
CQB15-15-65F	290	71	115	40	112	90	125	56	20	/	20	/	25	/	/	4-7.5
CQB20-15-75F	316	71	120	55	112	90	138	56	27	/	20	/	38	/	/	4-7.5
CQB25-20-100F	360	80	150	60	125	100	165	63	34	/	26	/	49	/	/	4-7.5
CQB32-20-110F	440	200	135	65	150	115	209	109	120	90	90	65	60	4-13	4-11	4-12
CQB40-25-120F	442	270	72	45	180	150	250	118	140	100	100	75	68	4-M12	4-11	4-12
CQB40-25-125F	442	270	72	45	180	150	250	118	140	100	100	75	68	4-M12	4-11	4-12
CQB40-40-125F	525	270	98	100	180	150	265	173	130	100	130	100	/	4-13	4-13	4-12
CQB50-32-125F	525	270	102	85	180	150	270	128	130	100	120	90	76	4-13	4-11	4-12

图二

型号Model No	L	S	P	F	W	T	H	h	a	b	g	i	x	n-d	n-t	n-e
CQB32-20-160F	580	210	70	0	240	190	320	160	140	100	100	75	/	4-18	4-14	2-14
CQB40-25-160F	595	205	70	82	260	190	320	160	150	110	115	85	/	4-M16	4-M12	2-16
CQB50-32-160F	620	206	70	80	260	190	320	160	165	125	140	10	/	4-18	4-18	2-16
CQB50-32-200F	740	330	70	100	265	212	365	180	165	125	140	100	/	4-M16	4-M16	2-14
CQB65-50-125F	630	212	70	95	230	190	320	160	185	145	165	125	/	4-18	4-18	2-16
CQB65-50-125NF	630	215	70	95	260	190	320	160	185	145	165	125	/	4-18	4-18	2-16
CQB65-50-150F	670	350	/	92	300	245	395	190	185	145	165	125	102	4-18	4-18	4-14
CQB65-50-160F	745	350	/	92	300	245	395	190	185	145	165	125	102	4-18	4-18	4-14
CQB65-50-180F	820	370	/	92	300	245	395	190	185	145	165	125	102	4-18	4-18	4-14

图三

型号Model No	L	B	S	P	F	W	T	H	h	a	b	g	i	n-d	n-t	n-e
CQB50-32-200F	1040	990	650	90	80	450	380	440	260	165	125	140	100	4-18	4-18	4-25
CQB65-40-200F	1255	1120	730	145	100	500	450	440	260	185	145	150	110	4-18	4-M16	4-25
CQB65-40-200NF	1240	1120	730	135	100	500	450	510	260	185	145	150	110	4-18	4-18	4
CQB80-65-125F	870	650	400	110	60	400	360	480	300	200	160	185	145	8-M18	4-M18	4-18
CQB80-65-160F	1220	1100	730	130	100	480	430	435	250	200	160	185	145	8-M16	8-M16	4-25
CQB80-65-160NF	1305	1160	730	130	100	480	430	420	240	200	160	185	145	8-M16	8-M16	4-25
CQB80-50-200F	1225	1120	730	143	100	500	450	460	260	200	160	165	125	8-18	4-M16	4-25
CQB100-80-160F	1285	1120	730	125	103	500	450	500	280	220	180	200	160	8-M16	8-M16	4-25
CQB100-65-200F	1375	1170	720	105	100	500	450	525	300	220	180	185	145	8-18	8-18	4-25

IMD

衬氟无泄漏磁力泵

IMD Lined-in Magnetic Driven Pump



工作条件

Working Conditions

口径: 32-300mm
工作温度: -20℃-180℃
流量范围: 0.8m³/h-800m³/h
扬程范围: 15m-125m
材质范围: 内衬F46/PFA
设计标准: API685

Pump Diameter: 32mm-300mm
Working Temperature: -20 ~180
Flow Capacity Range: 0.8m³/h-800m³/h
Pump Head Range: 15 m-125m
Materials Range: Lined-in FEP(F46), PFA.
Designed Standard: API 685



运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.



产品用途

Pump Usage

适用于输送易燃易爆挥发、有毒有害、贵重及强腐蚀性、强氧化性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

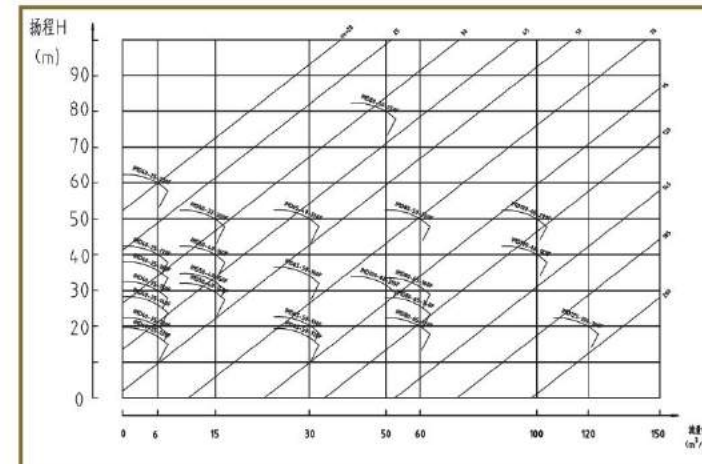
IMD 衬氟磁力泵是 CQB-F 氟塑料磁力泵的延伸产品，是基于本公司的长期技术积累和国外先进技术的借鉴而设计研发的高效节能型磁力泵。泵的外形及安装尺寸均按 ISO 国际标准设计制作，所有规格均为电机直联式，由中间支架支撑，体积小，拆卸方便；隔离套采用氟塑料整体模压成型，外增设非金属材料注塑成型的加强套，以增强隔离套的耐压性，同时消除磁涡流损耗。泵性能特点为小流量高扬程型，可输送密度大于 1.9t/m^3 的强腐蚀介质。该系列磁力泵卓越的性能和高性价比已成为替代国外进口磁力泵的首选。

IMD Lined-in Fluorine Plastic magnetic pump is CQB - F the extension of fluorine plastic magnetic pump products, is based on the company's long-term technical accumulation and the reference to the advanced foreign technology and design research and development of highly efficient energy-saving magnetic pump. Pump of the appearance and installation dimensions are according to ISO international standards for design and production, all specifications for motor straight association-like, supported by middle bracket, small volume, convenient disassembly; Outside of sleeve using fluorine plastic with whole mould, add the strengthening of non-metallic composite material molding, to enhance the pressure resistance of spacer, and eliminate magnetic eddy current loss. Pump performance characteristics for small flow high km, conveying density greater than 1.9t/m^3 strong corrosive medium. This series of excellent performance and high ratio of magnetic pump has become a substitute imported the first selection of magnetic pump.

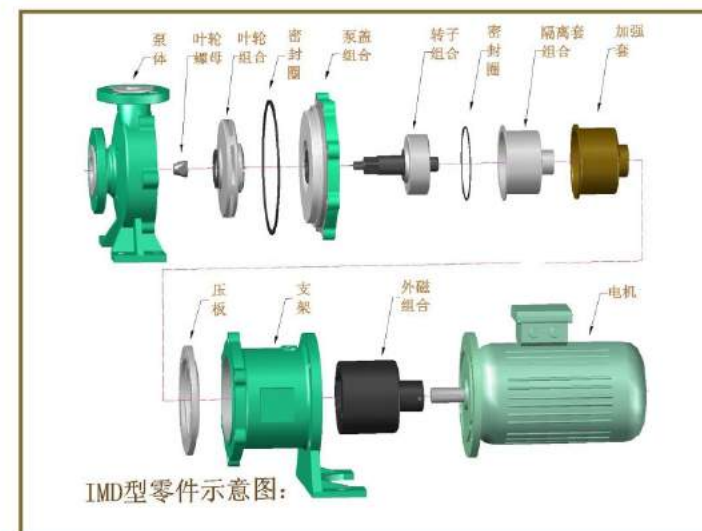
性能参数表

型 号 Model No	流量 Flow Capacity (m ³ /h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 outlet
IMD40-25-150F	6	25	3	2900	32%	1.28	3	40	25
IMD40-25-165F	6	36	3	2900	35%	1.49	3	40	25
IMD40-25-185F	2	39	3	2900	25%	0.85	3	40	25
IMD40-25-200F	6	50	5.5	2900	36%	2.27	3	40	25
IMD50-40-165F	15	32	5.5	2900	48%	2.72	3	50	40
IMD50-32-200F	12.5	50	7.5	2900	61%	3.35	3	50	40
IMD65-50-130F	30	20	4	2900	73%	2.24	3	65	50
IMD65-50-165F	30	32	7.5	2900	67%	3.90	3.2	65	50
IMD65-40-200F	25	50	11	2900	50%	6.81	3.2	65	40
IMD80-65-160F	50	32	11	2900	67%	6.50	3.2	80	65
IMD80-50-200F	50	50	15	2900	60%	11.34	3.5	80	50
IMD100-80-160F	100	32	18.5	2900	65%	13.40	3.5	100	80
IMD100-65-200F	100	50	30	2900	68%	20.02	3.5	100	65

性能曲线



三维图及材质结构图



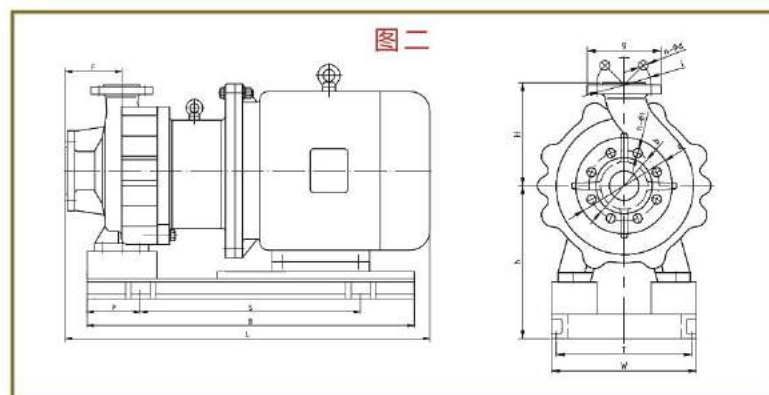
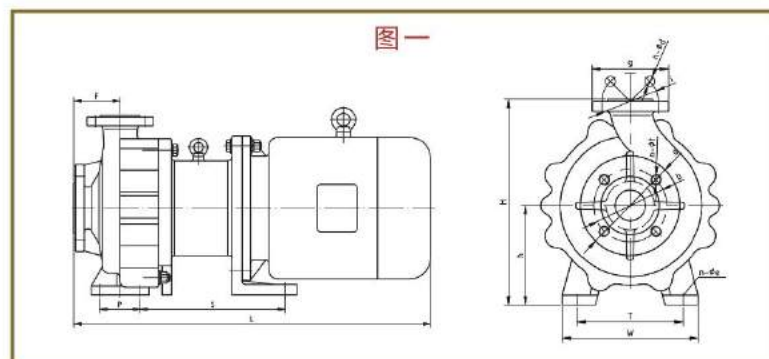
型号意义

Model significance



安装尺寸

Installation dimensions



图一

型号 Model No	L	S	P	F	W	T	H	h	a	b	g	i	n-d	n-t	n-e
IMD40-25-150	610	276	70	80	205	160	310	150	150	110	115	85	4-M12	4-M16	4-14
IMD40-25-160	610	276	70	80	205	160	310	150	150	110	115	85	4-M12	4-M16	4-14
IMD40-25-185	610	276	70	80	205	160	310	150	150	110	115	85	4-M12	4-M16	4-14
IMD40-25-200	730	330	70	80	265	212	365	180	150	110	115	85	4-M12	4-M16	4-14
IMD50-40-165	730	330	70	80	265	212	340	180	180	125	150	110	4-M16	4-M16	4-14
IMD50-32-200	740	330	70	100	265	212	365	180	180	125	140	100	4-M16	4-M16	4-14
IMD65-50-130	730	316	95	80	265	212	360	180	180	145	165	125	4-M16	4-M16	4-14
IMD65-50-165	732	320	95	80	265	212	365	180	180	145	165	125	4-M16	4-M16	4-14
IMD65-40-200D	932	450	70	100	500	450	440	330	330	145	150	110	4-18	4-18	4-25
IMD65-40-200L	1240	730	70	100	500	450	510	260	260	145	150	110	4-18	4-18	4-25
IMD80-65-160D	890	416	70	100	290	220	430	230	230	160	185	145	8-M16	8-M16	4-15
IMD80-65-160L	1305	730	130	100	480	430	425	240	240	160	185	145	8-M16	8-M16	4-25
IMD80-50-200D	925	400	70	100	480	430	520	320	320	160	165	125	4-M16	8-18	4-25
IMD80-50-200L	1208	730	250	150	480	430	460	260	260	160	165	125	4-M16	8-18	4-25
IMD100-80-160D	1110	530	95	125	480	430	500	250	250	180	200	160	8-M16	8-M16	4-15
IMD100-80-160L	1255	730	130	100	480	430	500	280	280	180	200	160	8-M16	8-M16	4-15
IMD100-80-180	1110	485	95	125	345	280	500	250	250	180	200	160	8-M16	8-M18	4-15
IMD100-65-200D	820	550	95	100	480	430	505	280	280	180	185	145	4-18	8-18	4-25
IMD100-65-200L	1280	730	100	130	480	430	505	280	280	180	185	145	4-18	8-18	4-25

图二

型号 Model No	L	B	S	P	F	W	T	H	h	a	b	g	i	n-d	n-t	n-e
IMD40-25-250	635	600	350	100	100	435	385	200	260	150	110	115	85	4-M16	4-M12	4-15
IMD65-50-160	756	650	400	125	100	400	360	180	275	185	145	165	125	4-M16	4-M16	4-15
IMD80-65-160	870	650	400	125	110	320	290	180	300	200	160	185	145	8-18	8-18	4-15

IMD-FT

衬氟无泄漏磁力泵

IMD-FT Lined-in Magnetic Driven Pump



工作条件

Working Conditions:

口径: 32-300mm
工作温度: -20℃-180℃
流量范围: 3m³/h-800m³/h
扬程范围: 15m-125m
材质范围: 内衬F46/PFA
设计标准: API685

Pump Diameter: 32mm-300mm
Working Temperature: -20 ~ 180
Flow Capacity Range: 3m³/h-800m³/h
Pump Head Range: 15 m-125m
Materials Range: Lined-in FEP(F46), PFA.
Designed Standard: API 685

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送易燃易爆易挥发、有毒有害、贵重及强腐蚀性、强氧化性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

Designed Instruction

IMD-FT 衬氟磁力泵是 IMD 衬氟磁力泵的延伸产品，是基于本公司的长期技术积累和国外先进技术的借鉴而设计研发的高效节能磁力泵。泵的外形及安装尺寸均按 ISO 国际标准设计制作，所有规格均为电机直联式，由中间支架支撑，体积小，拆卸方便；隔离套采用氟塑料整体模压成型，外增设非金属混合材料注塑成型的加强套，以增强隔离套的耐压性，同时消除磁流损耗。泵性能特点为小流量高扬程，可输送密度大于 1.9t/m³ 的强腐蚀介质。该系列磁力泵卓越的性能和高性价比已成为替代国外进口磁力泵的首选。

IMD-FT Lined-in Magnetic Driven Pump is IMD Lined-in Fluorine Plastic magnetic pump products, is based on the company's long-term technical accumulation and the reference to the advanced foreign technology and design research and development of highly efficient energy-saving magnetic pump. Pump of the appearance and installation dimensions are according to ISO international standards for design and production, all specifications for motor straight association-like, supported by middle bracket, small volume, convenient disassembly. Outside of sleeve using fluorine plastic with whole mould, add the strengthening of non-metallic composite material molding, to enhance the pressure resistance of spacer, and eliminate magnetic eddy current loss. Pump performance characteristics for small flow high hm, conveying density greater than 1.9 t/m³ strong corrosive medium. This series of excellent performance and high ratio of magnetic pump has become a substitute imported the first selection of magnetic pump.

性能参数表

Performance Parameter Table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀余量 NPSH(m)	口径 Diameter/mm	
								进口 Inlet	出口 Outlet
IMD32-25-160FT	3.2	32	2.2	2900	35	0.87	5	32	25
IMD40-25-160FT	6.3	32	3	2900	46	1.19	5	40	25
IMD40-25-200FT	6	50	7.5	2900	25	3.27	3.5	40	25
IMD40-25-250FT	6	80	11	2900	23	5.69	3	40	25
IMD50-32-160FT	12.5	32	4	2900	42	2.60	3.5	50	32
IMD50-32-200FT	12.5	50	7.5	2900	31	6.49	3.5	50	32
IMD50-32-250FT	12.5	80	15	2900	31	8.79	3.5	50	32
IMD65-50-125FT	25	20	4	2900	52	2.62	4	65	50
IMD65-50-160FT	25	32	7.5	2900	55	3.96	4	65	50
IMD65-40-200FT	25	50	11	2900	53	6.43	4	65	40
IMD65-40-250FT	25	80	22	2900	32	17.03	4.3	65	40
IMD80-65-125FT	50	20	7.5	2900	51	5.34	3.8	80	65
IMD80-65-160FT	50	32	11	2900	60	7.27	4	80	65
IMD80-50-200FT	50	50	18.5	2900	54	12.62	4	80	50
IMD80-50-250FT	50	80	30	2900	57	19.12	5	80	50
IMD100-80-125FT	100	20	11	2900	68	8.01	4.3	100	80

性能参数表

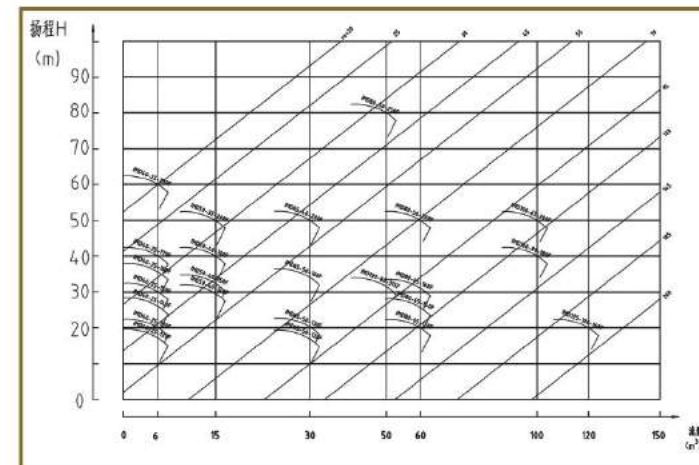
Performance Parameter Table

型号 Model No.	流量 Flow Capacity (m ³ /h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm)	进口 Inlet	出口 Outlet
IMD100-80-160FT	100	32	18.5	2900	55	15.85	5	100	80	
IMD100-65-200FT	100	50	30	2900	63	21.63	4.5	100	65	
IMD100-65-250FT	100	80	45	2900	65	33.54	3.5	100	65	
IMD100-80-315FT	50	32	15	1450	48	9.08	5.5	100	80	
IMD125-100-160FT	150	32	30	2900	58	22.55	6	125	100	
IMD125-100-200FT	150	50	37	2900	64	31.93	6	125	100	
IMD125-100-250FT	200	80	75	2900	70	62.29	6	125	100	
IMD125-100-315FT	100	32	22	1450	53	16.45	6.3	125	100	
IMD125-100-400FT	100	50	30	1450	59	23.09	6.5	125	100	
IMD150-100-160FT	200	32	37	2900	61	28.59	4.5	150	100	
IMD150-100-200FT	200	50	55	2900	68	40.07	4	150	100	
IMD150-125-250FT	200	20	30	1450	43	25.35	4	150	125	
IMD150-125-315FT	200	32	37	1450	58	30.07	4.5	150	125	
IMD150-125-400FT	200	50	55	1450	60	45.42	6.5	150	125	
IMD200-150-250FT	400	20	45	1450	60	36.33	4.5	200	150	
IMD200-150-315FT	400	32	75	1450	68	51.29	6	200	150	
IMD200-150-400FT	400	50	110	1450	63	86.61	6.5	200	150	



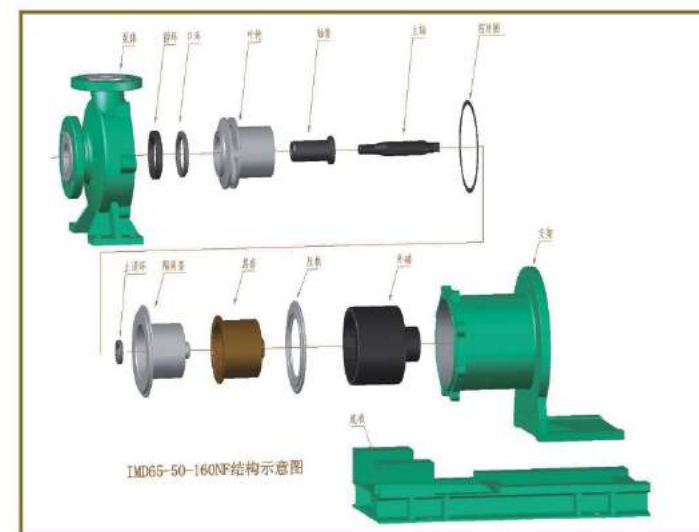
性能曲线

Performance curve



三维图及材质结构图

Three dimensional figure and material structure



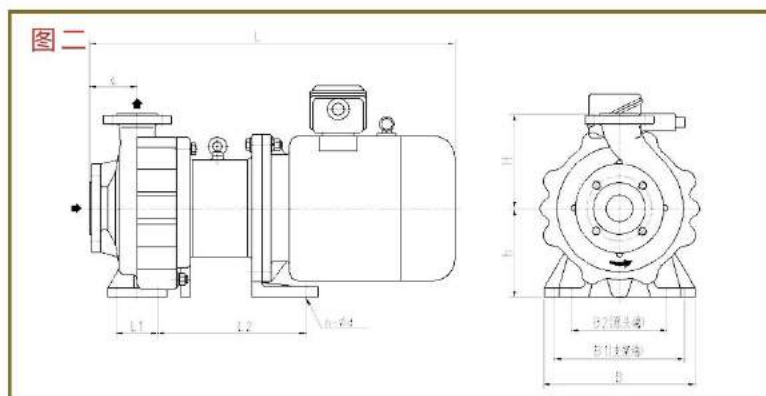
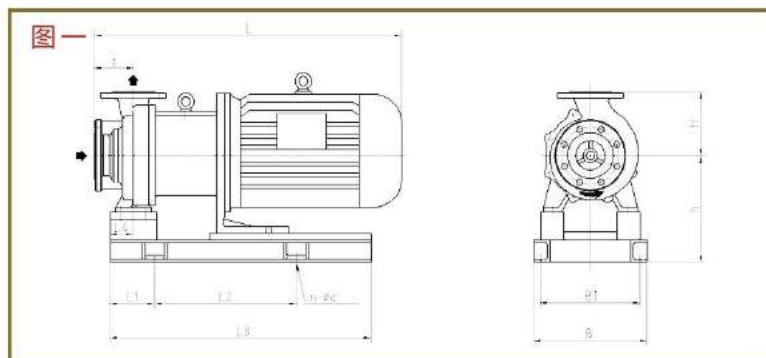
型号意义

Model significance

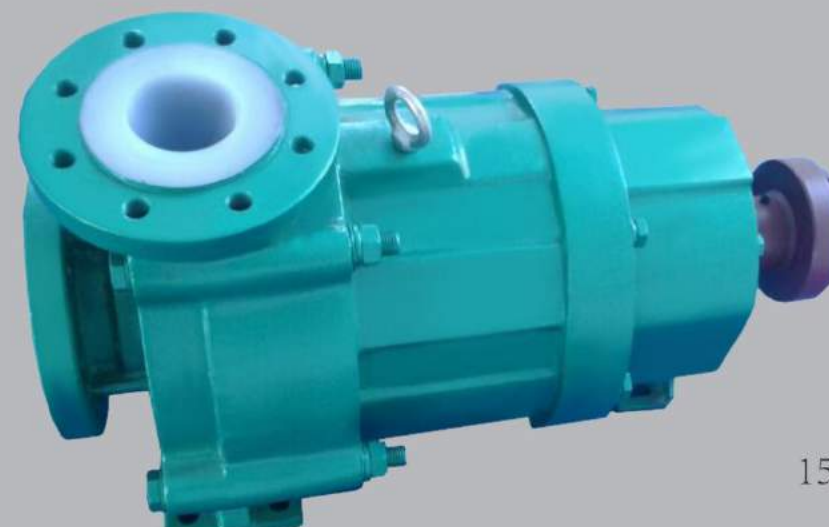


安装尺寸

Installation dimensions



型 号 Model No	电机功率(kW)	L	a	L1	L2	L3	L4	B	B1	B2	H	h	n-Φd
40-25-160FT	3	660	82	70	210			260	220		160	160	6-Φ15
40-25-250FT	11	856	100	125	450	750	80	435	385		200	260	6-Φ15
50-32-160FT	7.5	730	82	110	325	550	80	320	285		160	240	4-Φ19
50-32-250FT	15	856	100	125	450	750	125	435	385		200	260	4-Φ19
65-50-125FT	3	680	95	70	212			260	220		162	160	6-Φ15
65-50-160FT	4	710	100	110	325	550	70	390	340		180	240	6-Φ15
80-65-160FT	11	990	110	135	400	660	75	395	360		180	300	4-Φ19
80-50-200FT	15	990	110	135	400	660	75	395	360		200	300	4-Φ19
80-50-250FT	30	1135	130	125	670	980	100	520	470	190	225	300	4-Φ19
100-65-200FT	30	1125	120	125	670	980	95	520	470		220	300	4-Φ19
125-100-200FT	55	1265	130	200	700	1150	90	530	490		280	370	4-Φ23
150-100-160FT	37	1160	150	125	670	980	90	520	470		260	300	4-Φ19
150-100-200FT	55	2030	150	250	1300	1800	90	650	610	190	280	400	4-Φ19



ZMD

衬氟无泄漏磁力自吸泵

Lined-in Fluorine Plastic Self-Priming Magnetic Driven Pump



工作条件

口径: 25-150mm
工作温度: -20℃~150℃
流量范围: 3m³/h-250m³/h
扬程范围: 12.5m-50m
材质范围: 内衬F46/PFA
设计标准: API685

Pump Diameter: 25mm-150mm
Working Temperature: -20 ~ 150
Flow Capacity Range: 3m³/h-250m³/h
Pump Head Range: 12.5 m-50m
Materials Range: Lined-in FEP(F46), PFA,
Designed Standard: API 685

运用领域

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

适用于输送易燃易爆挥发、有毒有害、贵重及强腐蚀性、强氧化性的清洁介质；如任何浓度的酸、碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

ZMD 氟塑料磁力自吸泵是结合磁力泵与自吸泵各自的特性，兼备磁力泵的无泄漏功能和自吸离心泵是自吸功能，泵自吸高度达4米。是液位低于泵入口、输送强腐蚀性介质的最佳选择，可以取代液下泵。

ZMD series fluoroplastic magnetic self-priming pump is a combination of magnetic pump and self-priming pump all the characteristics of both magnetic pump leak proof function and self-priming function of self-priming centrifugal pump, self-priming pump data 4 m. Is a level below the pump inlet, the best choice for transporting the corrosive medium, can take the place of submerged pump.

性能参数表

型号 Model No.	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm) 进口 Inlet	出口 outlet	自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)
40ZMD-20F	3	21	2.2	2900	22	0.78	3	40	25	1	150
	6	20			36	0.91					
	10	18			48	1.02					
40ZMD-30F	3	34	4	2900	16	1.74	3	50	50	3	150
	6	30			24	204.00					
	10	28			33	2.31					
50ZMD-20F	8	22	2.2	2900	25	1.92	3	50	25	1	150
	12	20			35	1.87					
	12.5	18			42	1.46					
50ZMD-30F	8	34	5.5	2900	40	1.85	3	50	50	3	180
	12.5	30			44	2.32					
	15	28			32	3.58					
50ZMD-45F	8	48	7.5	2900	26	4.11	3	65	40	3	180
	12.5	45			35	4.67					
	15	40			38	5.06					
65ZMD-30F	20	34	7.5	2900	46	4.12	3.5	65	50	3	200
	30	32			52	5.03					
	35	28			48	5.56					
65ZMD-45F	20	46	11	2900	40	6.27	4.5	65	40	3	200
	25	45			44	6.97					
	35	40			40	9.54					

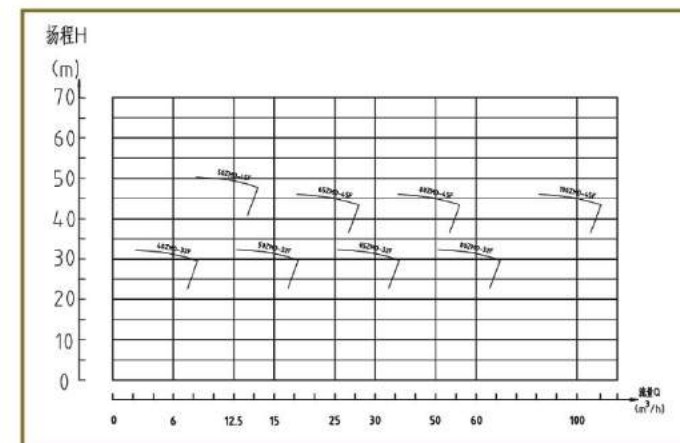
性能参数表

Performance Parameter Table

型号 Model No	流量 Flow Capacity (m ³ /h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm) 进口 Inlet	出口 outlet	自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)
80ZMD-30F	35	34	11	2900	50	6.49	3.5	80	65	3	200
	50	30			55	7.43					
	65	28			50	9.92					
80ZMD-45F	35	48	18.5	2900	38	12.05	4.5	80	65	3	200
	50	45			50	12.26					
	60	40			48	13.63					
100ZMD-30F	70	34	18.5	2900	41	15.82	4.5	100	80	3	220
	100	30			50	16.35					
	110	28			48	17.49					
100ZMD-45F	70	48	30	2900	54	19.96	5	100	80	3	250
	100	45			55	22.30					
	110	30			38	23.66					

性能曲线

Performance curve



三维图及材质结构图

Three dimensional figure and material structure



型号意义

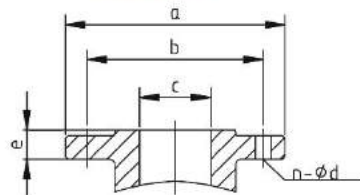
Model significance



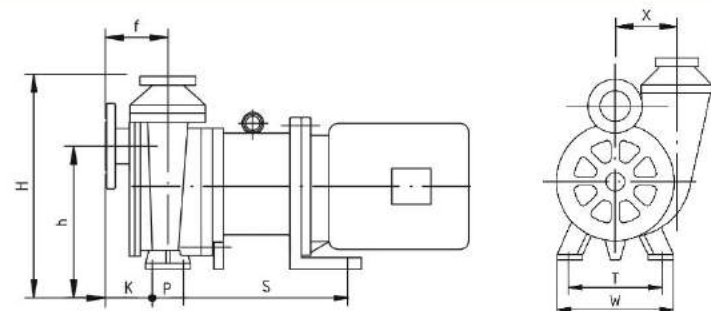
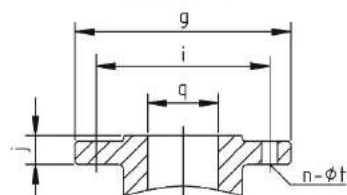
安装尺寸

Installation dimensions

进口法兰



出口法兰



型号 Model No	L	S	P	k	f	W	T	H	h	a	b	c	n-d	e	g	i	k	x	j	n-t
40ZMD-32F	756	275	70	145	185	240	190	450	270	150	110	40	4-18	20	115	85	25	90	18	4-15
50ZMD-32F	875	318	95	172	225	265	212	496	320	165	125	50	4-18	20	165	125	50	100	18	4-18
50ZMD-45F	905	336	70	215	225	265	212	510	330	165	125	50	4-18	20	165	125	50	105	20	4-18
65ZMD-32F	903	354	95	165	230	265	212	495	320	185	145	65	4-18	20	165	125	50	96	18	4-18
65ZMD-45F	1110	410	70	218	225	290	220	610	400	185	145	65	4-18	20	150	100	40	114	18	4-18
80ZMD-32F	1180	412	75	220	255	290	220	535	380	200	160	80	8-18	20	165	145	65	115	20	4-18
80ZMD-45F	1150	416	70	244	245	290	220	618	450	200	160	80	8-18	20	165	145	65	120	20	4-18
100ZMD-45F	1036	550	95	270	290	300	250	600	360	220	180	100	8-18	24	200	160	80	128	20	4-18

NMQ

不锈钢无泄漏磁力泵系列

Stainless steel Magnetic Driven Pump



工作条件

Working Conditions

口径: 25-250mm
工作温度: -40℃~350℃
流量范围: 3m³/h-800m³/h
扬程范围: 12.5m-130m
材质范围: 304、316、316L、904
设计标准: API685

Pump Diameter: 25mm-250mm
Working Temperature: -40 ~ 350
Flow Capacity Range: 3m³/h-800m³/h
Pump Head Range: 12.5 m-130m
Materials Range: SS304, SS316, SS316L, SS904
Designed Standard: API 685

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送中性或腐蚀性、低温或高温、易燃、易爆、易挥发、有毒、有害及贵重的清洁介质。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium. Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

NMQ 系列不锈钢磁力泵是我公司在标准的 CQB 金属磁力泵上改进而成的新型高效磁力泵。采用国际领先的组合拉推磁路并优化设计，在相同尺寸下磁扭矩提高 15%，隔离套最低采用 316L 材质，大大降低了磁漏流产生的损耗；优秀的水力模型使整机效率提高了 3-8 个百分点；采用双滑动轴承支撑，运行平稳。温度在 120℃ 以下选用磁能面积最大的钕铁硼磁材，120℃-350℃ 耐高温的钐钴磁材，产品零配件通配性和标准化程度高，通用性强。

NMQ Series Stainless Steel Magnetic Driven Pump is new type high-efficiency magnetic driven pump base on our standard CQB Metal magnetic driven pump improved. It is adapt international leading combined pull and push magnet circuit and optimize design. Magnetic Torque is increased by 15 % under the same specification. The Materials of Isolation Kit are SS316L. It will greatly reduce the magnetic eddy current loss. Excellent hydraulic Model can improve this pump working efficiency by 3-8 %. It is choose double Sliding bearing support, stable running. When The Temperature is belows than 120 degree.C. It is better to choose Ndfeb Magnet materials. When Temperature between 120 - 250 degree.C. It is better to choose Smco Magnet. The Spare parts wildcard and standardized degree are higher with strongly universal.

型号意义

字母含义：L 代表分体式，Z 代表自吸，G 代表高温，R 代表风冷，
W 代表夹套保温，E 代表二保温结构，S 代表三保温结构
NQG 代表立式磁力泵



性能参数表

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm) 进口 Inlet 出口 Outlet
32-20-125	2	22	1.1	2900	28	0.43	3	20
	3.2	20	1.5		28	0.62		
	3.8	18.5	2.2		28	0.68		
32-20-160	2	33	1.5	2900	25	0.72		32
	3.2	32	2.2		25	1.12		
	3.8	30	3		25	1.24		
32-32-200	2	51	4	2900	20	1.39		32
	3.2	50	5.5		20	2.18		
	3.8	48	7.5		20	2.49		
40-25-125	4.4	21	1.5	2900	35	0.72	3.2	25
	6.3	20	2.2		35	0.98		
	8.3	18	3		35	1.16		
40-25-160	4.4	33	2.2	2900	32	1.24		40
	6.3	32	3		32	1.72		
	8.3	30	4		32	2.12		
40-25-200	4.4	51	4	2900	25	2.45		40
	6.3	50	5.5		25	3.43		
	8.3	48	7.5		25	4.34		
40-40-250	4.4	82	11	2900	20	4.92	3.5	40
	6.3	80	15		20	6.87		
	8.3	74	18.5		20	8.37		
50-32-125	8.8	21.5	3	2900	34	1.52		50
	12.5	20	4		42	1.62		
	16.3	17.8	5.5		40	1.98		
50-32-160	8.8	33	4	2900	26	3.04		32
	12.5	32	5.5		39	2.79		
	16.3	30	7.5		43	3.10		

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效 率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 outlet
50-32-200	8.8	51	7.5	2900	20	6.11	3.5	50	32
	12.5	50	11		31	5.49			
	16.3	48	15		35	6.09			
50-32-250	8.8	82	15	2900	16	12.29			
	12.5	80	18.5		25	10.90			
	16.3	77.5	22		28	12.29			
65-50-125	17.5	21.5	4	2900	33	3.11			50
	25	20	5.5		44	3.10			
	32.5	18	7.5		45	3.54			
65-50-160	17.5	34.4	5.5	2900	32	5.13			50
	25	32	7.5		45	4.84			
	32.5	27.5	11		47	5.18			
65-40-200	17.5	52.7	11	2900	30	8.38	4	65	
	25	50	15		40	8.51			
	32.5	45.5	18.5		42	9.59			
65-40-250	17.5	82	22	2900	25	15.64			40
	25	80	30		37	14.73			
	32.5	76.5	37		41	16.52			
65-40-315	17.5	127	37	2900	18	33.64			
	25	125	45		27	31.54			
	32.5	122	55		31	34.85			
80-65-125	35	22	5.5	2900	48	4.37			65
	50	20	7.5		57	4.78			
	65	17	11		55	5.47			
80-65-160	35	35	11	2900	45	7.42		80	
	50	32	15		55	7.93			
	65	28	18.5		53	9.36			
80-50-200	35	53.5	18.5	2900	40	12.76			50
	50	50	22		50	13.62			
	65	46	30		49	16.63			

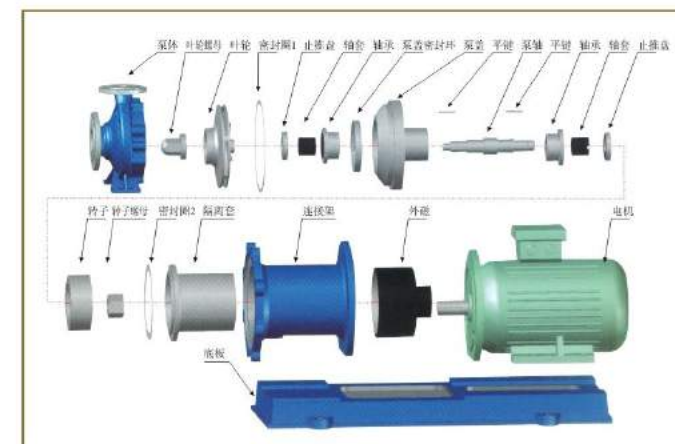
型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效 率 Efficiency (%)	轴功率 Shaft power	汽蚀 余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 outlet
80-50-250	35	83	30	2900	36	21.99		80	50
	50	80	37		45	24.22			
	65	72	45		47	27.13			
80-50-315	35	128	45	2900	28	43.60			
	50	125	55		40	42.57			
	65	122	75		43	50.25			
100-80-125	70	23.5	11	2900	53	8.46			80
	100	20	15		59	9.24			
	130	14	18.5		57	8.70			
100-80-160	70	36.5	18.5	2900	48	14.50	4		
	100	32	22		57	15.30			
	130	24	30		57	14.91			
100-65-200	70	54	30	2900	51	20.20		100	
	100	50	37		56	24.33			
	130	42	45		59	25.22			
100-65-250	70	82	45	2900	45	34.76			65
	100	80	55		56	38.93			
	130	78	75		55	50.24			
100-65-315	70	132	75	2900	36	69.94			
	100	125	90		50	68.12			
	130	114	110		52	77.66			
125-125-125	120	22.6	15	2900	64	11.55			125
	200	20	18.5		64	17.03			
	240	17	22		64	17.37			
125-80-160	120	36	22	2900	61	19.30	4.5	125	80
	200	32	30		61	28.59			
	240	28	37		61	30.02			
125-100-200	120	55	37	2900	56	32.11			100
	200	50	45		65	41.92			
	240	46	55		60	50.14			

型 号 Model No	流 量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power	汽蚀余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 Outlet
125-100-250	120	87	90	2900	50	56.89	4.5	125	100
	200	80	110		56	77.85			
	240	73	132		58	85.25			
125-100-315	120	132	132	2900	40	107.90	4.5	125	100
	200	125	132		58	117.45			
	240	120	132		64	122.62			
125-100-400	60	52	37	1450	36	23.61	3.4	150	125
	100	50	37		43	31.68			
	120	48.5	37		50	31.72			
150-125-250	120	24.8	18.5	1450	54	15.02	3.4	150	125
	200	20	22		65	16.77			
	240	15	30		58	17.52			
150-125-315	120	36.3	30	1450	51	23.27	3.6	150	125
	200	32	37		58	30.07			
	240	28.5	45		58	32.13			
150-125-400	120	53	45	1450	49	35.37	4	200	150
	200	50	55		53	51.41			
	240	44	75		53	54.29			
200-150-250	240	23	37	1450	53	28.38	3.5	200	150
	400	20	45		65	33.54			
	460	18	55		62	36.39			
200-150-315	240	35.6	55	1450	55	42.33	3	200	150
	400	32	75		67	52.06			
	460	29	90		65	55.92			
200-150-400	240	55.8	75	1450	55	66.35	3	200	150
	400	50	90		66	82.57			
	460	47	110		63	93.51			
250-200-400	390	55	160	1450	59	99.06	3	250	200
	650	52	160		68	135.44			
	780	44	160		69	135.53			

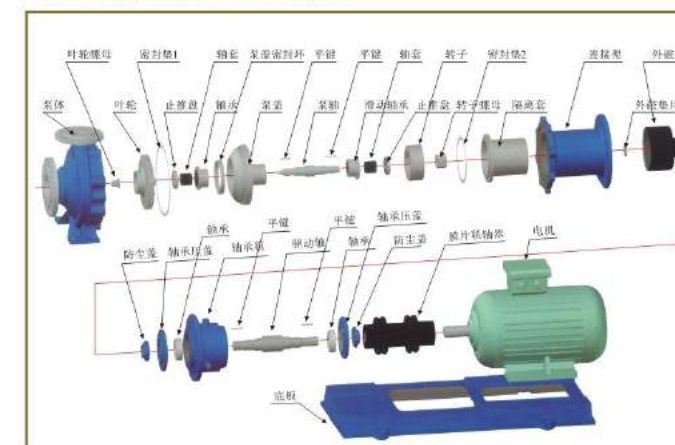
三维图及材质结构图

Three dimensional figure and material structure

NMQ

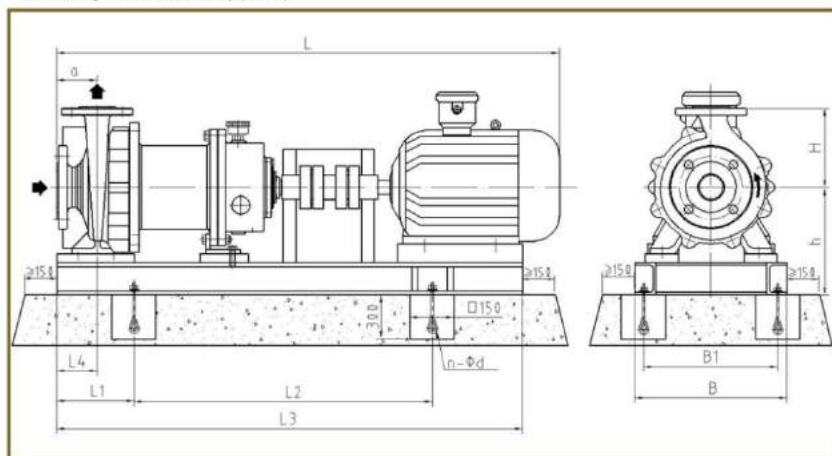


NMQG/NMQL



安装尺寸 Installation dimensions

NMQL, NMQG 安装尺寸



型 号 Model No	电机功率(kW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
32-20-125	1.1	865	65	125	600	850	65	280	400	240	120	4-Φ15
	1.5	918	65	125	600	850	65	280	400	240	120	4-Φ15
	2.2	948	65	125	600	850	65	280	400	240	120	4-Φ15
32-20-160	1.5	920	65	150	600	870	65	390	350	160	235	4-Φ15
	2.2	950	65	150	600	870	65	390	350	160	235	4-Φ15
	3	995	65	150	500	870	65	380	340	160	235	4-Φ15
32-32-200	4	1086	75	170	660	1000	60	440	400	170	260	4-Φ15
	5.5	1126	75	170	660	1000	60	440	400	170	260	4-Φ15
	7.5	1126	75	170	660	1000	60	440	400	170	260	4-Φ15
40-25-125	1.5	918	65	125	600	850	65	280	240	120	240	4-Φ15
	2.2	950	65	125	600	850	65	280	240	120	240	4-Φ15
	3	995	65	125	600	850	65	280	240	120	240	4-Φ15
40-25-160	2.2	1016.5	80	150	600	900	60	390	350	160	232	4-Φ15
	3	1061.5	80	150	600	900	60	390	350	160	232	4-Φ15
	4	1096.5	80	150	600	900	60	390	350	160	232	4-Φ15
40-25-200	4	1132	80	170	660	1000	60	440	400	180	280	4-Φ15
	5.5	1172	80	170	660	1000	60	440	400	180	280	4-Φ15
	7.5	1172	80	170	660	1000	60	440	400	180	280	4-Φ15

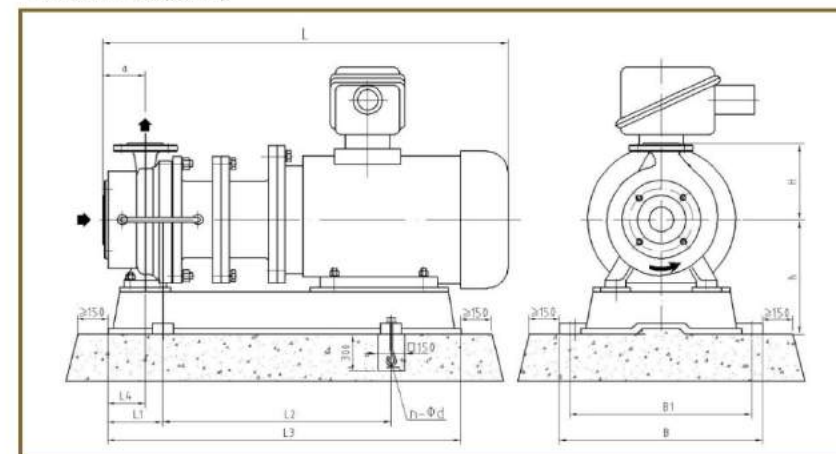
型 号 Model No	电机功率(kW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
40-40-250	11	1357	90	190	740	1170	75	480	440	200	300	4-Φ19
	15	1357	90	190	740	1170	75	480	440	200	300	4-Φ19
	18.5	1392	90	190	740	1170	75	480	440	200	300	4-Φ19
50-32-125	3	1061	80	150	600	940	60	390	350	140	232	4-Φ15
	4	1096	80	150	600	940	60	390	350	140	232	4-Φ15
	5.5	1136	80	150	600	940	60	390	350	140	232	4-Φ15
50-32-160	4	1096	80	150	600	900	60	390	350	160	232	4-Φ15
	5.5	1136	80	150	600	940	60	390	350	160	232	4-Φ15
	7.5	1136	80	150	600	940	60	390	350	160	232	4-Φ15
50-32-200	5.5	1172	80	170	660	1000	60	440	400	180	280	4-Φ15
	7.5	1172	80	170	660	1000	60	440	400	180	280	4-Φ15
	11	1356	80	190	740	1170	60	480	440	180	280	4-Φ15
50-32-250	15	1520	100	205	840	1350	75	530	490	225	300	4-Φ19
	18.5	1555	100	205	840	1350	75	530	490	225	300	4-Φ19
	22	1595	100	205	840	1350	75	530	490	225	300	4-Φ19
65-50-125	4	1096	80	150	600	940	60	390	350	140	232	4-Φ15
	5.5	1096	80	150	600	940	60	390	350	140	232	4-Φ15
	7.5	1096	80	150	600	940	60	390	350	140	232	4-Φ15
65-50-160	5.5	1136.5	80	150	600	940	60	390	350	160	232	4-Φ15
	7.5	1136.5	80	150	600	940	60	390	350	160	232	4-Φ15
	11	1321.5	80	190	740	1120	60	480	440	160	280	4-Φ15
65-40-200	11	1376	100	190	740	1180	70	480	440	180	280	4-Φ19
	15	1376	100	190	740	1180	70	480	440	180	280	4-Φ19
	18.5	1412	100	190	740	1180	70	480	440	180	280	4-Φ19
65-40-250	22	1595	100	230	940	1400	75	590	550	225	345	4-Φ19
	30	1665	100	230	940	1400	75	590	550	225	345	4-Φ19
	37	1665	100	230	940	1400	75	590	550	225	345	4-Φ19
80-65-125	5.5	1156.5	100	150	600	940	60	390	350	160	232	4-Φ15
	7.5	1156.5	100	150	600	940	60	390	350	160	232	4-Φ15
	11	1341.5	100	190	740	1120	60	480	440	160	280	4-Φ15
80-65-160	11	1376	100	190	740	1180	70	480	440	180	280	4-Φ19
	15	1376	100	190	740	1180	70	480	440	180	280	4-Φ19
	18.5	1410	100	190	740	1180	70	480	440	180	280	4-Φ19
80-50-200	18.5	1412	100	190	740	1200	70	480	440	200	320	4-Φ19
	22	1452	100	190	740	1200	70	480	440	200	320	4-Φ19
	30	1522	100	200	840	1300	70	530	490	200	320	4-Φ19
80-50-250	30	1690	125	230	940	1480	75	590	550	225	345	4-Φ19
	37	1690	125	230	940	1480	75	590	550	225	345	4-Φ19
	45	1724	125	230	940	1480	75	590	550	225	345	4-Φ19

型 号 Model No	电机功率(KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
100-80-125	11	1341	100	190	740	1160	75	480	440	180	280	4-Φ19
	15	1341	100	190	740	1160	75	480	440	180	280	4-Φ19
	18.5	1376	100	190	740	1160	75	480	440	180	280	4-Φ19
100-80-160	18.5	1422	100	205	840	1220	75	530	490	200	320	4-Φ19
	22	1462	100	205	840	1220	75	530	490	200	320	4-Φ19
	30	1532	100	205	840	1320	75	530	490	200	320	4-Φ19
100-65-200	30	1665	100	230	940	1480	75	590	550	225	345	4-Φ19
	37	1665	100	230	940	1480	75	590	550	225	345	4-Φ19
	45	1700	100	230	940	1480	75	590	550	225	345	4-Φ19
100-65-250	45	1725	125	230	940	1500	90	590	550	250	370	4-Φ19
	55	1815	125	230	940	1500	90	590	550	250	370	4-Φ19
	75	1885	125	300	1200	1700	90	620	570	250	440	4-Φ19
125-125-125	15	1550	130	205	840	1350	75	520	480	250	300	4-Φ19
	18.5	1585	130	205	840	1350	75	520	480	250	300	4-Φ19
	22	1625	130	205	840	1350	75	520	480	250	300	4-Φ19
125-80-160	22	1623	125	230	940	1380	75	590	550	225	345	4-Φ19
	30	1693	125	230	940	1480	75	590	550	225	345	4-Φ19
	37	1693	125	230	940	1480	75	590	550	225	345	4-Φ19
125-100-200	45	1725	125	230	940	1500	90	590	550	250	370	4-Φ19
	55	1815	125	230	940	1500	90	590	550	250	370	4-Φ19
	75	1394	125	300	1200	1700	90	620	570	250	440	4-Φ19
150-125-250	18.5KW-4	1827	140	270	1060	1650	90	640	600	355	415	4-Φ19
	22KW-4	1877	140	270	1060	1650	90	640	600	355	415	4-Φ19
	30KW-4	1897	140	270	1060	1650	90	640	600	355	415	4-Φ19
	37KW-4	1897	140	270	1060	1750	110	640	600	355	415	4-Φ19
150-125-315	37KW-4	1937	140	270	1060	1750	110	640	600	355	415	4-Φ19
	45KW-4	1962	140	270	1060	1750	110	640	600	355	415	4-Φ19
	45KW-4	1947	140	300	1200	1850	110	640	600	400	435	4-Φ19
150-125-400	55KW-4	2007	140	300	1200	1850	110	640	600	400	435	4-Φ19
	75KW-4	2077	140	300	1200	1850	110	640	600	400	435	4-Φ19
	75KW-4	2077	140	300	1200	1850	110	640	600	400	435	4-Φ19
200-150-250	37KW-4	1955	160	270	1060	1750	110	640	600	375	415	4-Φ19
	45KW-4	1980	160	270	1060	1750	110	640	600	375	415	4-Φ19
	55KW-4	2040	160	270	1060	1750	110	640	600	375	415	4-Φ19
	55KW-4	2058	160	250	2-700	1920	110	720	670	400	475	4-Φ23
200-150-315	75KW-4	2128	160	250	2-700	1920	110	720	670	400	475	4-Φ23
	90KW-4	2178	160	250	2-700	1920	110	720	670	400	475	4-Φ23
	75KW-4	2120	160	250	2-800	1920	110	720	670	450	495	4-Φ23
200-150-400	90KW-4	2170	160	250	2-800	1920	110	720	670	450	495	4-Φ23
	110KW-4	2425	160	250	2-800	1920	110	720	670	450	495	4-Φ23



安装尺寸 Installation dimensions

NMQEW 安装尺寸



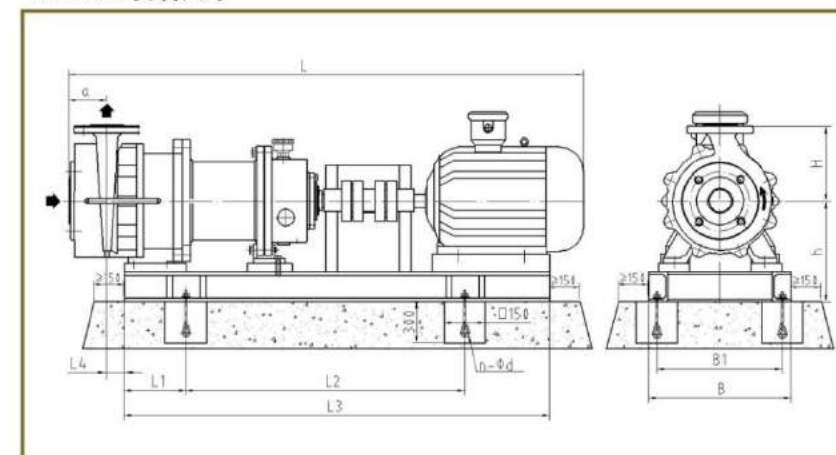
型 号 Model No	电机功率(KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
32-20-125	1.1	626	65	65	395	550	21	340	285	120	170	4-Φ15
	1.5	650	65	65	395	550	21	340	285	120	170	4-Φ15
	2.2	680	65	65	395	550	21	340	285	120	170	4-Φ15
32-20-160	1.5	651	65	65	395	550	19	340	285	160	200	4-Φ15
	2.2	681	65	65	395	550	19	340	285	160	200	4-Φ15
	3	731	65	65	395	550	19	340	285	160	200	4-Φ15
32-32-200	4	778	75	80	400	680	75	390	350	170	228	4-Φ15
	5.5	778	75	100	440	690	75	400	345	170	240	4-Φ15
	7.5	778	75	100	440	690	75	400	345	170	240	4-Φ15
40-25-125	1.5	650	65	65	395	550	21	340	285	120	170	4-Φ15
	2.2	680	65	65	395	550	21	340	285	120	170	4-Φ15
	3	730	65	65	395	550	21	340	285	120	170	4-Φ15
40-25-160	2.2	714	80	80	400	680	80	390	350	160	200	4-Φ19
	3	764	80	80	400	680	80	390	350	160	200	4-Φ19
	4	789	80	80	400	680	80	390	350	160	200	4-Φ19
40-25-200	4	793	80	80	400	680	75	390	350	180	228	4-Φ19
	5.5	803	80	100	440	690	75	400	340	180	240	4-Φ19
	7.5	803	80	100	440	690	75	400	340	180	240	4-Φ19

型 号 Model No	电机功率(KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
50-32-125	3	764	80	80	400	680	70	390	350	140	180	4-Φ19
	4	790	80	80	400	680	70	390	350	140	180	4-Φ19
	5.5	800	80	100	440	690	70	400	345	140	212	4-Φ19
50-32-160	4	788	80	80	400	680	80	390	350	160	200	4-Φ19
	5.5	799	80	100	440	690	80	400	345	160	212	4-Φ19
	7.5	799	80	100	440	690	80	400	345	160	212	4-Φ19
50-32-200	5.5	803	80	100	440	690	75	400	345	180	240	4-Φ19
	7.5	803	80	100	440	690	75	400	345	180	240	4-Φ19
	11	1063	80	125	550	860	75	440	390	180	240	4-Φ19
50-32-250	15	1128	100	125	550	860	88	440	390	225	260	4-Φ19
	18.5	1158	100	125	670	980	88	520	460	225	280	4-Φ19
	22	1128	100	125	670	980	88	520	460	225	280	4-Φ19
65-50-125	4	790	80	80	400	680	70	390	350	140	180	4-Φ19
	5.5	800	80	100	440	690	70	400	345	140	212	4-Φ19
	7.5	800	80	100	440	690	70	400	345	140	212	4-Φ19
65-50-160	5.5	799	80	100	440	690	80	400	345	160	212	4-Φ19
	7.5	799	80	100	440	690	80	400	345	160	212	4-Φ19
	11	1060	80	125	550	860	95	440	390	160	240	4-Φ19
65-40-200	11	1098	100	125	550	840	80	440	385	180	232	4-Φ19
	15	1098	100	125	550	840	80	440	385	180	232	4-Φ19
	18.5	1128	100	125	550	840	80	440	385	180	232	4-Φ19
65-40-250	22	1147	100	125	670	980	88	520	460	225	280	4-Φ19
	30	1232	100	125	670	980	78	520	460	225	320	4-Φ19
	37	1232	100	125	670	980	78	520	460	225	320	4-Φ19
80-65-125	5.5	820	100	100	440	690	80	400	345	160	212	4-Φ19
	7.5	820	100	100	440	690	80	400	345	160	212	4-Φ19
	11	1080	100	125	550	860	95	440	390	160	240	4-Φ19
80-65-160	11	1096	100	125	550	840	80	440	385	180	232	4-Φ19
	15	1096	100	125	550	840	80	440	385	180	232	4-Φ19
	18.5	1126	100	125	550	840	80	440	385	180	232	4-Φ19
80-50-200	18.5	1128	100	125	550	860	75	440	390	200	240	4-Φ19
	22	1098	100	125	670	980	90	520	460	200	280	4-Φ19
	30	1183	100	125	670	980	90	520	460	200	280	4-Φ19
80-50-250	30	1257	125	125	670	980	78	520	460	225	320	4-Φ19
	37	1257	125	125	670	980	78	520	460	225	320	4-Φ19
	45	1297	125	150	785	1130	92	620	570	225	345	4-Φ19
100-80-125	11	1094	100	125	550	840	92.5	440	385	180	232	4-Φ19
	15	1094	100	125	550	840	92.5	440	385	180	232	4-Φ19
	18.5	1124	100	125	550	840	92.5	440	385	180	232	4-Φ19

型 号 Model No	电机功率(KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φd
100-80-160	18.5	1136	100	125	550	860	77.5	440	390	200	240	4-Φ19
	22	1106	100	125	670	980	87.5	520	460	200	280	4-Φ19
	30	1192	100	125	670	980	87.5	520	460	200	300	4-Φ19
100-65-200	30	1232	100	125	670	980	78	520	460	225	320	4-Φ19
	37	1232	100	125	670	980	78	520	460	225	320	4-Φ19
	45	1272	100	150	785	1100	92	620	570	225	345	4-Φ19
100-65-250	45	1297	125	150	785	1130	105	620	570	250	345	4-Φ19
	55	1382	125	150	785	1130	105	620	570	250	370	4-Φ19
	75	1442	125	150	785	1180	105	650	600	250	440	4-Φ19
125-80-160	22	1173	125	125	670	980	88	520	460	225	320	4-Φ19
	30	1258	125	150	785	1100	92	620	570	225	320	4-Φ19
	37	1258	125	150	785	1100	92	620	570	225	320	4-Φ19

安装尺寸 Installation dimensions

NMLEW 安装尺寸

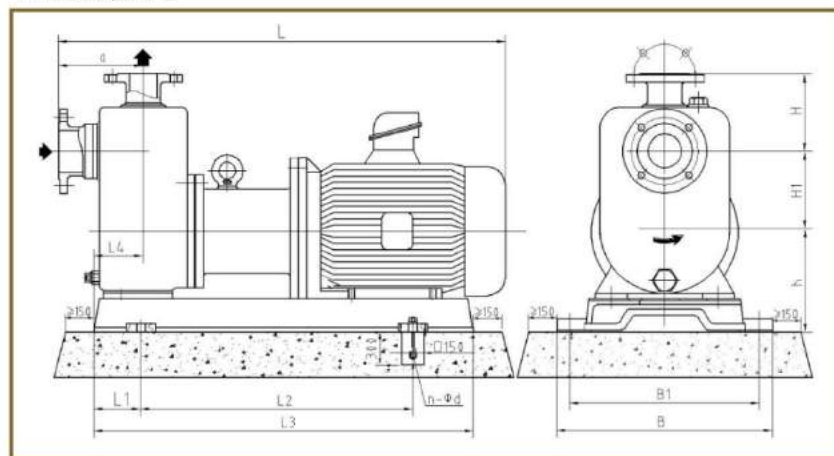


型 号 Model No	电机功率 (KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φ d
32-20-125	1.1	931	65	125	600	825	30	280	240	120	240	4-Φ 15
	1.5	986	65	125	600	825	30	280	240	120	240	4-Φ 15
	2.2	1016	65	125	600	825	30	280	240	120	240	4-Φ 15
32-20-160	1.5	985	65	150	600	930	65	390	350	160	245	4-Φ 15
	2.2	1015	65	150	600	930	65	390	350	160	245	4-Φ 15
	3	1061	65	150	600	930	65	390	350	160	245	4-Φ 15
32-32-200	4	1118	75	170	660	1000	60	440	400	170	260	4-Φ 15
	5.5	1158	75	170	660	1000	60	440	400	170	260	4-Φ 15
	7.5	1158	75	170	660	1000	60	440	400	170	260	4-Φ 15
40-25-125	1.5	986	65	125	600	825	30	280	240	120	240	4-Φ 15
	2.2	986	65	125	600	825	30	280	240	120	240	4-Φ 15
	3	1061	65	125	600	850	30	280	240	120	240	4-Φ 15
40-25-160	2.2	1050	80	150	600	940	60	390	350	180	232	4-Φ 15
	3	1095	80	150	600	940	60	390	350	180	232	4-Φ 15
	4	1095	80	150	600	940	60	390	350	180	232	4-Φ 15
40-25-200	4	1165	80	170	660	1030	60	440	400	180	280	4-Φ 15
	5.5	1205	80	170	660	1030	60	440	400	180	280	4-Φ 15
	7.5	1205	80	170	660	1030	60	440	400	180	280	4-Φ 15
50-32-125	3	1095	80	150	600	940	60	390	350	140	232	4-Φ 15
	4	1130	80	150	600	940	60	390	350	160	232	4-Φ 15
	5.5	1170	80	150	600	980	55	390	350	180	232	4-Φ 15
50-32-160	4	1130	80	150	600	940	60	390	350	180	232	4-Φ 15
	5.5	1170	80	150	600	980	60	390	350	180	232	4-Φ 15
	7.5	1170	80	150	600	980	60	390	350	180	232	4-Φ 15
50-32-200	5.5	1205	80	170	660	1030	60	440	400	180	280	4-Φ 15
	7.5	1205	80	170	660	1030	60	440	400	180	280	4-Φ 15
	11	1390	80	190	740	1210	60	480	440	180	280	4-Φ 15
50-32-250	15	1548	100	205	840	1380	75	530	390	225	300	4-Φ 19
	18.5	1584	100	205	840	1380	75	530	390	225	300	4-Φ 19
	22	1624	100	205	840	1380	75	530	390	225	300	4-Φ 19
65-50-125	4	1130	80	150	600	940	60	390	350	180	232	4-Φ 15
	5.5	1170	80	150	600	980	60	390	350	180	232	4-Φ 15
	7.5	1170	80	150	600	980	60	390	350	180	232	4-Φ 15
65-50-160	5.5	1170	80	150	600	985	60	390	350	180	232	4-Φ 15
	7.5	1170	80	150	600	985	60	390	350	180	232	4-Φ 15
	11	1355	80	190	740	1155	60	480	440	180	280	4-Φ 15
65-40-200	11	1425	100	190	740	1230	60	480	440	180	280	4-Φ 15
	15	1425	100	190	740	1230	60	480	440	180	280	4-Φ 15
	18.5	1460	100	190	740	1230	60	480	440	180	280	4-Φ 15

型 号 Model No	电机功率 (KW)	L	a	L1	L2	L3	L4	B	B1	H	h	n-Φ d
65-40-250	22	1643	100	230	940	1450	75	590	550	225	345	4-Φ 19
	30	1713	100	230	940	1530	75	590	550	225	345	4-Φ 19
	37	1713	100	230	940	1530	75	590	550	225	345	4-Φ 19
80-65-125	5.5	1190	100	150	600	985	60	390	350	160	232	4-Φ 15
	7.5	1190	100	150	600	985	60	390	350	160	232	4-Φ 15
	11	1375	100	190	740	1150	60	480	440	160	280	4-Φ 15
80-65-160	11	1096	100	125	550	840	80	440	385	180	232	4-Φ 19
	15	1096	100	125	550	840	80	440	385	180	232	4-Φ 19
	18.5	1460	100	190	740	1230	60	480	440	180	280	4-Φ 15
80-50-200	18.5	1460	100	190	740	1250	60	480	440	200	320	4-Φ 15
	22	1500	100	190	740	1250	60	480	440	200	320	4-Φ 15
	30	1570	100	205	840	1350	60	530	490	200	320	4-Φ 15
80-50-250	30	1738	125	230	940	1530	75	590	550	225	345	4-Φ 19
	37	1738	125	230	940	1530	75	590	550	225	345	4-Φ 19
	45	1773	125	230	940	1530	75	590	550	225	345	4-Φ 19
100-80-125	11	1390	100	190	740	1210	75	480	440	180	280	4-Φ 15
	15	1390	100	190	740	1210	75	480	440	180	280	4-Φ 15
	18.5	1425	100	190	740	1210	75	480	440	180	280	4-Φ 15
100-80-160	18.5	1470	100	205	840	1270	75	530	490	200	320	4-Φ 19
	22	1510	100	205	840	1270	75	530	490	200	320	4-Φ 19
	30	1580	100	205	840	1270	75	530	490	200	320	4-Φ 19
100-65-200	30	1713	100	230	940	1530	75	590	550	225	345	4-Φ 19
	37	1713	100	230	940	1530	75	590	550	225	345	4-Φ 19
	45	1748	100	230	940	1530	75	590	550	225	345	4-Φ 19
100-65-250	45	1773	125	230	940	1550	90	590	550	250	370	4-Φ 19
	55	1863	125	230	940	1550	90	590	550	250	370	4-Φ 19
	75	1933	125	300	1200	1750	90	620	570	250	440	4-Φ 23
125-80-160	22	1669	125	230	940	1430	75	590	550	225	345	4-Φ 19
	30	1739	125	230	940	1530	75	590	550	225	345	4-Φ 19
	37	1739	125	230	940	1530	75	590	550	225	345	4-Φ 19

安装尺寸
Installation dimensions

NMZ 安装尺寸

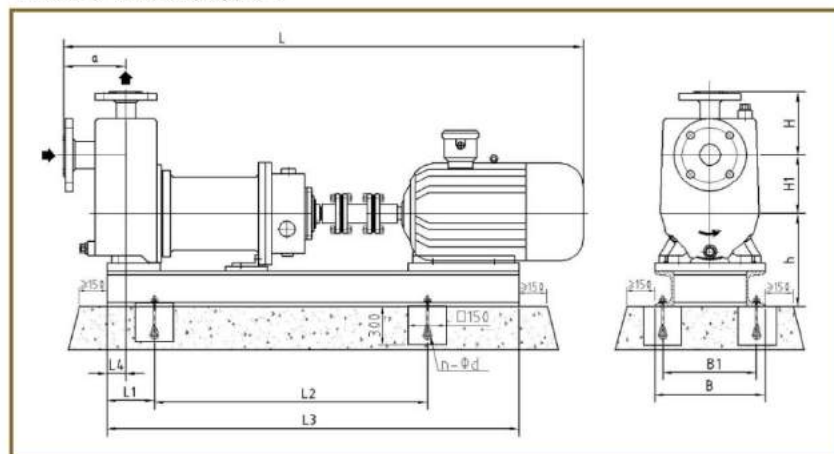


型 号 Model No	电机功率 kW	L	a	L1	L2	L3	L4	B	B1	H	H1	h	n-Φd
32-20-125	1.1	651	115	65	395	550	66.5	340	285	120	125	180	4-Φ15
	1.5	676	115	65	395	550	66.5	340	285	120	125	180	4-Φ15
	2.2	706	115	65	395	550	66.5	340	285	120	125	180	4-Φ15
32-20-160	1.5	671	110	65	395	550	66.5	340	285	120	146	182	4-Φ15
	2.2	701	110	65	395	550	66.5	340	285	120	146	182	4-Φ15
	3	751	110	80	400	680	66.5	390	350	120	146	200	4-Φ15
32-32-200	4	846	135	80	400	680	70	390	350	120	190	228	4-Φ19
	5.5	856	135	100	440	690	75	400	345	120	190	240	4-Φ19
	7.5	856	135	100	440	690	75	400	345	120	190	240	4-Φ19
40-25-125	1.5	681	120	65	395	550	66	340	285	130	120	180	4-Φ15
	2.2	711	120	65	395	550	66	340	285	130	120	180	4-Φ15
	3	760	120	80	400	680	66	390	350	130	120	198	4-Φ19
40-25-160	2.2	755	135	80	400	680	62	390	350	130	175	200	4-Φ19
	3	804	135	80	400	680	62	390	350	130	175	200	4-Φ19
	4	829	135	80	400	680	62	390	350	130	175	200	4-Φ19
40-25-200	4	852	145	100	440	690	47	400	345	130	205	228	4-Φ19
	5.5	862	145	100	440	690	47	400	345	130	205	240	4-Φ19
	7.5	862	145	100	440	690	47	400	345	130	205	240	4-Φ19

型 号 Model No	电机功率 kW	L	a	L1	L2	L3	L4	B	B1	H	H1	h	n-Φd
50-32-125	3	809	140	80	400	680	70	390	350	142	132	180	4-Φ19
	4	834	140	80	400	680	70	390	350	142	132	180	4-Φ19
	5.5	844	140	100	440	690	70	400	345	142	132	212	4-Φ19
50-32-160	4	834	135	80	400	680	62	390	350	142	168	200	4-Φ19
	5.5	844	135	100	440	690	62	400	345	142	168	212	4-Φ19
	7.5	844	135	100	440	690	62	400	345	142	168	212	4-Φ19
50-32-200	5.5	868	150	100	440	690	47	400	345	142	198	240	4-Φ19
	7.5	868	150	100	440	690	47	400	345	142	198	240	4-Φ19
	11	1128	150	125	550	860	47	440	390	142	198	240	4-Φ19
65-50-125	4	839	140	80	400	680	70	390	350	162	122	180	4-Φ19
	5.5	849	140	70	440	690	70	400	345	162	122	212	4-Φ19
	7.5	849	140	70	440	690	70	400	345	162	122	212	4-Φ19
65-50-160	5.5	856	148	100	440	690	58	400	345	162	158	212	4-Φ19
	7.5	856	148	100	440	690	58	400	345	162	158	212	4-Φ19
	11	1116	148	125	550	860	58	440	390	162	158	212	4-Φ19
65-40-200	11	1202	190	125	550	840	17	440	385	158	218	232	4-Φ19
	15	1202	190	125	550	840	17	440	385	158	218	232	4-Φ19
	18.5	1232	190	125	550	840	17	440	385	158	218	232	4-Φ19
65-40-250	22	1260	200	125	670	980	25	520	480	158	248	280	4-Φ19
	30	1346	200	125	670	980	25	520	480	158	248	320	4-Φ19
	37	1346	200	125	670	980	25	520	480	158	248	320	4-Φ19
80-65-125	5.5	922	185	100	440	690	29	400	345	175	225	212	4-Φ19
	7.5	922	185	100	440	690	29	400	345	175	225	212	4-Φ19
	11	1182	185	125	550	860	44	440	390	175	225	240	4-Φ19
80-65-160	11	1187	185	125	550	840	27	440	385	175	230	232	4-Φ19
	15	1187	185	125	550	840	27	440	385	175	230	232	4-Φ19
	18.5	1217	185	125	550	840	27	440	385	175	230	232	4-Φ19
80-50-200	18.5	1238	190	125	550	860	7	440	390	170	210	240	4-Φ19
	22	1208	190	125	670	980	22	520	480	170	210	280	4-Φ19
	30	1238	190	125	670	980	22	520	480	170	210	300	4-Φ19
100-80-125	11	1199	200	125	550	840	40	440	385	190	220	232	4-Φ19
	15	1199	200	125	550	840	40	440	385	190	220	232	4-Φ19
	18.5	1229	200	125	550	840	40	440	385	190	220	232	4-Φ19
100-80-160	18.5	1232	200	125	550	860	87.5	440	390	190	220	240	4-Φ19
	22	1202	200	125	670	980	87.5	520	480	190	220	280	4-Φ19
	30	1288	200	125	670	980	87.5	520	480	190	220	300	4-Φ19
100-65-200	30	1365	220	125	670	980	28	520	480	185	210	320	4-Φ19
	37	1365	220	125	670	980	28	520	480	185	210	320	4-Φ19
	45	1408	220	150	785	1100	32	620	570	185	210	320	4-Φ19

安装尺寸 Installation dimensions

NMZL、NMZG 安装尺寸



型 号 Model No	电机功率 kW	L	a	L1	L2	L3	L4	B	B1	H	H1	h	n-Φd
32-20-125	1.1	956	115	125	600	900	62	280	240	120	125	240	4-Φ15
	1.5	1011	115	125	600	900	62	280	240	120	125	240	4-Φ15
	2.2	1041	115	125	600	900	62	280	240	120	125	240	4-Φ15
32-20-160	1.5	1006	110	125	600	900	62	280	240	120	146	240	4-Φ15
	2.2	1036	110	150	600	900	62	390	350	120	146	240	4-Φ15
	3	1081	110	150	600	900	62	390	350	120	146	240	4-Φ15
32-32-200	4	1186	135	170	660	1000	60	440	400	120	190	260	4-Φ15
	5.5	1226	135	170	660	1000	60	440	400	120	190	260	4-Φ15
	7.5	1226	135	170	660	1000	60	440	400	120	190	260	4-Φ15
40-25-125	1.5	1016	120	125	600	900	62	280	240	130	120	240	4-Φ15
	2.2	1046	120	125	600	900	62	280	240	130	120	240	4-Φ15
	3	1091	120	125	600	900	62	280	240	130	120	240	4-Φ15
40-25-160	2.2	1089.5	135	150	600	900	60	390	350	130	175	232	4-Φ15
	3	1134.5	135	150	600	900	60	390	350	130	175	232	4-Φ15
	4	1169.5	135	150	600	900	60	390	350	130	175	232	4-Φ15
40-25-200	4	1225	145	170	660	1000	32	440	400	130	205	280	4-Φ15
	5.5	1265	145	170	660	1000	32	440	400	130	205	280	4-Φ15
	7.5	1265	145	170	660	1000	32	440	400	130	205	280	4-Φ15

型 号 Model No	电机功率 kW	L	a	L1	L2	L3	L4	B	B1	H	H1	h	n-Φd
50-32-125	3	1139	135	150	600	900	42	390	350	130	175	232	4-Φ15
	4	1174	135	150	600	900	42	390	350	130	175	232	4-Φ15
	5.5	1214	135	150	600	900	42	390	350	130	175	232	4-Φ15
50-32-160	4	1174.5	135	150	600	900	42	390	350	130	175	232	4-Φ15
	5.5	1214.5	135	150	600	900	42	390	350	130	175	232	4-Φ15
	7.5	1214.5	135	150	600	900	42	390	350	130	175	232	4-Φ15
50-32-200	5.5	1270	150	170	660	1000	32	440	400	142	198	280	4-Φ15
	7.5	1270	150	170	660	1000	32	440	400	142	198	280	4-Φ15
	11	1455	150	190	740	1170	32	480	440	142	198	280	4-Φ15
65-50-125	4	1179	135	150	600	900	42	390	350	162	122	232	4-Φ15
	5.5	1219	135	150	600	900	42	390	350	162	122	232	4-Φ15
	7.5	1219	135	150	600	900	42	390	350	162	122	232	4-Φ15
65-50-160	5.5	1226.5	148	150	600	940	38	390	350	162	158	232	4-Φ15
	7.5	1226.5	148	150	600	940	38	390	350	162	158	232	4-Φ15
	11	1411.5	148	190	740	1120	38	480	440	162	158	232	4-Φ15
65-40-200	11	1530	190	190	740	1160	4	480	440	158	218	280	4-Φ19
	15	1530	190	190	740	1160	4	480	440	158	218	280	4-Φ19
	18.5	1565	190	190	740	1160	4	480	440	158	218	280	4-Φ19
65-40-250	22	1758	200	230	940	1400	12	590	550	158	248	345	4-Φ19
	30	1828	200	230	940	1480	12	590	550	158	248	345	4-Φ19
	37	1828	200	230	940	1480	12	590	550	158	248	345	4-Φ19
80-65-125	5.5	1292.5	185	150	600	940	9	390	350	175	225	232	4-Φ18
	7.5	1292.5	185	150	600	940	9	390	350	175	225	232	4-Φ18
	11	1477.5	185	190	740	1120	9	480	440	175	225	232	4-Φ18
80-65-160	11	1514	185	190	740	1160	7	480	440	175	230	280	4-Φ19
	15	1514	185	190	740	1160	7	480	440	175	230	280	4-Φ19
	18.5	1549	185	190	740	1160	7	480	440	175	230	280	4-Φ19
80-50-200	18.5	1570	190	190	740	1200	8	480	440	170	220	320	4-Φ19
	22	1610	190	190	740	1200	8	480	440	170	220	320	4-Φ19
	30	1680	190	190	740	1200	8	480	440	170	220	320	4-Φ19
100-80-125	11	1494	200	190	740	1160	22	480	440	190	220	232	4-Φ19
	15	1494	200	190	740	1160	22	480	440	190	220	232	4-Φ19
	18.5	1529	200	190	740	1160	22	480	440	190	220	232	4-Φ19
100-80-160	18.5	1565	200	205	840	1220	75	530	490	190	220	320	4-Φ19
	22	1605	200	205	840	1220	75	530	490	190	220	320	4-Φ19
	30	1675	200	205	840	1220	75	530	490	190	220	320	4-Φ19
100-65-200	30	1845	220	230	940	1480	15	590	550	185	210	345	4-Φ19
	37	1845	220	230	940	1480	15	590	550	185	210	345	4-Φ19
	45	1880	220	230	940	1480	15	590	550	185	210	345	4-Φ19

NWB

磁力旋涡泵

Magnetic Driven Vortex Pump



工作条件

Working Conditions

口径: 20-65mm
工作温度: -40℃~300℃
流量范围: 0.3m³/h~15m³/h
扬程范围: 12.5m~150m
材质范围: 不锈钢、钛合金、
哈氏合金等...

设计标准: API685

Pump Diameter: 25mm-65mm
Working Temperature: -40 ~300
Flow Capacity Range: 0.3m³/h-15m³/h
Pump Head Range: 12.5 m ~150m
Materials Range: Stainless Steel, Titanium Alloy,
Hastelloy Alloy etc.
Designed Standard: API 685

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送小流量、高扬程，中性或腐蚀性，低温或高温，易燃、易爆、易挥发、有毒、有害及贵重的清洁介质。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

Designed Instruction

NWB 磁力旋涡泵是本公司结合部分小流量高扬程工况研发的新型磁力泵产品。该系列泵采用磁力传动结构，无轴封，绝对无泄漏。产品特点有高扬程、小流量，结构简单、体积小、重量轻；自润滑回路，提高滑动轴承使用寿命；增设冷却回路，及时带走磁涡流热；设有叶轮轴向间隙调节机构，可随时调整间隙，确保泵的长期正常运转。

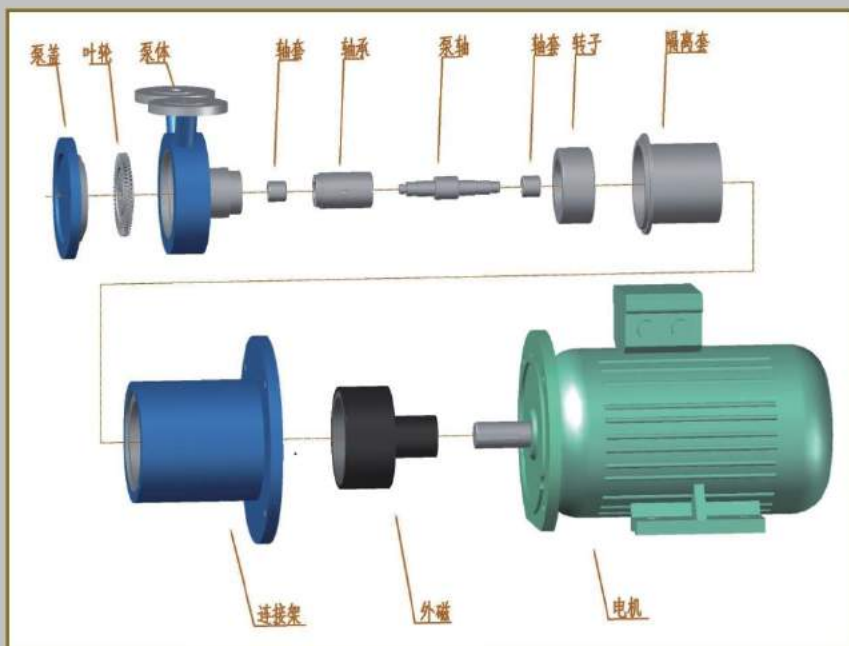
NWB Series Magnetic Driven Vortex Pump is our latest research & developed min flow capacity and high pump head (pressure) Chemical Pump. It is used magnet transmission structure, sealless type, absolutely without leakage. It have too much features of high pump head, min flow capacity, simply structure, small volume, light weight. The self-lubrication circuit can improve service life of the sliding bearing, if pump was added cooling circuit, it can timely take off magnetic eddy current heat power. If this pump was equipped with impeller axially gap regulating mechanism, it can be adjusted clearance at any time. To ensure entirely pump running in long time.

性能参数表

Performance parameters of the table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	效率 Efficiency (%)	允许吸上高度 Permissible Suction Height	轴功率 Shaft power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径 Diameter (mm)	进口 Inlet	出口 Outlet
NWB20-20	0.72	20	22	6	0.18	0.75	2900	20	20	20
NWB20-40	0.72	40	18	6	0.44	1.1	2900	20	20	20
NWB20-65	0.72	65	15	6	0.85	2.2	2900	20	20	20
NWB25-25	1.44	25	26	5	0.38	1.1	2900	25	25	25
NWB25-40	1.44	40	24	5	0.65	1.5	2900	25	25	25
NWB25-75	1.44	75	20	5	1.47	4	2900	25	25	25
NWB32-30	2.88	30	28	5	0.84	2.2	2900	32	32	32
NWB32-50	2.88	50	26	5	1.51	3	2900	32	32	32
NWB32-75	2.88	75	22	5	2.68	7.5	2900	32	32	32
NWB32-120	2.88	120	18	4.5	5.23	11	2900	32	32	32
NWB40-40	5.4	40	30	4	1.96	4	2900	40	40	40
NWB40-90	5.4	90	26	3.5	5.09	11	2900	40	40	40
NWB50-45	9	45	30	4	3.68	7.5	2900	50	50	50
NWB65-50	14.4	50	35	3.5	5.61	15	2900	65	65	65

三维图及材质结构图
Three dimensional figure and material structure



国家高企
南方泵业
安徽名牌

离心泵 Centrifugal Pump

国内专业衬氟离心泵生产基地

The professional Mass-Production Base of Fluorine Plastic Lining Centrifugal Pump in Domestic of China.

安徽南方化工泵业有限公司
ANHUI NANFANG CHEMICAL PUMP CO., LTD.

IHF

单级单吸衬氟化工离心泵

Single Stage Single Suction Lining Fluorine Plastic Chemical Centrifugal Pump



工作条件

Working Conditions

口径: 25-400mm
工作温度: -20℃~180℃
流量范围: 1.6-2600m³/h
扬程范围: 5m-130m
材质范围: 内衬F46、PFA
设计标准: GB/T9969.1 ISO5828

Pump Diameter: 25mm-400mm
Working Temperature: -20 ~180
Flow Capacity Range: 1.6 m³/h-2600m³/h
Pump Head Range: 5 m-130 m
Materials Range: Lining FEP(F46) PFA



运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.



产品用途

Pump Usage

输送不同浓度的硫酸、盐酸、硝酸、王水、氢氟酸、强碱、强氧化剂、还原剂、含氯离子等强腐蚀性的介质。可以耐不锈钢不足以抵抗其腐蚀的一切介质，代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。

Conveying different concentrations of sulfuric acid, hydrochloric acid, nitric acid and aqua regia, hydrofluoric acid, strong alkali, strong oxidizer, reductant, strong corrosive medium such as chlorine ion. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel alloy material, such as pump.



设计说明

Designed Instruction

IHF 单级单吸卧式氟塑料离心泵是按国际标准并结合非金属泵的工艺设计制造。泵体采用金属外壳内衬聚全氟乙丙烯(F46、PFA)，泵盖、叶轮和轴套均用金属嵌件外包氟塑料整体烧结压制而成，轴封采用外装式先进的波纹管机械密封，静环选用 99.9% 氧化铝陶瓷(或碳化硅)，动环采用四氟填充材料，其耐腐耐磨密封性极好。泵的进出口均采用铸钢体加固，以增强了泵的承压和耐压性能。实际使用显示，该泵具有耐腐、耐磨、耐高温、不老化的机械强度高、运转平稳、结构先进合理、密封性能严格可靠、拆卸检修方便、使用寿命长等优点。

IHF single-stage single-suction horizontal fluorine plastic centrifugal pump is according to the international standard and combined with non-metallic pump design and manufacturing process. Pump body adopts metal shell lining fep (F46, PFA), pump cover, impeller and shaft sleeve are fluorine plastic with metal insert outsourcing whole sintering suppression and become, shaft seal mounted outside using advanced bellows mechanical seal, static choose 99.9% alumina or silicon carbide rings, ring with four fluorine filling materials, its excellent corrosion resistant seal. Import and export of pump adopts cast steel reinforcement, in order to enhance the bearing gentle pressure on the performance of the pump. Practical use shows that the pump has corrosion resistance, abrasion resistance, high temperature resistant, not aging, high mechanical strength, smooth operation, reasonable structure, advanced, sealed performance is reliable, easy disassembly maintenance, long service life.



性能参数表

Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF40-25-125	4	23	1.5	2900	38%	0.7	2.5	40	25
	6	20			40%	0.8			
	8	18.5			42%	1.0			
	2	5.5	0.55	1450	30%	0.1	2.5		
	3	5			34%	0.1			
	4	4.5			35%	0.1			
IHF40-25-160	4	34	2.2	2900	31%	1.2	3		
	6	32			33%	1.6			
	8	28			37%	1.6			
	2	9	0.55	1450	24%	0.2	3		
	3	8			27%	0.2			
	4	7			29%	0.3			
IHF40-25-200	4	52	4	2900	22%	2.6	3		
	6	50			28%	2.9			
	8	48			32%	3.3			
	2	13.5	0.75	1450	20%	0.4	3		
	3	12.5			23%	0.4			
	4	12			25%	0.5			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
IHF40-25-250	4	82	7.5	2900	23%	3.9	4.5	40	25
	6	80			27%	4.8			
	8	78			30%	5.7			
	2	20.5	1.5	1450	22%	0.5	4.5		
	3	20			25%	0.7			
	4	19.5			28%	0.8			
IHF50-32-125	10	23	2.2	2900	51%	1.2	3	50	32
	12.5	20			55%	1.2			
	15	18.5			58%	1.3			
	5	5.5	0.55	1450	47%	0.2	3		
	6.3	5			50%	0.2			
	8	4.5			52%	0.2			
IHF50-32-160	10	34	4	2900	43%	2.2	3	50	32
	12.5	32			46%	2.1			
	15	28			48%	2.4			
	5	9	0.55	1450	39%	0.3	3		
	6.3	8			40%	0.3			
	8	7			42%	0.4			
IHF50-32-200	8	52	7.5	2900	37%	3.1	3	50	32
	12.5	50			39%	4.4			
	17	48			40%	5.6			
	5	13.5	1.1	1450	32%	0.6	3		
	6.3	12.5			33%	0.7			
	8	12			35%	0.7			
IHF50-32-250	10	82	15	2900	35%	6.4	4.5	50	32
	12.5	80			38%	7.2			
	15	78			41%	7.8			
	5	20.5	1.5	1450	32%	0.9	4.5		
	6.3	20			34%	1.0			
	8	19.5			36%	1.2			
IHF65-50-125	15	23	3	2950	60%	1.6	3.5	65	50
	25	20			62%	2.2			
	30	18.5			63%	2.4			
	7.5	5.5	0.55	1450	53%	2.0	3.5		
	12.5	5			54%	0.3			
	15	4.5			56%	0.3			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF65-50-160	15	34	5.5	2900	45%	3.1	3.5	65	50
	25	32			49%	4.4			
	30	28			50%	4.6			
	7.5	9	1.1	1450	48%	0.4	3.5		
	12.5	8			51%	0.5			
	15	7			53%	0.5			
IHF65-40-200	15	52	11	2900	50%	4.3	3.5		40
	25	50			52%	6.6			
	30	48			55%	7.1			
	7.5	13.5	1.5	1450	46%	0.6	3.5		
	12.5	12.5			48%	0.9			
	15	12			50%	1.0			
IHF65-40-250	15	82	18.5	2900	49%	6.8	3.5		
	25	80			51%	10.7			
	30	78			52%	12.3			
	7.5	20.5	3	1450	40%	1.0	3.5		
	12.5	20			43%	1.6			
	15	19.5			45%	1.8			
IHF80-65-125	40	23	5.5	2900	68%	3.7	4	80	65
	50	20			70%	3.9			
	60	18.5			72%	4.2			
	15	5.5	1.1	1450	64%	0.4	4		
	25	5			67%	0.5			
	30	4.5			68%	0.7			
IHF80-65-160	40	34	11	2900	64%	5.8	4		
	50	32			67%	6.5			
	60	28			69%	7.2			
	15	9	1.5	1450	60%	0.6	4		
	25	8			62%	0.9			
	30	7			63%	1.1			
IHF80-50-200	35	52	15	2900	60%	8.3	4	50	
	50	50			63%	10.8			
	60	48			65%	12.1			
	15	13.5	2.2	1450	54%	1.0	4		
	25	12.5			57%	1.5			
	30	12			60%	1.6			

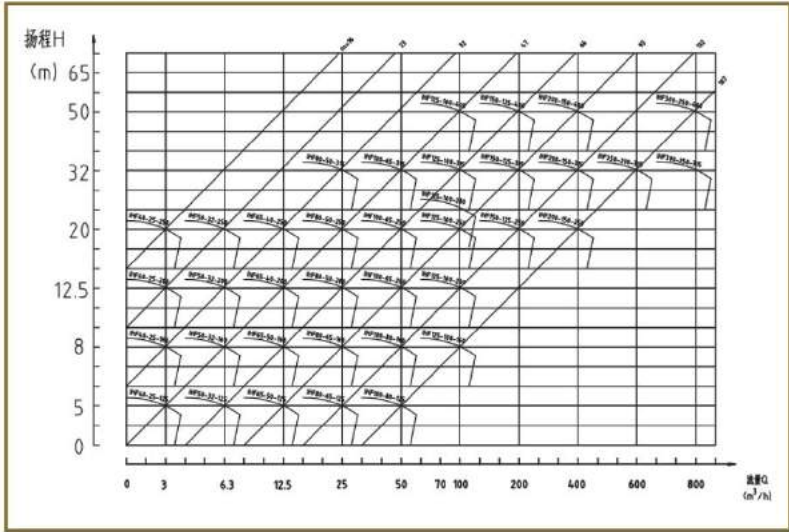
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF80-50-250	35	82	30	2900	50%	15.6	4.5	80	50
	50	80			54%	20.3			
	60	78			56%	22.8			
	15	20.5	5.5	1450	48%	1.7	4.5		
	25	20			51%	2.7			
	30	19.5			53%	3.8			
IHF80-50-315	40	127	37	2900	54%	25.6	5		
	50	125			56%	30.4			
	60	120			58%	33.8			
	15	34	7.5	1450	47%	3.0	5		
	25	32			51%	4.3			
	30	30			54%	4.5			
IHF100-80-125	80	22	11	2900	74%	6.5	4.5	80	
	100	20			77%	7.1			
	120	18.5			80%	7.6			
	40	5.5	1.5	1450	70%	0.9	4.5		
	50	5			74%	0.9			
	60	4.5			76%	1.0			
IHF100-80-160	80	34	15	2900	63%	11.8	4.5		100
	100	32			67%	13.0			
	120	28			68%	13.5			
	40	9	2.2	1450	67%	1.5	4.5		
	50	8			69%	1.6			
	60	7			70%	1.6			
IHF100-65-200	80	52	30	2900	70%	16.2	4.5	65	
	100	50			73%	18.7			
	120	48			75%	20.9			
	40	13.5	5.5	1450	65%	2.3	4.5		
	50	12.5			68%	2.5			
	60	12			70%	2.9			
IHF100-65-250	70	82	45	2900	68%	23.0	5		
	100	80			71%	30.7			
	120	78			74%	34.5			
	40	20.5	7.5	1450	60%	3.7	5		
	50	20			64%	4.3			
	60	19.5			65%	5.2			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF100-65-315	70	127	55	2900	69%	35.1	5.2	100	65
	100	125			72%	47.3			
	120	123			75%	53.6			
	40	34	11	1450	60%	6.2	5.2		
	50	32			62%	7.0			
	60	30			64%	7.7			
IHF125-100-160	130	34	30	2900	68%	20.3	5	100	
	150	32			70%	24.9			
	170	28			73%	25.1			
	65	9	5.5	1450	69%	2.8	5		
	75	8			70%	3.1			
	85	7			71%	4.0			
IHF125-100-200	130	52	55	2900	63%	33.7	5	100	
	150	50			65%	41.9			
	170	48			67%	46.9			
	65	13.5	11	1450	50%	5.9	5		
	75	12.5			55%	6.2			
	85	12			52%	7.5			
IHF125-100-250	150	82	75	2900	67%	50.0	5.5	125	
	200	80			68%	64.1			
	240	78			70%	72.9			
	80	20.5	15	1450	70%	6.4	5.5		
	100	20			72%	7.6			
	120	19.5			73%	8.7			
IHF125-100-280	150	102	90	2900	70%	59.6	6	100	
	200	100			73%	74.7			
	240	96			75%	83.5			
	80	27	15	1450	70%	8.4	6		
	100	25			72%	9.5			
	120	23			73%	10.3			
IHF125-100-315	150	127	110	2900	53%	97.9	6.5	100	
	200	125			68%	100.2			
	240	123			75%	107.3			
	80	34	18.5	1450	67%	11.1	5.5		
	100	32			69%	12.6			
	120	30			71%	13.8			

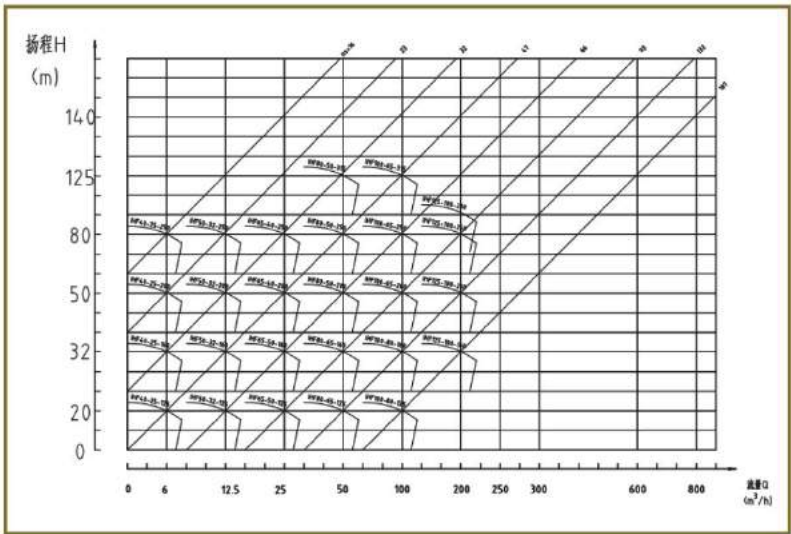
型 号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF125-100-400	80	53	30	1450	63%	18.3	6	125	100
	100	50			65%	21.0			
	120	48			68%	23.1			
IHF150-125-250	150	20.5	22	1450	65%	12.9	5	150	125
	200	20			68%	16.0			
	240	18			70%	16.8			
IHF150-125-315	150	34	37	1450	73%	19.0	5.5	150	125
	200	32			75%	23.3			
	240	30			77%	25.2			
IHF150-125-400	150	52	55	1450	58%	36.6			
	200	50			65%	41.9			
	240	48			68%	46.2			
IHF200-150-250	250	21	45	1450	70%	20.4	6		
	400	20			74%	29.5			
	480	18			76%	31.0			
IHF200-150-315	250	34	75	1450	77%	30.1	6	200	150
	400	32			79%	44.2			
	480	30			80%	53.0			
IHF200-150-400	250	52	90	1450	70%	50.6	6.5		
	400	50			78%	69.9			
	480	48			80%	78.5			
IHF250-200-315	400	34	90	1450	73%	50.8	6.5	250	200
	600	32			75%	69.8			
	700	28			65%	82.2			
IHF250-200-400	400	53	132	1450	62%	93.2	6.5		
	600	50			68%	120.2			
	700	47			72%	124.3			

型 号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
IHF300-250-315	800	34	160	1450	75%	93.9	7	300	250
	950	32			80%	103.6			
	1100	30			67%	137.3			
IHF300-250-400	800	53	185	1450	70%	165.1	7		
	980	50			77%	173.4			
	1100	47			80%	176.2			

性能曲线
Performance curve



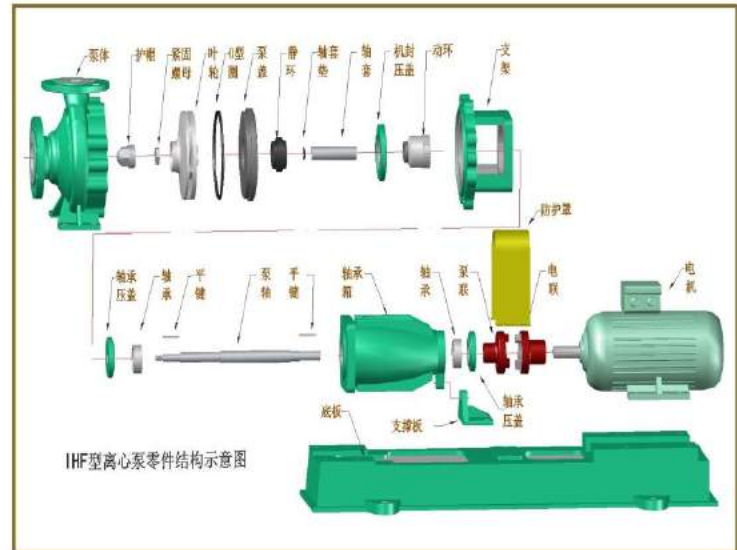
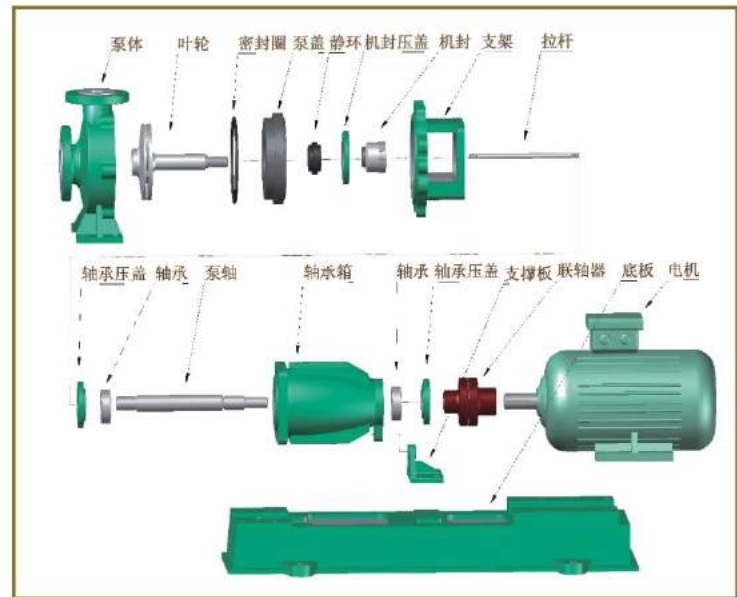
性能曲线 Performance curve



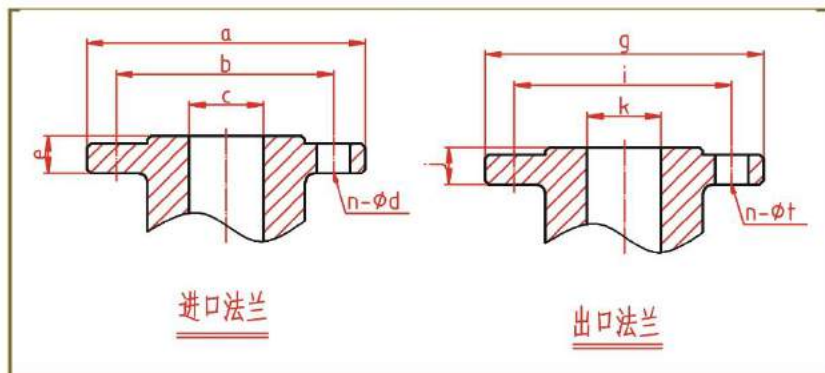
型号意义 Model significance



三维图及材质结构图 Three dimensional figure and material structure



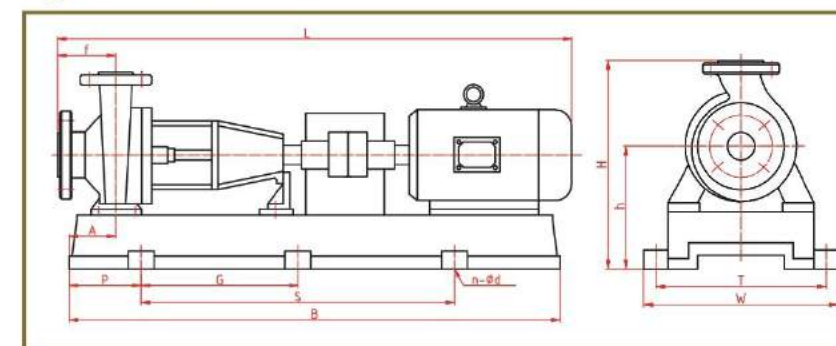
安装尺寸
Installation dimensions



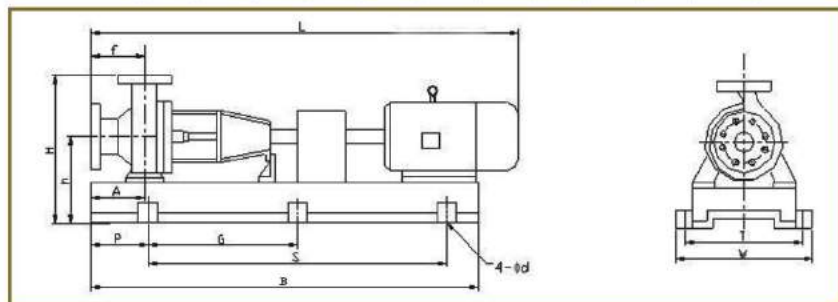
型 号 Model No	进口法兰Inlet Flange					出口法兰Outlet Flange				
	c	a	b	e	n-d	k	g	i	j	n-t
IHF40-25-125	40	150	110	16	4-18	25	115	85	16	4-M12
IHF40-25-160	40	150	110	16	4-18	25	115	85	16	4-M12
IHF40-25-200	40	150	110	16	4-18	25	115	85	16	4-M12
IHF40-25-250	40	150	110	18	4-18	25	115	85	16	4-M12
IHF50-32-125	50	165	125	18	4-18	32	140	100	18	4-M16
IHF50-32-160	50	165	125	18	4-18	32	140	100	18	4-M16
IHF50-32-200	50	165	125	20	4-18	32	140	100	18	4-M16
IHF50-32-250	50	165	125	20	4-18	32	140	100	18	4-M16
IHF65-50-125	65	185	145	18	4-18	50	165	125	18	4-18
IHF65-50-160	65	185	145	20	4-18	50	165	125	18	4-18
IHF65-40-200	65	185	145	20	4-18	40	150	110	18	4-M16
IHF65-40-250	65	185	145	20	4-18	40	150	110	18	4-M16
IHF65-40-315	65	185	145	20	4-18	40	150	110	18	4-18
IHF80-65-125	80	200	160	20	8-18	65	185	145	18	4-18
IHF80-65-160	80	200	160	20	8-18	65	185	145	18	4-18
IHF80-50-200	80	200	160	20	8-18	50	165	125	18	4-16
IHF80-50-250	80	200	160	22	8-18	50	165	125	18	4-M16

型 号 Model No	进口法兰Inlet Flange					出口法兰Outlet Flange				
	c	a	b	e	n-d	k	g	i	j	n-t
IHF80-50-315	80	200	160	22	8-18	50	165	125	18	4-M16
IHF100-80-125	100	220	180	22	8-18	80	200	160	20	8-18
IHF100-80-160	100	220	180	22	8-18	80	200	160	20	8-18
IHF100-65-200	100	220	180	22	8-18	65	185	145	20	4-18
IHF100-65-315	100	220	180	22	8-18	65	185	145	20	8-18
IHF125-100-160	125	250	210	22	8-18	100	220	180	20	8-18
IHF125-100-200	125	250	210	22	8-18	100	220	180	20	8-18
IHF125-100-280	125	250	210	22	8-18	100	220	180	20	8-18
IHF125-100-315	125	250	210	22	8-18	100	220	180	20	8-18
IHF125-100-400	125	250	210	22	8-18	100	220	180	20	8-18
IHF150-125-250	150	285	240	25	8-22	125	250	210	22	8-18
IHF150-125-315	150	285	240	25	8-22	125	250	210	22	8-18
IHF150-125-400	150	285	240	25	8-22	125	250	210	22	8-18
IHF200-150-250	200	340	295	32	12-23	150	285	240	30	8-23
IHF200-150-315	200	340	295	32	12-23	150	285	240	30	8-23
IHF200-150-400	200	340	295	32	12-23	150	285	240	30	8-23
IHF250-200-315	250	425	370	32	12-30	200	360	310	30	12-26
IHF300-250-315	300	485	430	34	16-30	250	425	370	32	12-30
IHF300-250-400	300	485	430	35	16-30	250	425	370	32	12-30

安装尺寸
Installation dimensions



型 号	L	B	S	P	A	W	T	H	h	F	G	n-d
IHF40-25-125	761	760	540	110	65	360	320	307	177	77	/	4-19
IHF40-25-160	786	760	540	110	65	360	320	337	197	77	/	4-19
IHF40-25-200	954	895	595	155	72	395	345	430	260	77	/	4-19
IHF40-25-250	1180	1120	730	210	68	500	450	505	280	77	/	4-25
IHF50-32-125	918	895	595	155	72	395	345	350	212	82	/	4-19
IHF50-32-160	978	895	595	155	68	395	345	394	232	82	/	4-19
IHF50-32-200	1064	995	655	170	70	450	400	438	260	81	/	4-25
IHF50-32-250	1313	1270	730	215	78	490	440	480	280	100	/	4-25
IHF65-50-125	955	895	595	155	72	395	345	362	212	80	/	4-19
IHF65-50-160	1065	995	655	170	68	450	400	392	232	82	/	4-19
IHF65-40-200	1224	1120	730	210	68	500	450	440	260	101	/	4-25
IHF65-40-250	1367	1270	730	215	78	490	440	507	280	102	/	4-25
IHF80-65-125	1080	995	655	170	68	450	400	415	232	101	/	4-19
IHF80-65-160	1223	1120	730	210	68	500	450	440	260	100	/	4-25
IHF80-50-200	1225	1120	730	210	68	500	450	462	260	101	/	4-25
IHF80-50-250	1518	1420	940	240	83	610	550	525	300	129	/	4-25
IHF80-50-315	1690	1480	940	260	78	490	540	605	325	125	/	4-25
IHF100-80-125	1230	1120	730	210	90	500	450	440	260	100	/	4-25
IHF100-80-160	1244	1120	730	210	77	500	450	500	280	100	/	4-25
IHF100-65-200	1533	1445	930	260	88	600	550	540	315	100	/	4-28
IHF100-65-250	1561	1420	940	240	95	610	550	576	325	123	/	4-25
IHF100-65-315	1837	1620	1100	220	85	640	580	606	325	126	/	4-28
IHF125-100-160	1554	1445	935	260	95	600	550	575	315	131	/	4-28
IHF125-100-200	1722	1445	930	260	95	600	550	645	365	130	/	4-28
IHF125-100-280	2005	1735	1200	260	80	700	640	675	380	138	600	6-28

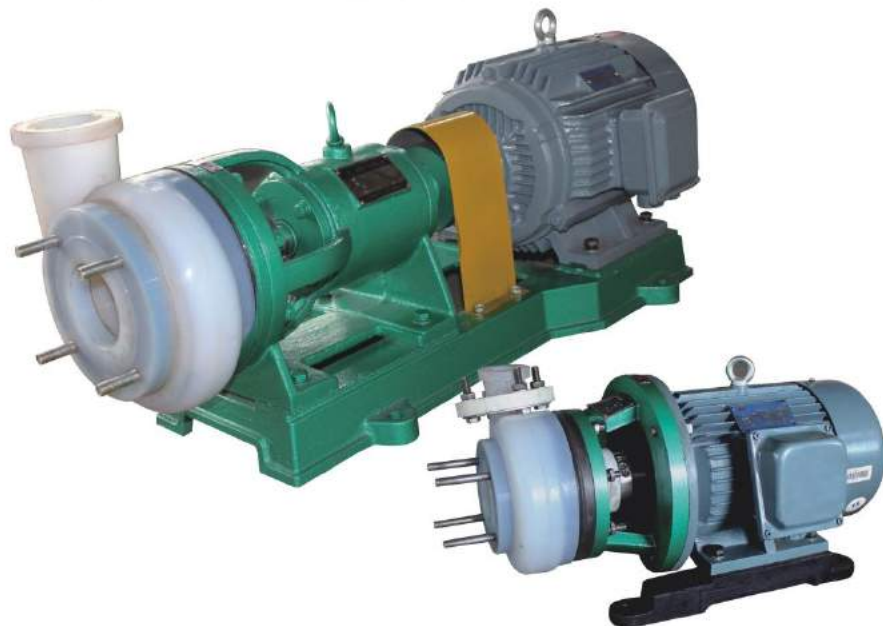


型 号	L	B	S	P	A	W	T	H	h	F	G	n-d
IHF40-25-125	696	760	540	110	65	360	320	307	177	77	/	4-19
IHF40-25-160	760	760	540	110	60	360	320	338	198	80	/	4-19
IHF40-25-200	750	760	540	110	60	360	320	395	225	80	/	4-19
IHF40-25-250	960	895	585	155	80	395	345	505	280	80	/	4-19
IHF50-32-125	820	760	540	110	60	360	320	315	178	80	/	4-19
IHF50-32-160	840	760	540	110	60	360	320	362	198	80	/	4-19
IHF50-32-200	940	895	595	155	80	395	345	440	260	80	/	4-19
IHF50-32-250	950	905	595	155	80	395	345	505	280	100	/	4-25
IHF65-50-125	810	760	540	110	60	360	320	325	178	80	/	4-19
IHF65-50-160	890	895	595	155	80	395	345	396	232	80	/	4-19
IHF65-40-200	950	895	595	155	80	395	345	440	260	100	/	4-19
IHF65-40-250	1130	1000	660	170	95	450	400	510	285	100	/	4-25
IHF65-40-315	1470	1300	810	215	95	540	490	550	300	125	/	4-25
IHF80-65-125	890	895	595	155	80	395	345	415	232	100	/	4-19
IHF80-65-160	925	895	595	155	80	395	345	440	260	80	/	4-19
IHF80-50-200	978	895	595	155	80	395	345	460	260	80	/	4-19
IHF80-50-250	1250	1060	660	200	95	450	400	525	300	125	/	4-25
IHF80-50-315	1470	1278	810	215	68	540	490	605	325	125	/	4-25
IHF100-80-125	965	895	595	155	81	395	345	440	260	100	/	4-25
IHF100-80-160	1015	995	655	170	65	450	400	500	280	100	/	4-19
IHF100-65-200	1230	1100	660	200	73	490	440	505	280	100	/	4-25
IHF100-65-250	1216	1100	720	170	85	490	440	551	300	123	/	4-25
IHF100-65-315	1522	1370	810	215	85	550	490	606	325	126	/	4-25
IHF125-100-160	1265	1100	660	220	80	490	440	560	300	131	/	4-25
IHF125-100-200	1410	1240	810	215	80	540	490	580	300	130	/	4-25
IHF125-100-280	1630	1580	1050	250	115	640	580	645	350	138	/	4-25
IHF150-125-250	1600	1400	940	230	140	610	550	725	370	140	/	4-28
IHF150-125-315	1722	1580	1050	250	115	640	580	745	380	140	/	4-25
IHF150-125-400	1830	1800	1200	300	140	730	670	840	440	140	/	4-28
IHF200-150-250	1580	1530	1100	200	105	550	500	805	430	160	/	4-28
IHF200-150-400	2033	1800	1200	210	105	730	670	915	465	160	600	6-28
IHF300-250-400	2560	2160	1600	280	190	760	730	1142	580	254	800	6-30

FSB

氟塑料合金离心泵

Fluoroplastic alloy centrifugal pump



工作条件

Working Conditions

口径: 25-100mm
 工作温度: -20℃~180℃
 流量范围: 2-125m³/h
 扬程范围: 15m-55m
 材质范围: F46, 超高分子量聚乙烯
 设计标准: GB/T 5662, ISO2858, EN733 / DIN24255
 Pump Diameter: 25mm-100mm
 Working Temperature: -20 °C ~180 °C
 Flow Capacity Range: 2m³/h-125m³/h
 Pump Head Range: 15m-55m
 Materials Range: FEP(F46) UHMW-PE
 Designed Standard: GB/T 5662, ISO2858, EN733 / DIN24255

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。
 Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

输送不同浓度的硫酸、盐酸、硝酸、王水、氢氟酸、强碱、强氧化剂、还原剂、含氯离子等强腐蚀性的介质。可以耐不锈钢不足以抵抗其腐蚀的一切介质，代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。
 Conveying different concentrations of sulfuric acid, hydrochloric acid, nitric acid and aqua regia, hydrofluoric acid, strong alkali, strong oxidizer, reductant, strong corrosive medium such as chlorine ion. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel alloy material, such as pump.

设计说明

Designed Instruction

FSB 氟塑料合金离心泵是采用特种泵工艺加工制造，泵体、叶轮、泵盖采用金属嵌件外包氟塑料经高温模压而成，密封采用可调试四氟波纹管机械密封。该系列分为长支架与短支架两种结构形式，设计合理，结构紧凑，操作简单，维修方便等优点。

The FSB fluorine plastic alloy centrifugal pump is to use special pump manufacturing and processing technology, pump body, impeller, pump cover is made of metal insert outsourcing fluorine plastic after high temperature moulding, sealing adopts adjustable PTFE bellows mechanical seal. Stents and short the series is divided into two kinds of structure forms, reasonable design, by the pool structure, simple operation, convenient maintenance, etc.

性能参数表

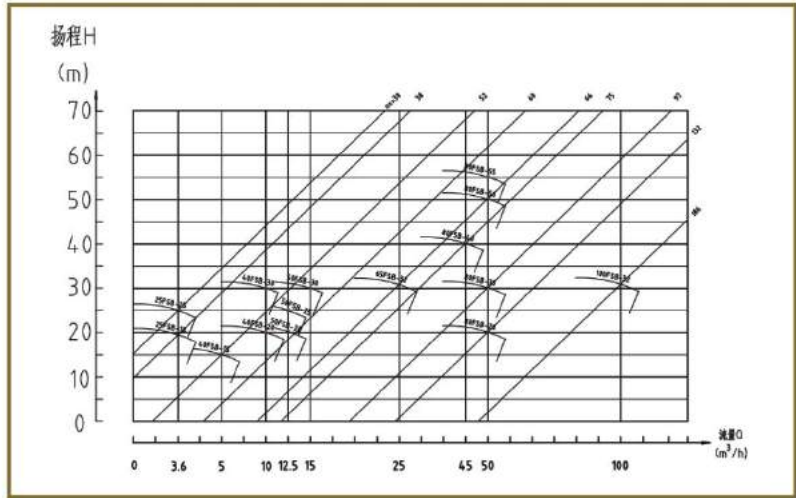
Performance parameters of the table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 Outlet
25FSB-18	1.8	20	1.5	2900	18	0.63	3	25	25
	3.6	18			25	0.71	3		
	5	15			21	0.93	3		
25FSB-25	2	26	1.5	2900	25	0.59	3	25	25
	3.6	25			36	0.68	3		
	5	23			38	0.82	3		
40FSB-15	3.5	15	3	2900	21	0.68	3	40	32
	5	15			26	0.79	3		
	8	10			18	1.21	3		
40FSB-20	6	23	3	2900	30	1.25	3	40	32
	10	20			42	1.30	3		
	12	17			38	1.46	3		
40FSB-30	6	32	3	2900	22	2.38	3	40	32
	10	30			31	2.64	3		
	12	28			32	2.86	3		
50FSB-20	8	21	3	2900	40	1.14	3	50	32
	12.5	20			52	1.31	3		
	15	18			52	1.41	3		
50FSB-25	8	26	3	2900	38	1.49	3	50	32
	12.5	25			48	1.77	3		
	15	22			48	1.87	3		
50FSB-30	8	32	3	2900	35	1.99	3	50	32
	12.5	30			46	2.22	3		
	15	28			46	2.49	3		

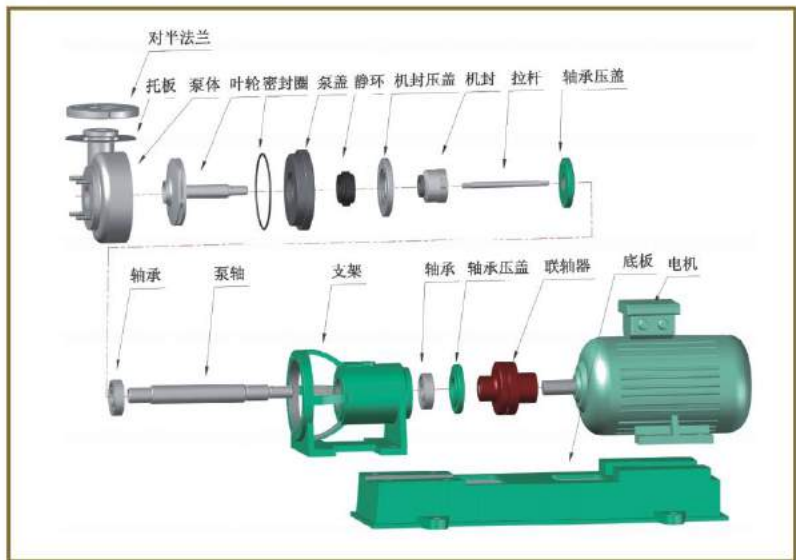
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
65FSB-20	15	21	4	2900	32	2.68	3	65	50
	25	20			43	3.17			
	30	18			46	3.20			
65FSB-32	15	34	5.5	2900	42	3.31	3	65	50
	25	32			56	3.89			
	30	28			58	3.95			
80FSB-20	35	22	5.5	2900	55	3.82	3	65	50
	50	20			65	4.19			
	60	17			63	4.41			
80FSB-30	35	34	7.5	2900	58	5.59	3.5	80	65
	50	32			64	6.81			
	60	28			60	7.63			
80FSB-40	35	42	11	2900	53	7.56	3.5	80	65
	50	40			63	8.65			
	60	36			60	9.81			
80FSB-50	35	52	15	2900	55	9.02	3.5	80	65
	50	50			63	10.81			
	60	45			55	13.38			
80FSB-55	35	56	18.5	2900	50	10.68	4	80	65
	50	55			60	12.49			
	60	48			55	14.27			
100FSB-32	80	34	15	2900	65	11.40	3.5	100	80
	100	32			70	12.46			
	121	28			65	14.20			
40FSB-15 (D)	3.5	15	3	2900	21	0.68	3	40	32
	5	15			26	0.79			
	8	10			18	1.21			
40FSB-20 (D)	6	23	3	2900	30	1.25	3	40	32
	10	20			42	1.30			
	12	17			38	1.46			
40FSB-30 (D)	6	32	3	2900	22	2.38	3	40	32
	10	30			31	2.64			
	12	28			32	2.86			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
50FSB-20 (D)	8	21	3	2900	40	1.14	3	50	32
	12.5	20			52	1.31			
	15	18			52	1.41			
50FSB-25 (D)	8	26	3	2900	38	1.49	3.5	50	32
	12.5	25			48	1.77			
	15	22			48	1.87			
50FSB-30 (D)	8	32	3	2900	35	1.99	3.5	50	32
	12.5	30			46	2.22			
	15	28			46	2.49			
65FSB-32 (D)	15	34	5.5	2900	42	3.31	3.5	65	50
	25	32			56	3.89			
	30	28			58	3.95			
80FSB-20 (D)	35	22	5.5	2900	55	3.82	3.5	80	65
	50	20			65	4.19			
	60	17			63	4.41			
80FSB-30 (D)	35	34	7.5	2900	58	5.59	3.5	80	65
	50	32			64	6.81			
	60	28			60	7.63			

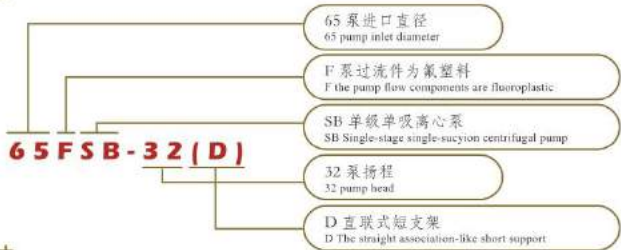
性能曲线
Performance curve



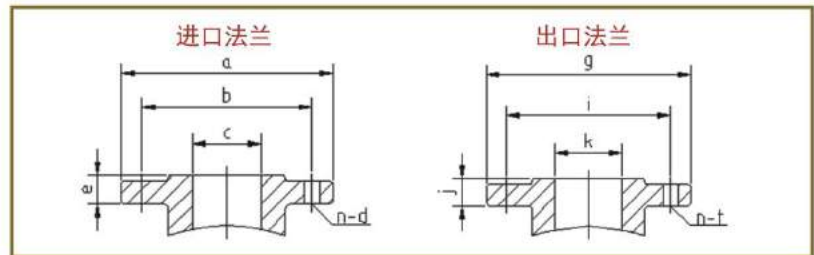
三维图及材质结构图
Three dimensional figure and material structure



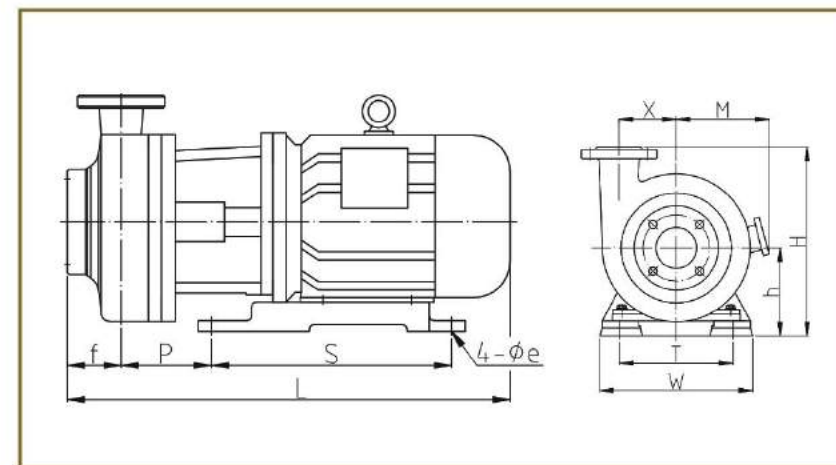
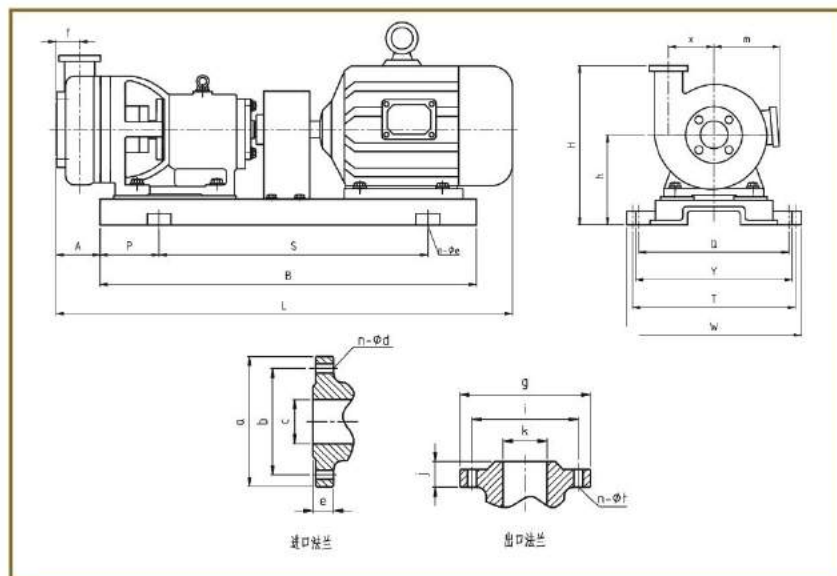
型号意义
Model significance



安装尺寸
Installation dimensions



型 号 Model No	进口法兰Inlet flange					出口法兰outlet flange				
	c	a	b	e	n-d	k	g	i	j	n-t
25FSB-18	25	120	85	16	4-M10	25	100	75	16	4-12
25FSB-25	25	120	85	16	4-M10	25	100	75	16	4-12
40FSB-15	40	130	100	18	4-M10	32	112	90	18	4-12
40FSB-20	40	130	100	18	4-M10	32	112	90	16	4-12
40FSB-30	50	130	100	18	4-M10	32	112	90	18	4-12
50FSB-20	50	130	100	18	4-M10	32	112	90	18	4-12
50FSB-25	50	130	100	18	4-M10	32	112	90	18	4-12
50FSB-30	50	130	100	18	4-M10	32	112	90	18	4-12
65FSB-32	65	185	150	18	4-M12	50	160	130	20	4-12
80FSB-20	80	185	150	18	4-M12	65	160	130	20	4-12
80FSB-30	80	185	150	18	4-M12	65	160	130	20	4-12
80FSB-40	80	185	150	18	4-18	50	170	125	20	4-18
80FSB-50	80	185	150	18	4-18	50	170	125	20	4-18
80FSB-55	80	185	150	20	4-18	50	170	125	20	4-18
100FSB-32	100	220	180	25	4-M16	80	200	165	25	4-M16



型号	L	B	S	P	A	W	T	Y	Q	H	h	f	x	m	n-e
25FSB-18	700	590	440	75	80	280	240	280	240	257	162	40	77	150	4-16
25FSB-25	700	590	440	75	80	280	240	280	240	257	162	40	77	150	4-16
40FSB-15	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4-16
40FSB-20	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4-16
40FSB-30	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4-16
50FSB-25	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4-16
50FSB-30	786	615	455	80	107	335	285	280	250	287	162	58	82	180	4-16
65FSB-32	960	720	480	130	142	370	330	290	250	347	197	74	95	210	4-16
80FSB-20	960	720	480	130	142	370	330	290	250	347	197	74	95	210	4-16
80FSB-30	960	720	480	130	142	370	330	290	250	347	197	74	95	210	4-16
80FSB-40	1200	920	660	124	142	430	390	350	300	410	230	85	118	265	4-16
80FSB-50	1210	920	660	124	142	430	390	350	300	410	230	85	118	265	4-16
80FSB-55	1255	920	660	124	142	430	390	350	300	410	230	85	118	265	4-16
100FSB-32	1180	1130	720	205	142	485	435	485	435	500	280	100	118	265	4-25

型号	L	S	P	W	T	H	h	f	x	m	n-e
40FSB-15 (D)	500	315	150	220	170	260	140	40	85	180	4-16
40FSB-20 (D)	500	315	150	220	170	260	140	40	85	180	4-16
50FSB-20 (D)	500	315	150	220	170	260	140	40	85	180	4-16
50FSB-25 (D)	500	315	150	220	170	260	140	40	85	180	4-16
50FSB-30 (D)	500	315	150	220	170	260	140	40	85	180	4-16
65FSB-32 (D)	660	330	140	290	240	327	177	60	95	210	4-16
80FSB-20 (D)	660	330	140	290	240	327	177	60	95	210	4-16
80FSB-30 (D)	660	330	140	290	240	327	177	60	95	210	4-16
100FSB-30 (D)	930	210	475	254	320	340	160	66	115	255	4-15

FZB

衬氟自吸泵

FZB Fluorine Plastic Lining Self-Priming Centrifugal Pump



工作条件

口径: 25-100mm
工作温度: -20℃~150℃
流量范围: 2.5m³/h~100m³/h
扬程范围: 15m~50m
材质范围: 内衬F46、PFA
设计标准: GB/T5662, ISO2858, EN733/ DIN24255

Pump Diameter: 25-100mm
Working Temperature: -20-150 °C
Flow Capacity Range: 2.5m³/h~100m³/h
Pump Head Range: 15m~50m
Materials Range: Lining F46/ PFA
Designed Standard: GB/T5662, ISO2858, EN733/ DIN24255

运用领域

生物医药, 石油化工, 矿山冶金, 纺织印染, 电力, 食品, 造纸, 电镀, 污水处理, 烟气处理, 新能源, 新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

适用于化学工业领域液位低于泵吸入口的工艺, 输送中性或腐蚀性, 低温或高温(150℃), 固体颗粒物含量低于 5% 的液体。可以对不锈钢不足以抵抗其腐蚀的一切介质, 代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。

Suitable for chemical industry level below the pump suction process, neutral or corrosive, low or high temperature (150 °C), liquid solid particles content lower than 5%. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel alloy material, such as pump.

设计说明

FZB 系列氟塑料自吸泵是我公司在运用 IHF 衬氟离心泵的衬氟工艺, 在传统的 ZX、ZW 自吸离心泵的基础上改造而成的新一代耐腐蚀自吸离心泵, 性能上保留了 ZX、ZW 自吸功能, 衬氟工艺又大大提高了其耐腐蚀性能。法兰设计符合国家标准, 轴封采用外装式先进的波纹管机械密封, 自吸高度可达 4 米, 加装单向底阀还能提高 1-3 米。该泵终身仅需在第一次使用前灌满液体即可使用。液位低于 1.5 米时其相比液下泵具有造价经济, 维护方便, 寿命长和运行成本低的优势。

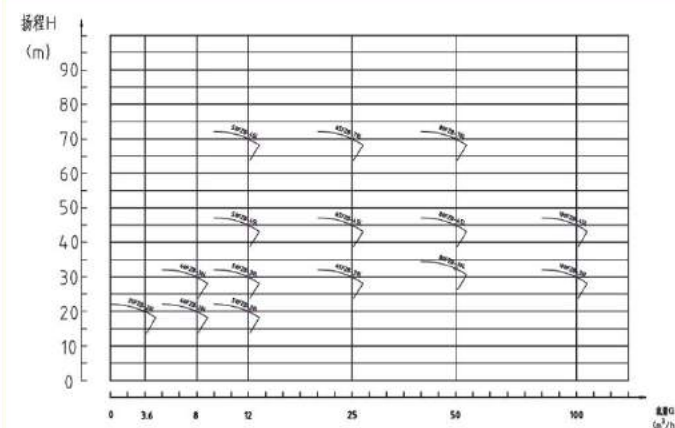
FZB Series Fluorine Plastic Self-Priming Centrifugal Pump is our company Improved latest anti-corrosive product base on Traditional ZX/ZW Self-priming Centrifugal Pump by apply our IHF Lining Fluorine Plastic Centrifugal Pump. It is not only retained ZX/ZW Series Self-priming function performance, But also increase this pump anti-corrosive performance. Designed flange conform to international standard. Shaft seal using outside amounted advanced bellows mechanical seal, self-priming height of 4 meters. If this pump equipped with non-return foot valve, it also can improve to 1-3 meters. This pump is only need fill liquids to pump shell in first time. When liquids level belows 1.5meter. It is best to choose this pump to replace submersible pump with high advantage of cost economic, convenient maintenance and long service life and low operating cost.

性能参数表

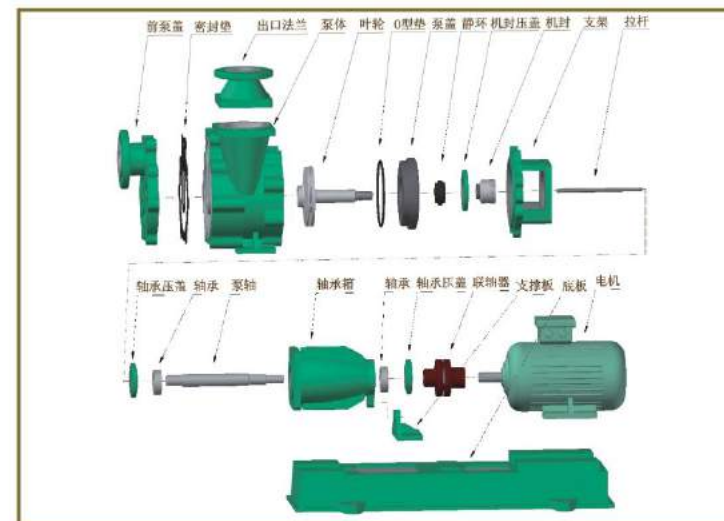
型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽蚀余量 NPSH(m)	口径Diameter(mm) 进口 Inlet 出口 Outlet
25FZB-20LP	1.5	19					10	0.78		
	3.6	18	2.2	2900	0.7	180	20	0.88	3	25 25
	6	16					25	1.05		
40FZB-20P	5	22					35	0.86		
	8	20	3	2900	1	180	42	1.04	3	40 50
	12	17					46	1.21		
40FZB-30L	5	32					34	1.28		
	8	30	4	2900	3	150	48	1.36	3.5	40 50
	12	28					45	2.03		
50FZB-20P	8	22					35	1.37		
	12	20	3	2900	1	180	42	1.56	3	50 50
	15	17					40	1.74		
50FZB-30L	8	32					24	2.91		
	12	30	4	2900	3	150	29	3.38	3.5	50 50
	15	28					30	3.82		
50FZB-45L	8	47					24	4.27		
	12	45	7.5	2900	3	150	35	4.20	3.5	50 40
	15	43					32	5.49		
50FZB-70L	8	72					20	7.85		
	12	70	15	2900	3	150	26	8.80	4	50 32
	15	68					23	12.08		

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Horsepower (K W)	转 速 Rating Speed (r/min)	自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)	效率 Efficiency (%)	轴功率 Shaft Power (K W)	汽 蚀 余 量 NPSH(m)	口径Diameter(mm)	
										进口 Inlet	出口 Outlet
65FZB-30L	15	32	7.5	2900	3	200	37	3.54	4	65	50
	25	30					42	4.87			
	35	27					41	6.28			
65FZB-45L	15	47	11	2900	3	180	30	6.40	4	65	40
	25	45					42	7.30			
	35	38					44	8.24			
65FZB-70L	15	72	22	2900	3	180	30	9.81	4	65	40
	25	70					41	11.63			
	35	65					42	14.76			
80FZB-30L	35	35	11	2900	3.5	180	51	6.55	4.5	80	65
	50	32					63	6.92			
	60	28					56	7.30			
80FZB-45L	35	47	15	2900	3.5	200	45	9.96	4.5	80	65
	50	45					53	11.57			
	60	42					48	14.31			
80FZB-70L	35	72	30	2900	3.5	250	45	15.26	5	80	50
	50	70					50	19.08			
	60	65					43	24.72			
100FZB-30L	65	32	18.5	2900	3.5	200	56	10.12	6	100	80
	100	30					80	10.22			
	110	28					64	12.18			
100FZB-45L	65	46	30	2900	4	250	48	16.97	6	100	80
	100	45					55	22.30			
	110	40					48	24.98			

性能曲线 Performance curve



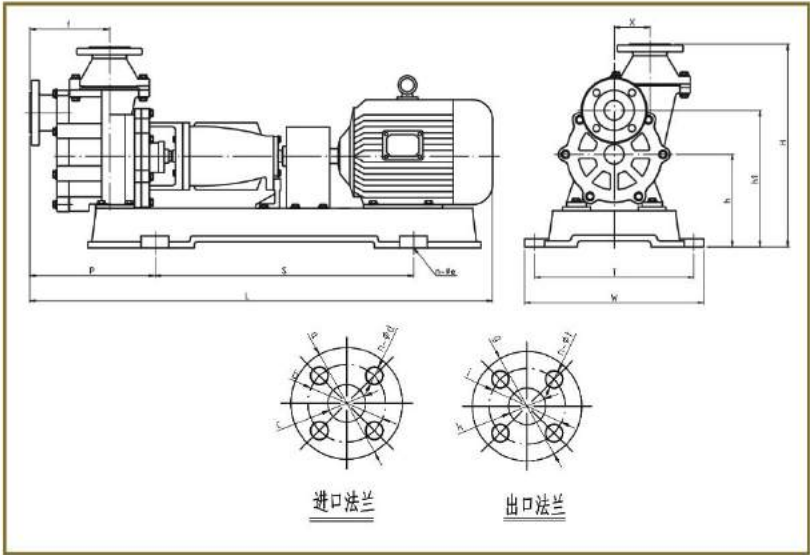
三维图及材质结构图 Three dimensional figure and material structure



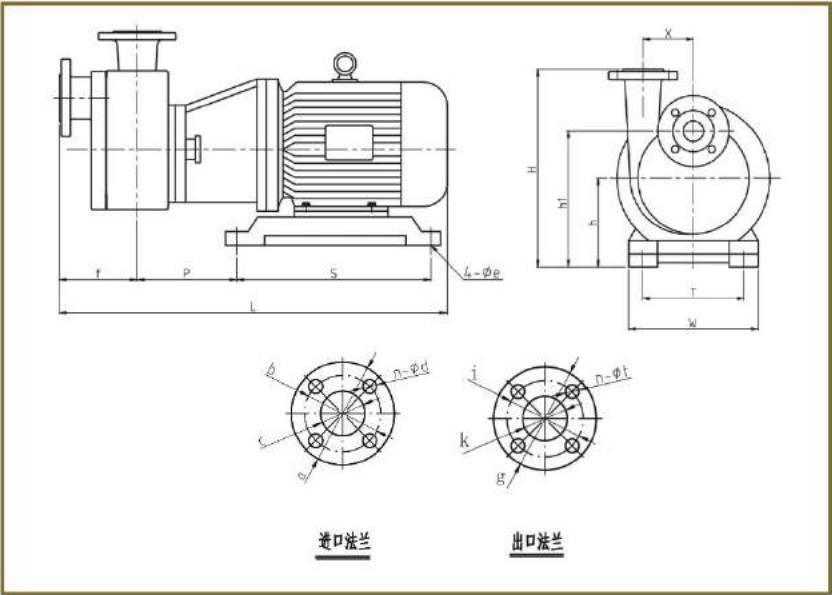
型号意义
Model significance



安装尺寸
Installation dimensions



型号Model No	L	S	P	f	W	T	H	h	h	x	k	c	b	a	n-d	k	i	g	n-t
40FZB-20	500	310	160	110	220	170	305	140	240	65	12	40	100	130	4-13	50	100	130	4-13
50FZB-20	590	310	160	110	220	170	305	140	240	65	12	40	100	130	4-13	50	100	130	4-13



型号Model No	L	S	P	f	W	T	H	h	h1	x	k	c	b	a	n-d	k	i	g	n-t
25FZB-20L	750	440	232	110	280	240	306	162	240	60	16	25	85	120	4-13	25	85	120	4-13
40FZB-30L	1150	590	290	205	390	330	508	232	342	90	25	40	125	165	4-18	50	125	165	4-18
50FZB-30L	1150	590	290	205	390	330	508	232	342	90	25	540	125	165	4-18	50	125	165	4-18
50FZB-45L	1190	650	290	200	450	380	610	260	410	112	25	50	125	165	4-18	40	110	135	4-18
50FZB-70L	1350	720	337	227	485	435	640	280	445	124	25	50	125	165	4-18	32	100	135	4-18
65FZB-30L	1230	650	340	250	450	380	520	232	342	98	25	65	145	185	4-18	50	125	165	4-18
65FZB-45L	1400	720	330	223	485	435	642	260	425	114	25	65	145	185	4-18	40	110	150	4-18
65FZB-70L	1600	840	330	220	490	440	580	300	490	147	25	65	145	185	4-18	40	110	150	4-18
80FZB-30L	1240	720	320	210	485	435	520	260	370	110	24	80	160	200	8-18	65	145	185	4-18
80FZB-45L	1400	720	370	210	485	435	590	260	440	120	24	80	160	200	8-18	65	145	185	4-18
80FZB-70L	1680	940	405	268	610	550	735	345	535	140	25	80	160	200	8-18	65	145	185	4-18
100FZB-30L	1380	720	400	290	485	435	695	280	460	128	25	100	180	220	8-18	80	160	200	8-18
100FZB-45L	1750	940	460	285	610	540	715	300	480	130	25	100	180	220	8-18	80	160	200	8-18

NH

不锈钢离心泵

Stainless Steel Centrifugal Pump



工作条件

Working Conditions

口径: 25-200mm
工作温度: -20℃-165℃
流量范围: 0.8m³/h-400m³/h
扬程范围: 12.5m-130m
材质范围: 不锈钢
设计标准: GB/T5662, ISO2858
EN733/ DIN24255

Pump Diameter: 25-200mm
Working Temperature: -20-165 °C
Flow Capacity Range: 0.8m³/h-400m³/h
Pump Head Range: 12.5m-130m
Materials Range: SS304, SS316, SS316L,
Designed Standard: GB/T5662, ISO2858
EN733/ DIN24255

运用领域

Application Field

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送清洁或含一定固体颗粒和纤维物、低温或高温、中性或有腐蚀性的液体；各种温度和浓度的碱性溶液，各种盐溶液，各种液态石油化工产品，有机化合物，以及其它有腐蚀性的原料和产品。

Suitable for conveying clean or containing solid particles and fiber content, low temperature or high temperature, neutral or corrosive liquid. Various temperature and concentration of alkaline solution, various salt solution, all kinds of liquid petroleum and chemical products, organic compounds, and other corrosive materials and products.

设计说明

Designed Instruction

NH 系列化工流程泵是取代 IH 化工流程泵的更新换代产品。该系列产品性能参数和安装尺寸与 IH 型泵相同，产品执行 GB/T5662《轴向吸入离心泵(16bar)标记、性能和尺寸》标准；该产品配件通用互换性程度高，5 个规格的悬架可以覆盖全系列产品，根据用户需要可以选用填料或者机械密封，机械密封根据介质特点可以选用单端面、双端面、平衡或非平衡型等密封；叶轮可以设计为开式或半开式，可以输送含一定纤维物或颗粒的介质。是精细化工领域较为通用的标准型化工离心泵。

NH Series chemical chemical process pump is latest pump products replace by IH Series. The performance parameter and installment drawing are same as IH Series. This pump executed Standard GB/T5662 < The Marks , Performance , Specification of Axial Direction End -Suction centrifugal pump (16 bar) > ,with highly interchangeable for the general spare parts pump. Five Specifications bracket of pump can cover of full series specification pumps. It can be choose gland packing or mechanical seal according client 's request. Mechanical seal can be choose single (end) face , double(end) face ,balanced face or imbalance face .Impeller can be designed with open -type or semi-open type. It can transfer certain fiber or particle liquids . It is generally standard chemical centrifugal pump in fine chemical fields.

性能参数表

Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效 率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH40-25-125	4	22	2	40	0.60	1.5	2900	40	25
	6	20			0.82				
	8	18.5			1.01				
	2	5.5	2	34	0.09	0.55	1450		
	3	5			0.12				
	4	4.5			0.14				
NH40-25-160	4	34	2	33	1.12	2.2	2900	40	25
	6	32			1.59				
	8	28			1.85				
	2	9	2	27	0.18	0.55	1450		
	3	8			0.24				
	4	7			0.28				
NH40-25-200	4	52	2	26	2.18	4	2900	40	25
	6	50			3.14				
	8	48			4.02				
	2	13.5	2	20	0.37	0.75	1450		
	3	12.5			0.51				
	4	12			0.65				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH50-32-125	10	22	3	52	1.15	2.2	2900	50	32
	12.5	20			1.31				
	15	18.5			1.45				
	5	5.5	3	45	0.17	0.55	1450		
	6.3	5			0.19				
	8	4.6			0.22				
NH50-32-160	10	33	3.5	46	1.95	4	2900	50	32
	12.5	32			2.37				
	15	28			2.49				
	5	8.6	3.5	40	0.29	0.55	1450		
	6.3	8			0.34				
	8	7			0.38				
NH50-32-200	10	52	3.5	38	3.73	7.5	2900	50	32
	12.5	50			4.48				
	15	48			5.16				
	5	13	3.5	33	0.54	1.1	1450		
	6.3	12.5			0.65				
	8	12			0.79				
NH50-32-250	10	82	3.5	38	5.88	11	2900	50	32
	12.5	80			7.17				
	15	75			8.07				
	5	20.5	3.5	33	0.85	1.5	1450		
	6.3	20			1.04				
	8	19.5			1.29				
NH65-50-125	15	22	3.5	62	1.45	3	2900	65	50
	25	20			2.20				
	30	18.5			2.44				
	7.5	5.5	3.5	55	0.20	0.55	1450		
	12.5	5			0.31				
	15	4.5			0.33				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH65-50-160	15	33	3.5	56	2.41	5.5	2900	65	50
	25	32			3.89				
	30	28			4.09				
	7.5	8.6	3.5	50	0.35	1.1	1450		
	12.5	8			0.55				
	15	7			0.57				
NH65-40-200	15	52	3.5	52	4.09	11	2900	65	40
	25	50			6.55				
	30	48			7.55				
	7.5	13	3.5	46	0.58	1.5	1450		
	12.5	12.5			0.93				
	15	12			1.07				
NH65-40-250	15	82	3.5	42	7.98	18.5	2900	65	40
	25	80			12.98				
	30	78			15.18				
	7.5	20.5	3.5	43	0.97	3	1450		
	12.5	20			1.58				
	15	19.5			1.85				
NH65-40-315	15	127	3.5	42	12.36	30	2900	65	40
	25	125			20.28				
	30	123			23.94				
	7.5	33	3.5	37	1.82	5.5	1450		
	12.5	32			2.95				
	15	30			3.31				
NH80-65-125	40	22	4	65	3.69	5.5	2900	80	65
	50	20			4.19				
	60	18.5			4.65				
	20	5.5	4	58	0.52	1.1	1450		
	25	5			0.59				
	30	4.6			0.65				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效率 Efficiency (%)	轴功率 Shaft Power (K W)	电机功率 Motor Horsepower (K W)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH80-65-160	40	33	4	62	5.80	11	2900	80	65
	50	32			7.03				
	60	28			7.38				
	20	8.6	4	60	0.78	1.5	1450		
	25	8			0.91				
	30	7			0.95				
NH80-50-200	40	52	4	63	9.00	15	2900	80	50
	50	50			10.81				
	60	48			12.46				
	20	13	4	57	1.24	2.2	1450		
	25	12.5			1.49				
	30	12			1.72				
NH80-50-250	40	82	4	54	16.55	30	2900	80	50
	50	80			20.19				
	60	78			23.62				
	20	20.5	4	51	2.19	5.5	1450		
	25	20			2.67				
	30	19.5			3.13				
NH80-50-315	40	127	4	56	24.72	37	2900	80	50
	50	125			30.41				
	60	123			35.91				
	20	33	4	52	3.46	7.5	1450		
	25	32			4.19				
	30	30			4.72				
NH100-80-125	80	22	4.5	58	8.27	11	2900	100	80
	100	20			9.40				
	120	18.5			10.43				
	30	5.5	4.5	68	0.66	1.5	1450		
	50	5			1.00				
	60	4.6			1.11				

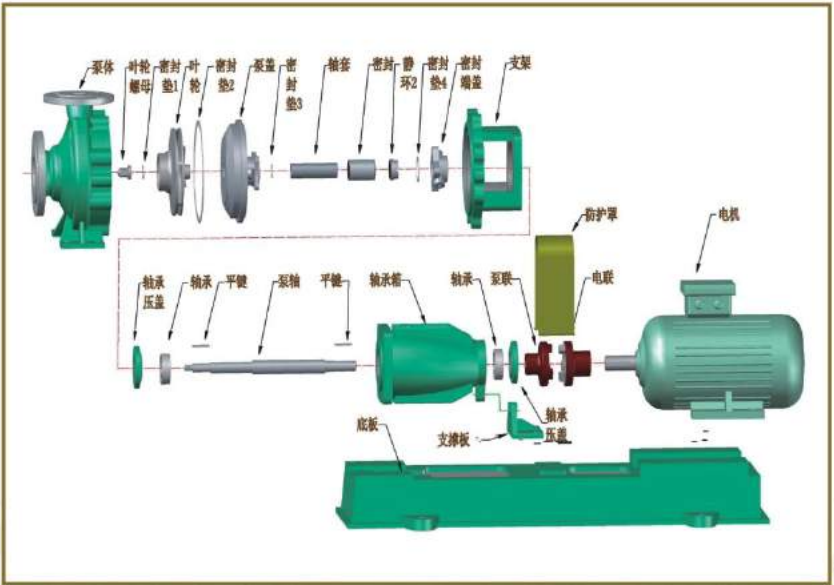
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效 率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH100-80-160	80	33	4.5	70	10.28	15	2900	100	80
	100	32			12.46				
	120	28			13.08				
	30	8.6	4.5	65	1.08	3	1450		
	50	8			1.68				
	60	7			1.76				
NH100-65-200	80	52	4.5	65	17.44	30	2900	100	65
	100	50			20.96				
	120	48			24.15				
	30	13	4.5	64	1.66	5.5	1450		
	50	12.5			2.66				
	60	12			3.07				
NH100-65-250	80	82	4.5	70	25.54	45	2900	100	65
	100	80			31.14				
	120	78			36.44				
	30	20.5	4.5	64	2.62	7.5	1450		
	50	20			4.26				
	60	19.5			4.98				
NH100-65-315	80	127	4.5	67	41.32	75	2900	100	65
	100	125			50.84				
	120	123			60.03				
	30	33	4.5	62	4.35	11	1450		
	50	32			7.03				
	60	30			7.91				
NH125-100-200	150	52	5	65	32.70	55	2900	125	100
	200	50			41.92				
	240	48			48.30				
	75	13	5	60	4.43	11	1450		
	100	12.5			5.68				
	120	12			6.54				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH (m)	效率 Efficiency (%)	轴功率 Shaft Power (K W)	电机功率 Motor Horsepower (K W)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NH125-100-250	150	82	5	68	49.29	90	2900	125	100
	200	80			64.12				
	240	73			70.21				
	75	20.5	5	62	6.76	15	1450		
	100	20			8.79				
	120	19.5			10.28				
NH125-100-315	75	33	5	72	9.37	15	1450	125	100
	100	32			12.11				
	120	30			13.63				
NH125-100-400	75	52	5	55	19.32	37	1450	125	100
	100	50			24.77				
	120	48			28.54				
NH150-125-250	150	20.5	6	68	12.32	22	1450	150	125
	200	20			16.03				
	240	19.5			18.75				
NH150-125-315	150	33	6	75	17.99	30	1450	150	125
	200	32			23.25				
	240	30			26.16				
NH150-125-400	150	52	6	72	29.52	55	1450	150	125
	200	50			37.85				
	240	48			43.60				
NH200-150-250	250	20.5	7	74	18.87	37	1450	200	150
	400	20			29.46				
	460	19.5			33.03				
NH200-150-315	250	33	7	79	28.46	55	1450	200	150
	400	32			44.15				
	460	30			47.60				
NH200-150-400	250	52	7	78	45.42	90	1450	200	150
	400	50			69.87				
	460	48			77.14				



三维图及材质结构图

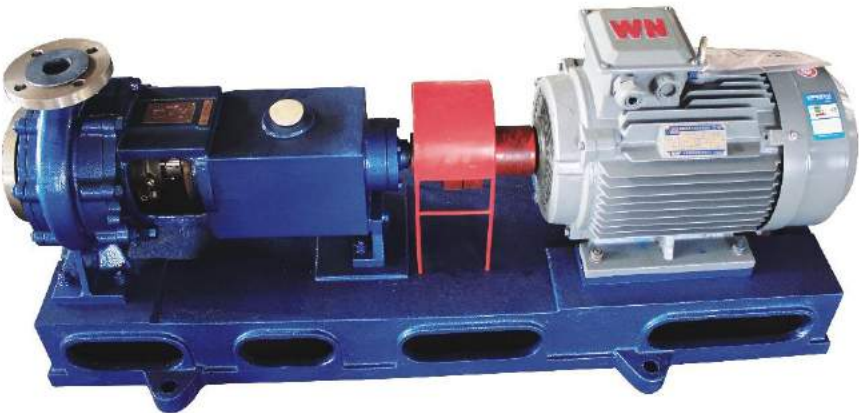
Three dimensional figure and material structure



NZ

化工流程泵

NZ Series Chemical Process Pump



工作条件

口径: 25-400mm
 工作温度: -50℃~250℃
 流量范围: 3m³/h~2000m³/h
 扬程范围: 12.5m~160m
 材质范围: 碳钢 不锈钢
 耐磨耐蚀金
 设计标准: API610, ISO2858
 Pump Diameter: 25-400mm
 Working Temperature: -50-250℃
 Flow Capacity Range: 3m³/h~2000m³/h
 Pump Head Range: 12.5m~160m
 Materials Range: Cast Steel, Stainless Steel,
 Anti-corrosive, Wear-Proof Metal
 Designed Standard: API 610, ISO2858

运用领域

生物医药, 石油化工, 矿山冶金, 纺织印染, 电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。
 Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

适用于输送清洁或含一定固体颗粒和纤维物, 低温或高温, 中性或有腐蚀性的液体; 各种温度和浓度的碱性溶液, 各种盐溶液, 各种液态石油化工产品, 有机化合物, 以及其它有腐蚀性的原料和产品。
 Suitable for conveying clean or containing solid particles and fiber content, low temperature or high temperature, neutral or corrosive liquid. Various temperature and concentration of alkaline solution, various salt solution, all kinds of liquid petroleum and chemical products, organic compounds, and other corrosive materials and products.

设计说明

NZ 标准化工泵流程泵是卧式, 单级悬臂支撑单吸离心泵, 产品性能设计符合美国石油化学学会 API610 的标准。叶轮采用精密铸造工艺, 副叶片结构平衡轴向力; 泵盖的密封腔体采用大腔体结构, 符合 API682 要求, 介质流动性好, 散热快; 根据不同工况可以采用单端面机械密封、双端面机械密封、串联机械密封等形式, 机械密封可以采用集装和非集装两种形式; 轴承采用普通的稀油润滑, 同时起到冷却轴承的作用。轴采用刚性轴设计, 泵轴挠度小, 运行平稳, 采用全隔离轴套, 完全避免轴和介质接触, 提高寿命; 泵体和叶轮耐磨口环的设计避免叶轮和泵壳的直接摩擦, 降低运行成本。泵采用联轴器结构, 维修不需要拆卸管路, 维护方便。

NZ Standard chemical process pump is horizontal type, single stage cantilever support single suction centrifugal pump. Product Performance design conform to American National Institute of petroleum and chemical API610 Standards impeller of pump made with precision casting technology. Deputy blade designed with Balanced Axial Force structure, Pump Cover sealing cavity take with big cavity structures, it conform with Request by API682. Flow liquids can easy move, quickly dissipate heat. Sealing method can be choose single end face, double end face, series connection type. Mechanical seal type can be choose container or No-container. Bearing can be take ordinary thin oil lubrication. It can keep bearing cooling effect. Pump Shaft adopt rigid shaft design, the deflection is small, smooth operation. It take full isolation shaft sleeve. It can completely avoid axis contact with mediums, then it will improve pump life. The design of Wear Resistance rings between pump body and impeller can avoid impeller a pump shell direct friction, turn down running cost. It is adopt coupling connection structure so it can easy repair without disassembled pipeline.

性能参数表

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转 速 Rotate Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NZ32-160	7.5	34.5	2	62	1.14	4	2900	50	32
	12.5	32	2		1.76				
	15	30	2.5		1.98				
	3.75	8.6	2	49	0.18	1.1	1450		
	6.3	8	2		0.28				
	7.5	7.5	2.5		0.31				
NZ32-200	7.5	51.8	2	48	2.21	7.5	2900	50	32
	12.5	50	2		3.55				
	15	48	2.5		4.09				
	3.75	12.9	2	37	0.36	1.5	1450		
	6.3	12.5	2		0.58				
	7.5	12	2.5		0.66				
NZ32-250	7.5	82	2	36	4.66	15	2900	50	32
	12.5	80	2		7.57				
	15	78.5	2.5		8.91				
	3.75	20.5	2	30	0.70	2.2	1450		
	6.3	20	2		1.14				
	7.5	16.2	2.5		1.10				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NZ40-160	15	34.2	2	53	2.64	7.5	2900	65	40
	25	32	2		4.11				
	30	30	2.5		4.63				
	7.5	8.55	2	60	0.29	1.5	1450		
	12.5	8	2		0.45				
	15	7.5	2.5		0.51				
NZ40-200	15	53.2	2	60	3.62	11	2900	65	40
	25	50	2		5.68				
	30	47.6	2.5		6.49				
	7.5	13.3	2	47	0.58	2.2	1450		
	12.5	12.5	2		0.91				
	15	11.9	2.5		1.03				
NZ40-250	15	81.2	2	40	8.30	22	2900	65	40
	25	80	2		13.63				
	30	78.4	2.5		16.02				
	7.5	20.3	2	48	0.86	3	1450		
	12.5	20	2		1.42				
	15	19.6	2.5		1.67				
NZ40-315	15	126.8	2	50	10.37	37	2900	65	40
	25	125	2		17.03				
	30	124	2.5		20.27				
	7.5	32.4	2	45	1.47	5.5	1450		
	12.5	32	2		2.42				
	15	31.7	2.5		2.88				
NZ50-160	30	36	2	66	4.46	11	2900	80	50
	50	32	2.3		6.61				
	60	28.4	3.3		7.04				
	15	9	2	60	0.61	1.5	1450		
	25	8	2.3		0.91				
	30	7.2	3.3		0.98				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NZ50-200	30	55.2	2	62	7.28	18.5	2900	80	50
	50	50	2.5		10.99				
	60	45.2	3.2		11.92				
	15	13.5	2	70	0.79	2.2	1450		
	25	12.5	2		1.22				
	30	11.5	2.5		1.34				
NZ50-250	30	84	2.5	54	12.72	37	2900	80	50
	50	80	2.5		20.19				
	60	75	2.5		22.71				
	15	21	2	59	1.45	4	1450		
	25	20	2		2.31				
	30	18.8	2.5		2.60				
NZ50-315	30	128	2.5	40	26.16	75	2900	80	50
	50	125	2.5		42.58				
	60	123	3		50.28				
	15	32.5	2	48	2.77	7.5	1450		
	25	32	2.5		4.54				
	30	31.5	3		5.36				
NZ65-160	60	37	3.8	54	11.20	22	2900	100	65
	100	32	4.3		16.15				
	120	28	5		16.96				
	30	9.25	3	68	1.11	2.2	1450		
	50	8	3.4		1.60				
	60	7	3.7		1.68				
NZ65-200	60	56	3.4	63	14.53	37	2900	100	65
	100	50	3.9		21.63				
	120	44	5.2		22.84				
	30	14	2.5	63	1.82	4	1450		
	50	12.5	2.5		2.70				
	60	11	3		2.85				

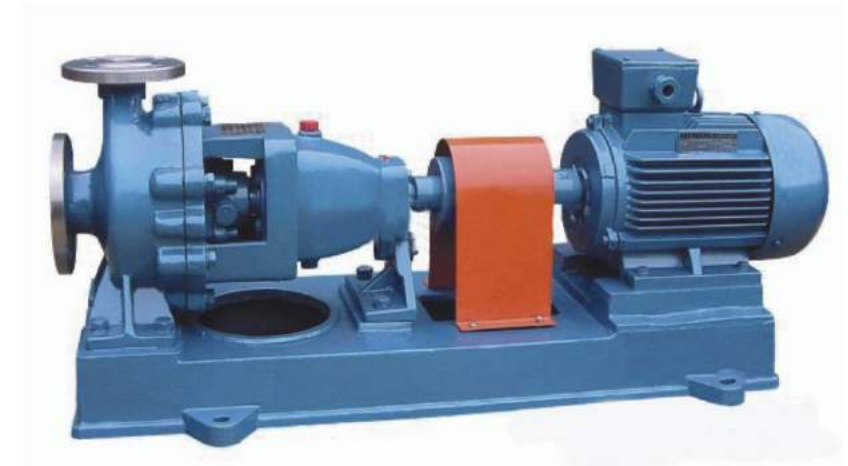
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NZ65-250	60	88	30	62	23.21	55	2900	100	65
	100	80	3.6		35.16				
	120	74	4.5		39.03				
	30	22	2.5	67	2.68	5.5	1450		
	50	20	2.5		4.07				
	60	18.5	3		4.51				
NZ65-315	60	132	2.8	66	32.70	75	2900	100	65
	100	125	3.2		51.61				
	120	119	4.2		58.96				
	30	33.5	2	62	4.42	11	1450		
	50	32	2		7.03				
	60	30.5	2.5		8.04				
NZ80-160	130	16	4.7	76	7.46	22	2900	125	80
	150	22	5.3		11.83				
	160	26	5.8		14.92				
	65	4	2.5	60	1.18	4	1450		
	70	5	2.8		1.59				
	75	8	3.5		2.73				
NZ80-200	110	26	4.5	49	15.91	45	2900	125	80
	130	26	5		18.80				
	150	38	5.8		31.70				
	65	9	2.5	53	3.01	11	1450		
	75	11	2.9		4.24				
	80	12	3.6		4.94				
NZ80-250	130	47	3.7	50	33.30	90	2900	125	80
	180	75	5.5		73.58				
	70	11	2	58	3.62	15	1450		
	90	19	3		8.03				

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NZ80-315	150	75	4	68	45.08	132	2900	125	80
	160	100	4.5		64.12				
	200	130	5		104.19				
	70	18	2.5	65	5.28	18.5	1450		
	85	25	2.5		8.91				
	100	32	3		13.42				
NZ80-400	75	30	2.5	63	9.73	37	1450	125	80
	90	40	2.5		15.57				
	100	50	3		21.63				
NZ100-200	150	61	4.5	62	40.22	55	2900	125	100
	200	50	5		43.95				
	240	41	5.8		43.25				
	60	15.3	2.5	60	4.17	7.5	1450		
	100	12.5	2.9		5.68				
	120	10.3	3.6		5.61				
NZ100-250	230	75	4.9	48	97.93	110	2900	125	100
	250	70	4.9		99.35				
	280	55	4.9		87.43				
	100	20	1.2	65.5	8.32	30	1450		
	120	14	1.2		6.99				
	130	10	1.2		5.41				
NZ100-315	230	127	5.5	59	134.91	160	2900	125	100
	250	125	5.5		144.33				
	270	110	5.5		137.17				
	100	32	1.5	52	16.77	30	1450		
	120	30	1.5		18.87				
	132	26	1.5		17.99				
NZ100-400	60	52	2.5	68	12.50	37	1450	125	100
	100	50	2.5		20.04				
	120	58.5	3		28.13				

NA/NE

石化流程泵

Petrochemical Process Pump



工作条件

Working Conditions

口径: 25-400mm
工作温度: -80℃-250℃
(加冷却系统可以达 400℃)
流量范围: 3m³/h-2600m³/h
扬程范围: 12.5m-300m
材质范围: 碳钢 不锈钢 耐腐耐磨金
设计标准: API610

Pump Diameter: 25-400mm
Working Temperature: -80-250 °C
(Add Cooling System can be up to 400 °C)
Flow Capacity Range: 3m³/h-2600m³/h
Pump Head Range: 12.5m-300m
Materials Range: Carbon Steel, Stainless Steel,
Anti-Corrosion and Anti-Wear Alloy
Designed Standard: API610

运用领域

Application Field

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送清洁或含一定固体颗粒和纤维物、低温或高温、中性或有腐蚀性的液体；各种温度和浓度的碱性溶液，各种盐溶液，各种液态石油化工产品，有机化合物，以及其它有腐蚀性的原料和产品。

Suitable for conveying clean or containing solid particles and fiber content, low temperature or high temperature, neutral or corrosive liquid. Various temperature and concentration of alkaline solution, various salt solution, all kinds of liquid petroleum and chemical products, organic compounds, and other corrosive materials and products.

设计说明

Designed Instruction

NA/NE 系列石化流程泵产品性能设计符合美国石油化学学会 API610 OH1 OH2 的标准，ZA 为脚支撑结构，NE 为两段支撑结构。产品相比 NZ 效率更高、范围更广、汽蚀性能更佳。是一款标准的石油化工流程泵。出口直径 80mm 以上的泵体均设计为双蜗壳，可以很好的平衡轴向力。泵体和泵盖连接形成承压壳体，具有高度安全性及可靠性。密封腔体设计完全符合 API682 结构，根据介质不同可以选择多种冲洗方案。泵体上面设有恒湿油杯，可自动控制油位，轴承设有三种冷却方式：空冷、风冷、水冷，以适应不同的工况。轴采用钢性轴设计，泵轴挠度小、运行平稳，采用全隔离轴套，完全避免轴和介质接触，提高寿命；泵体和叶轮耐磨口环的设计避免叶轮和泵壳的直接摩擦、降低运行成本。泵采用联轴器结构，维修不需要拆卸管路，维护方便。

NA/NE Series Petrochemical Process Pump's design performance is conform to the American National Institute of petrochemical API 610 OH1 OH2 Standards. ZA Series is designed with Foot support structures, NE series is created with two stage support bracket structures. Compared to NZ Series, it have high efficiency, Wider range, more excellent cavitation performance. It is Standard Petrochemical process pump. Outlet diameter more than 80 mm of pump body designed with double volutes. It can keep an very good balance of axial force. Pump Body and Pump Cover connection formation pressure shell. With high safety reliability. Sealed cavity design completely API 682 Structures. It can choose all kinds of flushing plan according different running operation. It is designed with constant temperature oil cup on pump body, it can automatically control the oil level. There have three cooling methods for bearing: Air-Cooling, wind cooling, Water Cooling. It can suitable for different pumping operation. Pump shaft used steel shaft design, with small immunity of pump shaft. It can smoothly running. It take full insulate kit, it can absolutely avoid pump shaft connect with liquids to improve pump life. It can avoid impeller and pump body directly friction, then reduce running cost by special designed with wear resistant ring Between pump body and impeller. Pump and motor connected by coupling structure, it is not need disassembled pipeline when maintain, easy Maintenance.

性能参数表

Performance parameters of the table

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor power (KW)	电机型号 Motor model	转 速 Rotating Speed (r/min)	口径 diameter (mm)	
										进口 Inlet	出口 Outlet
NA/NE25-200	A	11.5	49	1.8	37	4.1	5.5	Y132S1-2	2950	50	50
	B	10.5	42	1.6	36	3.3	4	Y112M-2			
	C	9	36	1.6	35	2.5	3	Y100L-2			
	D	7.5	28	1.6	34	1.7	2.2	Y90L-2			
	A	5.5	12	0.5	36	0.53	1.1	Y90S-4	1475		
	B	5.4	11	0.4	35	0.46	1.1	Y90S-4			
	C	4.6	8.5	0.4	34	0.31	1.1	Y90S-4			
	D	4	6.5	0.4	33	0.21	1.1	Y90S-4			
NA/NE25-250	A	16	70	2	29	10.5	11	Y160M1-2	2950	50	50
	B	14.5	62	2	26	9.4	11	Y160M1-2			
	C	13.6	42	1.8	23	6.8	7.5	Y132S2-2			
	D	11.3	24	1.8	17	4.3	5.5	Y132S1-2			
	A	8.1	17.7	0.8	28	1.4	1.5	Y90L-4	1475		
	B	7.7	15.6	0.8	25	1.3	1.5	Y90L-4			
	C	7.2	10.9	0.6	22	1	1.5	Y90L-4			
	D	6	6.2	0.6	16	0.6	1.1	Y90S-4			

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor power (KW)	电机型号 Motor model	转 速 Rotating Speed (r/min)	口径 diameter (mm)	
										进口 Inlet	出口 Outlet
NA/NE25-315	A	20	128	1.8	29	24	30	Y200L1-2	2950	50	25
	B	18.6	116	1.6	28	21	30	Y200L1-2			
	C	17	99	1.6	27	17	22	Y180M-2			
	D	15.7	87	1.5	26	14.3	18.5	Y160L-2			
	E	14.5	76	1.5	24	12.5	15	Y160M2-2			
	F	13	64	1.5	22	10.3	11	Y160M1-2			
	A	10	32.3	0.4	27	3.3	5.5	Y132S-4	1475		
	B	9.2	29	0.4	26	2.8	4	Y112M-4			
	C	8.3	24.3	0.4	25	2.2	3	Y100L2-4			
	D	7.6	22	0.35	24	1.9	3	Y100L2-4			
	E	7.1	19.5	0.35	22	1.7	2.2	Y100L1-4			
	F	6.4	16	0.35	20	1.4	2.2	Y100L1-4			
NA/NE40-160	A	28	33	3	62	4.1	5.5	Y132S1-2	2950	65	40
	B	25.6	29	2.5	61	3.3	5.5	Y132S1-2			
	C	22	22	1.5	58	2.3	4	Y12M-2			
	D	20	16	1.5	55	1.6	2.2	Y90L-2			
NA/NE40-200	A	29	53	2.5	58	7.2	11	Y160M1-2	2950	65	40
	B	26	47	2	58	5.7	7.5	Y132S2-2			
	C	22	39	2	56	4.2	5.5	Y132S1-2			
	D	18	20	2.5	53	1.8	4	Y112M-2			
NA/NE40-250	A	32	78	2.5	53	12.8	18.5	Y160L-2	2950	65	40
	B	30	72	2.5	53	11.1	15	Y160M2-2			
	C	24	60	2	51	7.7	11	Y160M1-2			
	D	21	47	2	47	5.7	7.5	Y132S2-2			
NA/NE40-315	A	42	115	1.5	46	28.6	37	Y200L2-2	2950	65	40
	B	40	107	1.3	45	25.9	30	Y200L-2			
	C	34	81	1.1	42	17.9	22	Y180M-2			
	D	29	61	1	40	12	15	Y160M2-2			

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motorpower (KW)	电机型号 Motor model	转 速 Rotating Speed (r/min)	口径 diameter (mm)	
										进口 Inlet	出口 Outlet
NA/NE50-160	A	50	34	2.5	71	6.5	11	Y160M1-2	2950	80	50
	B	45	29	2	71	5	7.5	Y132S2-2			
	C	38	22	1.8	68	3.3	5.5	Y132S1-2			
	D	31	17	1.5	65	2.2	3	Y100L-2			
NA/NE50-200	A	62	52	2.5	68	12.9	18.5	Y160L-2	2950	80	50
	B	56	46	2.2	67	10.5	15	Y160M2-2			
	C	49	37	1.8	65	7.6	11	Y160M1-2			
	D	43	28	1.8	60	5.5	7.5	Y132S2-2			
NA/NE50-250	A	70	82	2.5	65	24	30	Y180L1-2	2950	80	50
	B	66	75	2.2	64	21.1	30	Y180L1-2			
	C	60	60	2	62	15.8	22	Y180M-2			
	D	50	45	1.7	60	10.2	15	Y160M2-2			
NA/NE50-315	A	87	115	2.5	56	48.7	55	Y250M-2	2950	80	50
	B	80	100	2	55	39.6	45	Y225M-2			
	C	70	78	1.6	54	27.5	37	Y200L2-2			
	D	57	57	1.4	50	17.7	22	Y180M-2			
NA/NE50-400	A	82	194	2.2	48	90.3	2.2	Y315S-2	2950	80	50
	B	78	175	2	47	79.1	2	Y280M-2			
	C	70	140	1.8	46	58	1.8	Y280S-2			
	D	60	102	1.6	43	38.8	1.6	Y225M-2			
NA/NE80-160	A	94	32	3	78	10.5	3	Y160M2-2	2950	80	50
	B	85	28	2.7	77	8.4	2.7	Y160M1-2			
	C	76	23	2.5	76	6.3	2.5	Y160M1-2			
	D	66	17	2.3	71	4.3	2.3	Y132S1-2			
	A	47	8	0.9	75	1.4	2.2	Y100L2-4	1475		
	B	42	7	0.8	74	1.1	2.2	Y100L2-4			
	C	38	5.5	0.8	72	0.8	1.5	Y90L-4			
	D	34	4	0.7	66	0.6	1.5	Y90L-4			

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor power (KW)	电机型号 Motor model	转 速 Rotating Speed (r/min)	口径 diameter (mm)	
										进口 inlet	出口 outlet
NA/NE80-200	A	103	54	3.2	76	19.9	3.2	Y200L1-2	2950	100	80
	B	95	48	3	75	16.6	3	Y180M-2			
	C	84	38	3	72	12.1	3	Y160M2-2			
	D	70	31	2.8	67	8.8	2.8	Y160M1-2			
	A	51	13.5	0.8	74	2.5	4	Y112M-4	1475		
	B	47	12	0.8	73	2.1	3	Y100L2-4			
	C	41	9.5	0.8	71	1.5	2.2	Y100L1-4			
	D	36	7.5	1	66	1.1	1.5	Y90L-4			
NA/NE80-250	A	127	82	4.2	74	38.3	4.2	Y225M-2	2950	100	80
	B	120	76	3.8	73	34	3.8	Y225M-2			
	C	105	59	3.5	72	23.4	3.5	Y200L1-2			
	D	87	45	3.5	66	16.2	3.5	Y180M-2			
	A	64	20	1.5	72	4.8	7.5	Y132M-4	1475		
	B	60	19	1.3	71	4.4	7.5	Y132M-4			
	C	52	14.5	1	66	3.1	4	Y112M-4			
	D	46	11	1	63	2.2	3	Y100L2-4			
NA/NE80-315	A	141	127	4.3	69	70.7	4.3	Y280M-2	2950	100	80
	B	135	121	4	68	65.4	4	Y280S-2			
	C	115	97	3.2	66	46	3.2	Y250M-2			
	D	90	74	3	61	29.7	3	Y200L2-2			
	A	70	33	1.1	65.5	9.6	15	Y160L-4	1475		
	B	66	30	1	65	8.3	15	Y160L-4			
	C	56	24	1	63	5.8	11	Y160M-4			
	D	45	18	0.8	58	3.8	5.5	Y132S-4			
NA/NE80-400	A	171	187	4	61	142.8	4	Y315L-2	2950	100	80
	B	159	170	3.5	61	120.7	3.5	Y315L1-2			
	C	136	130	3	57	84.5	3	Y315S-2			
	D	110	95	2.8	55	51.7	2.8	Y280S-2			
	A	85	46	1	58	18.4	22	Y180L-4	1475		
	B	80	42	0.8	57	16.1	18.5	Y180M-4			
	C	65	33	0.6	54	10.8	15	Y160L-4			
	D	53	25	0.5	50	7.2	11	Y160M-4			

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀 余量 NPSH(m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor power (KW)	电机型号 Motor model	转速 Rotating Speed (r/min)	口径 diameter (mm)	
										进口 Inlet	出口 Outlet
NA/NE100-160	A	162	29	4.5	81	15.8	4.5	Y180M-2	2950	150	100
	B	150	24	4.2	80	12.3	4.2	Y160M2-2			
	C	130	17	4	78	7.7	4	Y160M1-2			
	D	110	12	3.5	71	5.1	3.5	Y132S2-2			
	A	81	7.2	1.5	79.5	2	3	Y100L2-4	1475		
	B	73	6	1.4	77	1.6	2.2	Y100L1-4			
	C	63	4.3	1.2	74	1	1.5	Y90L-4			
	D	55	3	1	71	0.63	1.1	Y90S-4			
NA/NE100-200	A	193	50	3.5	81	32.4	3.5	Y225M-2	2950	150	100
	B	180	44	3	80	27	3	Y200L2-2			
	C	155	35	2.8	77	19.2	2.8	Y200L1-2			
	D	135	26	2.8	72	13.3	2.8	Y160L-2			
	A	95	12.5	1.1	79	4.1	5.5	Y132S-4	1475		
	B	90	10.5	1	77	3.3	5.5	Y132S-4			
	C	80	8.5	0.9	74	2.5	4	Y112M-4			
	D	70	6	0.9	71	1.6	3	Y100L2-4			
NA/NE100-250	A	230	79	4.5	81	61.1	4.5	Y280S-2	2950	150	100
	B	218	73	4	80	54.2	4	Y280S-2			
	C	190	58	4	79	38	4	Y225M-2			
	D	170	44	4	78	26.1	4	Y200L2-2			
	A	115	20	1.2	79.5	7.9	11	Y160M-4	1475		
	B	110	18	1	79	6.8	11	Y160M-4			
	C	100	14	1	78	4.9	7.5	Y132M-4			
	D	90	10	1	76	3.2	5.5	Y132S-4			
NA/NE100-315	A	250	126	3.8	75	114.4	3.8	Y315M-2	2950	150	100
	B	240	120	3.6	75	104.6	3.6	Y315M-2			
	C	203	97	2.8	71	75.5	2.8	Y280M-2			
	D	170	71	2.5	66	49.8	2.5	Y280S-2			
	A	125	31	1.2	73	14.5	18.5	Y180M-4	1475		
	B	119	29	1	73	12.9	18.5	Y180M-4			
	C	104	24	1	69	9.9	15	Y160L-4			
	D	83	17.5	1	65	6.1	11	Y160M-4			

NFY FYS

长轴液下泵

NFY FYS Long Shaft Submerged Pump



工作条件

口径: 25-200mm
 工作温度: -20℃-200℃ (NFY)
 -20℃-100℃ (FYS)
 流量范围: 2m³/h-400m³/h
 扬程范围: 5m-125m
 材质范围: SS304 SS316, SS316L,
 UHMW-PE, FRP, F46 / PFA
 设计标准: API610 (VS4)
 Pump Diameter: 25-200mm
 Working Temperature: -20-200 °C (NFY)
 -20-100 °C (FYS)
 Flow Capacity Range: 2 m³/h-400m³/h
 Pump Head Range: 5 m-125m
 Materials Range: SS304 SS316, SS316L,
 UHMW-PE, FRP, F46 / PFA
 Designed Standard: API 610 (VS4)

运用领域

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。
 Biological medicine, petrochemicals, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

广泛应用于工业废水抽送、表面处理、硫酸、硫磺液或其他中性或腐蚀性、清洁或含一定颗粒及纤维物的介质输送工艺。
 Widely used in industrial waste water pumping, surface treatment, sulfuric acid, sulfur liquid or other neutral or corrosive, clean or contain some particle and fiber content of the medium transmission process.

设计说明

NFY/FYS 系列长轴液下泵属于单级单吸立式泵，结构设计符合 API610 的 VS4 标准。泵轴采用可靠的挠轴形式，可使泵体插入液下深度最大可达 7m。泵轴液下部分采用滑动轴承支撑，取消了轴封，液上部分采用角接触球轴承支撑，润滑方式为脂润滑。专门设计的轴向调整结构可调整叶轮背叶片与泵盖之间的间隙，同时独特的平衡腔结构具有卸压作用，保证轴向力的平衡。为了保证滑动轴承的长期稳定运转，设计了自冲洗及外冲洗两种方式对滑动轴承进行润滑和冷却。对于不同的泵送介质，可根据介质的温度及内含颗粒情况，选择合适的冲洗方式。滑动轴承下部设有填料，进一步阻止杂质进入滑动轴承，防止磨性轴承，延长了泵的使用寿命。

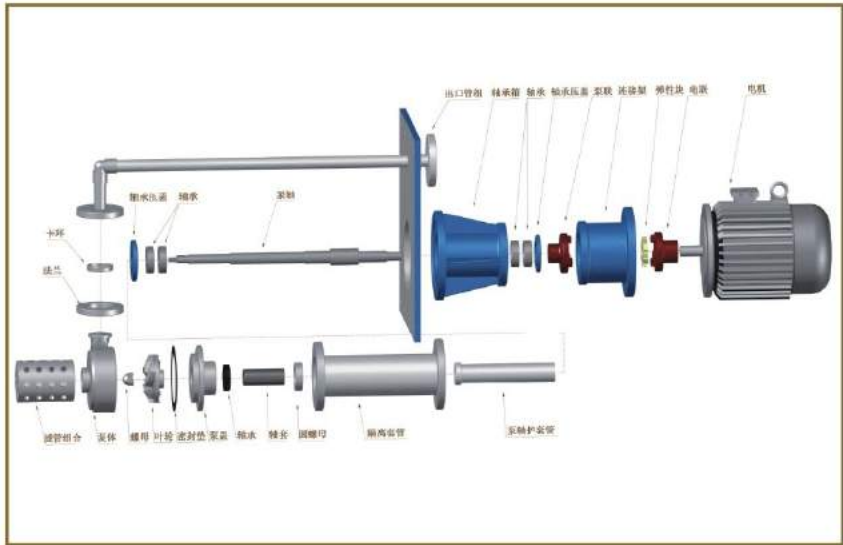
性能参数表

Performance parameters of the table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motorpower (KW)	转速 Rotating Speed (r/min)	高度 液下深度 (mm)	口径 diameter (mm)	
								进口 Inlet	出口 Outlet
FYS25-25	1.5	27	16	0.69	2.2	2900	500-3000	25	20
	2.5	25	18	0.95					
	3.5	20	17	1.12					
FYS32-20	3.5	22	27	0.78	1.5	2900	500-3000	32	25
	5.5	20	25	1.20					
	7.5	16	23	1.42					
FYS40-20	5	22	35	0.86	2.2	2900	500-3000	40	32
	7.5	20	39	1.05					
	10	16	36	1.21					
FYS50-25	10	28	36	2.12	4	2900	500-3000	50	40
	12.5	25	37	2.30					
	18	16	32	2.45					
FYS50-50	7.5	52	32	3.32	7.5	2900	500-3000	50	32
	12.5	50	33	5.16					
	15	48	35	5.61					
FYS65-20	15	21.5	43	2.04	5.5	2900	500-3000	65	50
	25	20	58	2.35					
	30	18.5	59	2.56					
FYS65-32	15	34	42	3.31	7.5	2900	500-3000	65	50
	25	32	55	3.96					
	30	28	57	4.02					
FYS65-50	15	53	39	5.55	11	2900	500-3000	80	40
	25	50	50	6.81					
	30	46	51	7.37					
FYS80-20	30	23	56	3.36	7.5	2900	500-3000	80	65
	50	20	65	4.19					
	60	17	53	5.24					
FYS80-32	30	36	54	5.45	11	2900	500-3000	80	65
	50	32	63	6.92					
	60	28	53	8.64					

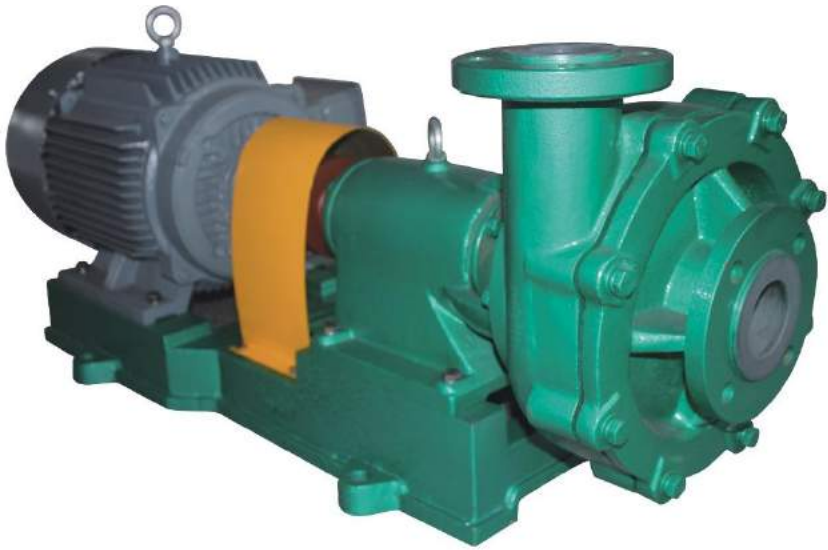
型号 Model No	流量 Flow Capacity (m ³ /h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor power (KW)	转速 Rotating Speed (r/min)	高度 液下深度 (mm)	口径 diameter (mm)	
								进口 Inlet	出口 Outlet
FYS80-50	30	55	55	8.18	18.5	2900	500-3000	80	50
	50	50	50	13.63					
	60	45	45	16.35					
FYS100-20	60	24	60	6.54	15	2900	500-3000		80
	100	20	65	8.38					
	120	16	64	8.18					
FYS100-32	60	36	58	10.15	18.5	2900	500-3000	100	80
	100	32	66	13.21					
	120	28	65	14.09					
FYS100-50	60	56	60	15.26	22	2900	500-3000		65
	100	50	68	20.04					
	120	44	67	21.47					

三维图及材质结构图 Three dimensional figure and material structure



UHB-ZK 耐腐耐磨砂浆泵

UHB-ZK Corrosion Wear Resistant Slurry Pump



工作条件 Working Conditions

口径: 25-350mm
工作温度: -20℃-80℃
流量范围: 3m³/h-2000m³/h
扬程范围: 15m-80m
材质范围: 钢衬超高分子量聚乙烯
设计标准: GB/T5656

Pump Diameter: 25-350mm
Working Temperature: -20-80 °C
Flow Capacity Range: 3m³/h-2000m³/h
Pump Head Range: 15 m-80m
Materials Range: Lining UHMW-PE
Designed Standard: GB/T5656

运用领域 Application Field

脱硫循环、有色金属冶炼、造纸业、硫酸磷肥业、石油化工、精细化学、电力、冶金行业、水处理(排污)、矿业。

Desulfurization cycle, non-ferrous metal smelting industry, paper industry, acid phosphate fertilizer industry, petrochemical industry, fine chemical, electric power, metallurgy industry, water treatment (discharge), mining.

产品用途 Pump Usage

适合输送含固量在 40% 以下的中性或者腐蚀性浆液。在脱硫脱硝、化肥、制盐等行业有出色的表现。

Suitable for conveying solid content under 40% neutral or corrosive slurry. In desulfurization denitration, chemical fertilizer, salt and other industries have excellent performance.

设计说明
Designed Instruction

UHB-ZK 系列砂浆泵属于单级单吸式离心泵,该泵是专门为输送具有一定腐蚀性且含有颗粒或者结晶的介质而设计。叶轮为半开式,增强了流道的通过性;轴封分为 K 型密封环外带冷却水装置和外装式波纹管机械密封 3 种,兼顾了对磨和耐磨的双重要求;即适合清液也适用料浆。耐磨性是碳钢、不锈钢的 6-7 倍,具有自润滑性,摩擦系数低。是代替高昂的耐磨合金材料的最佳选择。

UHB-ZK Series Slurry Pump belongs to a single stage single suction centrifugal pump which is designed for conveying liquids contain corrosive and particles or crystallized mediums. Impeller is semi-opened type, it enhance the flow channel through ability. Shaft Seal is divided into K Type Sealing ring with outside cooling water system device and external bellows mechanical seal. It will have dual requirements of anti corrosive and Wear Resistance. It is not only suitable for transfer clean liquids, but also available to transfer slurry liquids. Wear -Resistance performance is more than 6 to 7 times of carbon steel, stainless steel. It have self-lubrication functions with low friction coefficient. It is best choose of instead high wear-resistant alloy materials.

性能参数表
Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m ³ /h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽蚀 余量 NPSH(m)	口径 Diameter (mm)	
								进口 Inlet	出口 outlet
40UHB-ZK-10-20	5	23	3	2900	20	1.6	3	40	32
	10	20			25	2.2			
	15	18			28	2.6			
40UHB-ZK-10-30	5	32	4	2900	30	1.5	3	40	32
	10	30			36	2.3			
	15	26			30	3.5			
50UHB-ZK-20-20	15	23	4	2900	30	3.1	3	50	40
	20	20			32	3.4			
	25	18			35	3.5			
50UHB-ZK-20-30	15	32	5.5	2900	33	4.0	3	50	40
	20	30			37	4.4			
	25	28			40	4.8			
65UHB-ZK-30-20	20	25	5.5	2900	35	3.9	3.5	65	50
	30	20			42	4.1			
	35	18			37	4.4			
65UHB-ZK-30-30	20	35	7.5	2900	38	5.0	3.5	65	50
	30	30			42	5.8			
	40	26			45	6.3			
65UHB-ZK-30-50	20	55	15	2900	30	10.0	3.5	65	50
	30	50			35	11.7			
	40	45			38	12.9			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)											
								进口 Inlet	出口 outlet										
65UHB-ZK-25-70	18	78	18.5	2900	35	10.9	18.5	65	50										
	25	75			43	11.9													
	35	70			50	13.4													
80UHB-ZK-50-20	40	23	11	2900	33	7.6	11	80	65										
	50	20			35	7.8													
	60	18			30	9.8													
80UHB-ZK-50-30	30	33	15	2900	35	7.7	15			80	65								
	50	30			42	9.7													
	60	26			36	11.8													
80UHB-ZK-50-50	30	33	18.5	2900	35	7.7	18.5					80	65						
	50	50			42	16.2													
	60	40			36	18.2													
80UHB-ZK-50-80	30	83	30	2900	36	18.9	30							80	65				
	50	80			46	23.3													
	60	70			42	27.3													
100UHB-ZK-60-35	50	37	18.5	2900	45	11.2	18.5	100	80										
	60	35			47	12.2													
	70	32			49	12.5													
100UHB-ZK-65-50	50	55	22	2900	45	16.7	22			100	80								
	60	50			47	17.4													
	70	45			49	17.5													
100UHB-ZK-100-20	80	23	18.5	2900	32	15.7	18.5					100	80						
	100	20			32	17.0													
	120	15			28	17.5													
100UHB-ZK-100-30	80	35	22	2900	43	17.7	22							100	80				
	100	30			44	18.6													
	140	23			46	19.1													
100UHB-ZK-100-40	80	45	30	2900	44	22.3	30									100	80		
	100	40			42	26.0													
	137	24			31	28.9													
100UHB-ZK-100-50	80	58	45	2900	40	31.6	45											100	80
	100	50			42	32.4													
	120	42			36	38.2													

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽 蚀 余 量 NPSH(m)	口径Diameter(mm)											
								进口 Inlet	出口 Outlet										
100UHB-ZK-100-80	80	82	55	2900	42	42.6	4	100	80										
	100	80			46	47.4													
	120	60			38	51.6													
125UHB-ZK-120-20	100	23	22	2900	42	14.9	4.5	125	100										
	120	20			43	15.2													
	150	15			35	17.5													
125UHB-ZK-120-32	100	35	30	2900	42	22.7	4.5			125	100								
	120	32			46	22.8													
	140	25			38	25.1													
125UHB-ZK-120-50	100	55	45	2900	40	37.5	4.5					125	100						
	120	50			43	38.0													
	130	40			36	39.4													
125UHB-ZK-120-60	100	65	55	2900	42	52.1	4.5							125	100				
	120	60			45	43.6													
	140	56			48	44.5													
125UHB-ZK-140-28	100	32	30	2900	40	21.8	4.5									125	100		
	140	28			45	23.7													
	160	24			36	29.1													
125UHB-ZK-140-50	120	55	55	2900	46	39.1	4.5											125	100
	140	50			49	38.9													
	160	40			42	41.5													
150UHB-ZK-200-20	150	23	37	1450	34	27.7	4.5	150	125										
	200	20			36	30.3													
	240	17			32	34.7													
150UHB-ZK-200-32	150	40	45	1450	41	39.9	5			150	125								
	200	32			46	37.9													
	240	24			50	31.4													
150UHB-ZK-250-20	200	26	37	1450	38	37.3	5					150	125						
	250	20			42	32.4													
	300	15			45	27.3													
150UHB-ZK-250-30	200	35	45	1450	45	42.4	5							150	125				
	250	30			46	44.3													
	300	25			41	19.8													

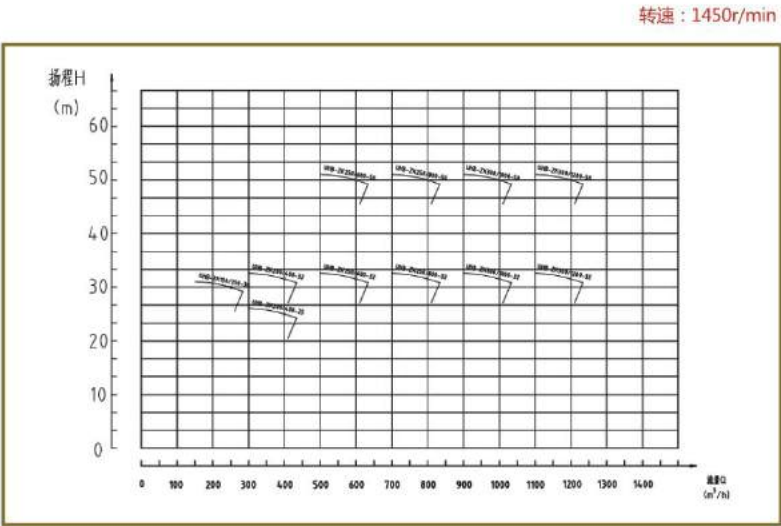
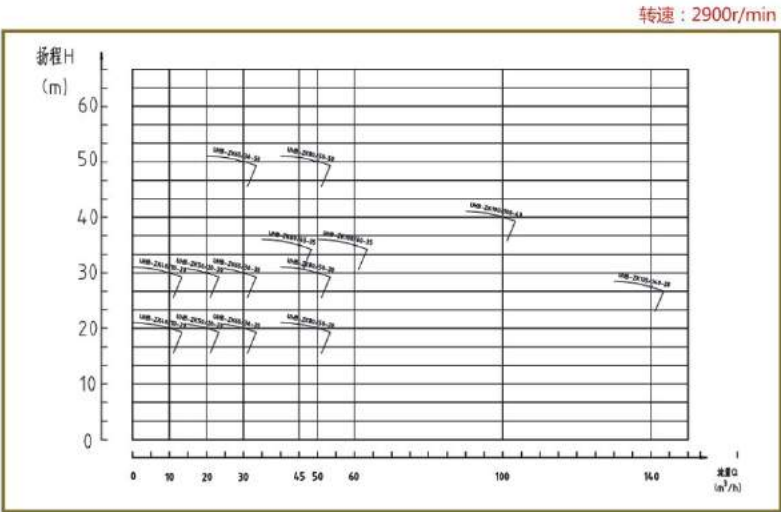
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽蚀 余量 NPSH(m)	口径Diameter(mm)			
								进口 Inlet	出口 outlet		
200UHB-ZK-300-25	250	28	45	1450	51	37.4	5.5	200	150		
	300	25			52	39.3					
	320	20			42	41.5					
200UHB-ZK-300-38	250	42	75	1450	46	62.2	5.5				
	300	38			48	64.7					
	320	32			41	68.6					
200UHB-ZK-300-70	250	75	132	1450	60	85.2	5.5				
	300	70			62	92.3					
	350	65			56	110.7					
200UHB-ZK-400-20	350	23	55	1450	54	40.2	5.5				
	400	20			54	40.4					
	460	16			49	42.7					
200UHB-ZK-400-32	240	39	90	1450	55	46.7	5.5				
	400	32			62	56.3					
	500	25			57	59.8					
250UHB-ZK-500-32	400	35	90	1450	46	82.9	5.5				
	500	32			52	84.0					
	600	23			43	87.5					
250UHB-ZK-600-20	500	23	75	1450	46	68.1	5.5	250	200		
	600	20			48	68.1					
	700	18			43	79.9					
250UHB-ZK-600-32	500	35	110	1450	50	95.4	6				
	600	32			52	100.6					
	700	28			56	102.2					
250UHB-ZK-600-50	500	53	160	1450	56	129.0	6				
	600	50			62	131.9					
	700	40			52	146.7					
300UHB-ZK-1000-20	850	23	110	1450	54	98.7	7	300	250		
	1000	20			55	99.1					
	1100	16			46	104.3					
300UHB-ZK-1000-30	850	35	160	1450	59	137.4	7				
	1000	30			59	138.6					
	1100	27			56	144.5					

型 号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	汽蚀 余量 NPSH(m)	口径 Diameter(mm)	
								进口 Inlet	出口 Outlet
300UHB-ZK-1000-50	850	55	250	1450	59	215.9	7	300	250
	1000	50			60	227.1			
	1100	48			62	232.1			
300UHB-ZK-1200-20	1000	23	160	1450	63	99.5	6.5	300	250
	1200	20			63	103.8			
	1400	16			43	142.0			
300UHB-ZK-1200-30	1000	32	185	1450	58	150.3	6.5	250	300
	1200	30			60	163.5			
	1400	28			61	175.1			
350UHB-ZK-1400-20	1100	23	132	1450	70	98.5	6.5	250	300
	1400	20			71	107.5			
	1500	16			60	109.0			
350UHB-ZK-1400-32	1250	35	250	1450	67	177.9	7	250	300
	1400	32			68	179.5			
	1600	27			56	210.2			
350UHB-ZK-1600-20	1400	22	200	1450	53	158.4	7	250	300
	1600	20			55	158.6			
	1800	18			48	183.9			
350UHB-ZK-1600-32	1400	35	250	1450	61	218.9	6.5	250	300
	1600	32			62	225.0			
	1800	27			58	228.2			

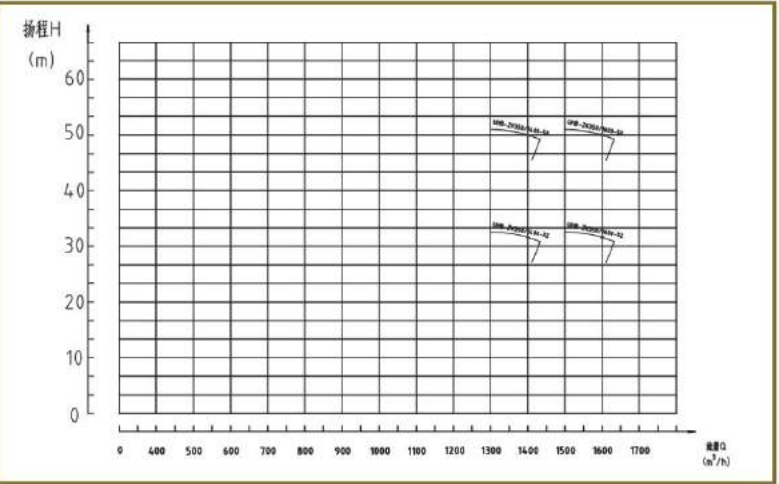
型号意义
Model significance



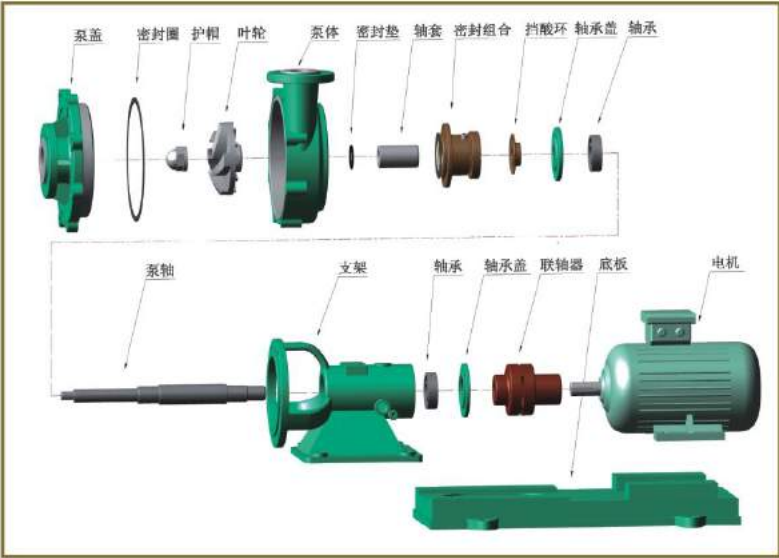
性能曲线
Performance curve



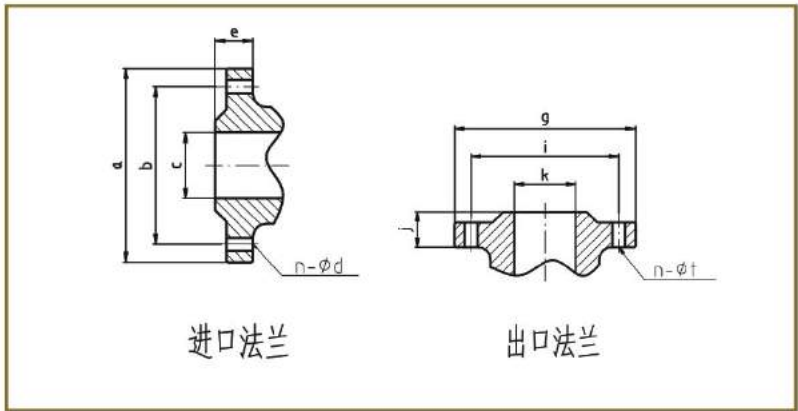
转速：980r/min



三维图及材质结构图
Three dimensional figure and material structure

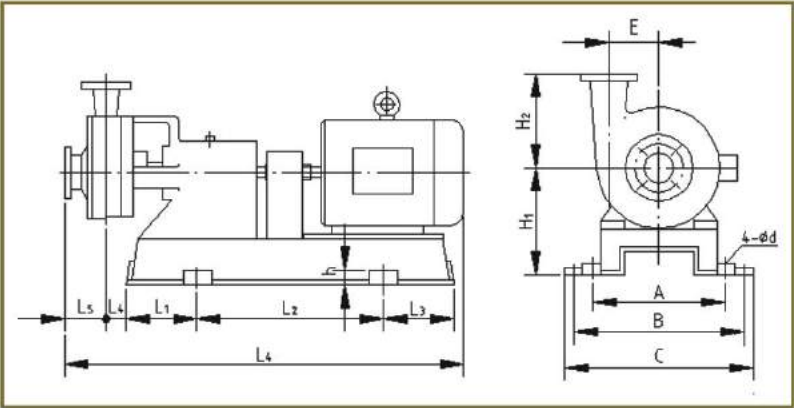


安装尺寸
Installation dimensions

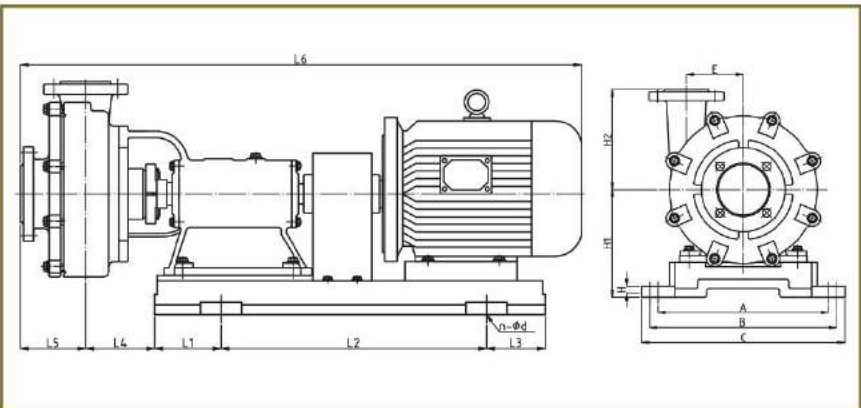


型 号 Model No	进口法兰 Inlet Flange					出口法兰 Outlet Flange				
	c	a	b	e	n-d	k	g	i	j	n-t
UHB-ZK40/10-20	40	150	110	20	4-14	32	140	110	20	4-18
UHB-ZK40/10-30	40	150	110	20	4-14	32	140	110	20	4-18
UHB-ZK50/20-20	50	165	125	23	4-18	40	130	110	23	4-14
UHB-ZK50/20-30	50	140	110	23	4-14	40	130	110	23	4-14
UHB-ZK65/30-20	65	180	145	25	4-18	50	140	110	23	4-14
UHB-ZK65/30-30	65	180	145	25	4-18	50	140	110	23	4-14
UHB-ZK65/30-50	65	180	145	25	4-18	50	140	110	23	4-14
UHB-ZK80/45-35	80	195	160	27	4-18	65	185	145	25	4-18
UHB-ZK80/50-20	80	195	160	27	4-18	65	185	145	25	4-18
UHB-ZK80/50-30	80	195	160	27	4-18	65	185	145	25	4-18
UHB-ZK80/50-50	80	195	160	27	4-18	65	185	145	25	4-18
UHB-ZK100/60-35	100	220	180	29	8-18	80	195	160	27	8-18
UHB-ZK100/60-50	100	220	180	29	8-18	80	195	160	27	8-18
UHB-ZK100/100-40	100	220	180	29	8-18	80	195	160	27	8-18

型 号 Model No	进口法兰					出口法兰				
	c	a	b	e	n-d	k	g	i	j	n-t
UHB-ZK125/140-28	125	245	210	26	8-18	100	220	180	30	8-18
UHB-ZK150/250-30	150	280	240	22	8-23	125	245	210	22	8-20
UHB-ZK200/400-25	200	335	295	22	8-23	150	280	240	20	8-23
UHB-ZK200/400-32	200	335	295	22	8-23	150	280	240	20	8-23
UHB-ZK200/500-32	250	405	355	28	12-28	200	335	295	21	12-23
UHB-ZK250/600-32	250	405	355	28	12-28	200	335	295	21	12-23
UHB-ZK250/600-50	250	405	355	28	12-28	200	335	295	21	12-23
UHB-ZK250/800-32	250	405	355	28	12-28	200	335	295	21	12-23
UHB-ZK250/800-50	250	405	355	28	12-28	200	335	295	21	12-23
UHB300/1000-32	300	460	410	28	12-28	250	405	355	21	12-28
UHB-ZK300/1000-50	300	460	410	28	12-28	250	405	355	21	12-28
UHB-ZK300/1200-32	300	460	410	28	12-28	250	405	355	21	12-28
UHB-ZK300/1200-50	300	460	410	28	12-28	250	405	355	21	12-28
UHB-ZK350/1400-32	350	520	470	28	16-28	300	460	410	21	12-28
UHB-ZK350/1400-50	350	520	470	28	16-28	300	460	410	21	12-28
UHB-ZK350/1600-32	350	520	470	28	16-28	300	460	410	21	12-28
UHB-ZK350/1600-50	350	520	470	28	16-28	300	460	410	21	12-28



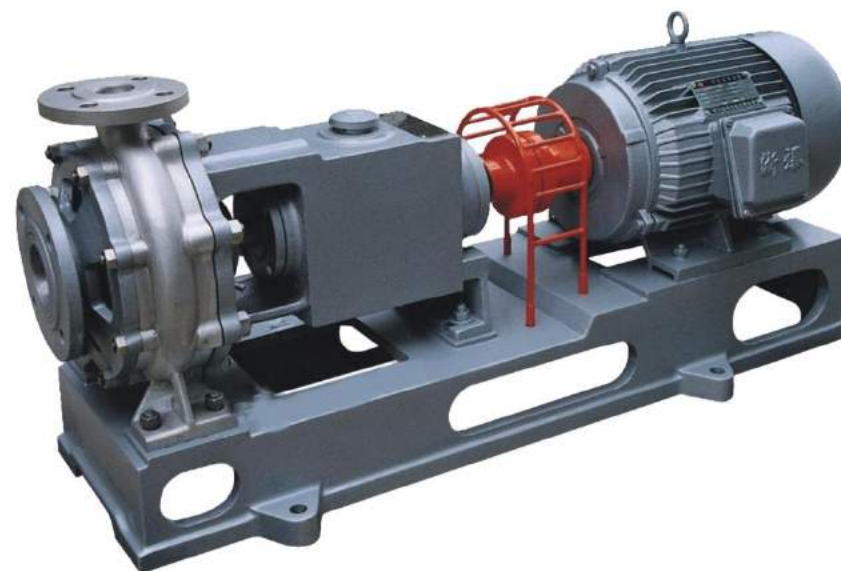
型号Model No	A	B	C	E	H1	H2	L1	L2	L3	L4	L5	L6	H	4-d
UHB-ZK40/10-20	260	260	300	93	170	165	120	330	130	110	135	900	20	4-18
UHB-ZK40/10-30	250	300	325	93	162	165	75	455	75	110	135	960	15	4-18
UHB-ZK50/20-20	320	340	380	95	212	176.5	175	400	175	90	120	1020	22	4-20
UHB-ZK50/20-30	320	340	380	95	212	176.5	175	400	175	90	116	1060	22	4-20
UHB-ZK65/30-20	320	340	380	125	212	220	175	400	175	105	120	1070	25	4-20
UHB-ZK65/30-30	320	340	380	125	212	220	175	400	175	105	120	1070	25	4-20
UHB-ZK65/30-50	320	400	425	125	278	220	150	530	180	110	120	1075	25	4-30
UHB-ZK80/45-35	320	400	425	125	278	220	150	530	180	110	130	1105	25	4-30
UHB-ZK80/50-20	320	400	425	125	278	220	150	530	180	110	130	1105	25	4-30
UHB-ZK80/50-30	320	400	425	125	278	220	150	530	180	110	130	1105	25	4-30
UHB-ZK80/50-50	320	400	425	125	278	220	150	530	180	110	130	1405	25	4-30
UHB-ZK100/60-35	385	480	540	130	318	225	188	705	263	115	130	1405	30	4-25
UHB-ZK100/60-50	385	480	540	130	318	225	188	705	263	115	130	1430	30	4-25
UHB-ZK100/100-40	385	480	540	130	318	225	188	705	263	115	130	1530	30	4-25
UHB-ZK125/140-28	395	485	560	131	308	218	210	670	210	140	164	1395	40	4-30
UHB-ZK150/250-30	500	600	660	-225	370	470	250	935	245	100	370	1990	50	4-30
UHB-ZK200/400-25	510	660	750	-235	395	480	245	1000	340	106	380	2166	50	4-30
UHB-ZK200/400-32	510	660	750	-235	395	480	245	1000	340	106	380	2166	50	4-30



NAZ

浆料泵

Slurry pump



工作条件

Working Conditions

口径: 25-400mm
工作温度: -20°C-250°C
流量范围: 3m³/h-1600m³/h
扬程范围: 6m-125m
材质范围: 不锈钢、耐腐耐磨合金
设计标准: ISO2858

Pump Diameter: 25-400mm
Working Temperature: -20-250 °C
Pump Diameter: >20-250 °C
Working Temperature: 3m³/h-1600m³/h
Pump Head Range: 6-125m
Materials Range: SS304, SS316, SS316L,
Anti-corrosive, Wear Resistant Alloy
Designed Standard: ISO2858

运用领域

Application Field

脱硫循环、有色金属冶炼业、造纸业、硫酸磷肥业、石油化工、精细化学、电力、冶金行业、水处理(排污)、矿业。

Desulfurization cycle, non-ferrous metal smelting industry, paper industry, acid phosphate fertilizer industry, petrochemical industry, fine chemical, electric power, metallurgy industry, water treatment (discharge), mining.

产品用途

Pump Usage

适合输送含固量在 40% 以下的中性或者腐蚀性浆液。在脱硫脱硝、化肥、制盐等行业有出色的表现。

Suitable for conveying solid content under 40% neutral or corrosive slurry. In desulfurization denitration, chemical fertilizer, salt and other industries have excellent performance.

型号Model No	A	B	E	H1	H2	L1	L2	L3	L4	L5	L6	4-d
UHB-ZK200/500-32	700	750	255	490	520	175	285	1200	1725	410	2230	4-28
UHB-ZK250/600-32	700	750	255	490	520	175	285	1200	1795	410	2465	4-28
UHB-ZK250/600-50	700	750	302	545	570	175	285	1200	1895	410	2495	4-28
UHB-ZK250/800-32	700	750	255	490	520	175	285	1200	1880	410	2495	4-28
UHB-ZK250/800-50	700	750	302	545	570	175	285	1200	1895	410	2495	4-28
UHB-ZK300/1000-32	760	810	300	545	575	175	300	1300	1985	410	2570	4-28
UHB-ZK300/1000-50	760	810	320	570	600	175	300	1300	2080	410	2800	4-28
UHB-ZK300/1200-32	760	810	300	545	575	175	300	1300	1985	410	2570	4-28
UHB-ZK300/1200-50	760	810	320	570	600	175	300	1300	2150	410	2800	4-28
UHB-ZK350/1400-32	760	810	390	630	650	190	330	1500	2180	425	2830	4-28
UHB-ZK350/1400-50	960	1010	430	670	700	260	400	1000X2	2800	425	3680	4-28
UHB-ZK350/1600-32	760	810	390	630	650	190	330	1500	2180	425	2830	4-28
UHB-ZK350/1600-50	960	1010	430	670	700	260	400	1000X2	2845	425	3680	4-28



设计说明

NAZ 系列浆料泵属于单级单吸离心式浆料泵。叶轮为 3-4 个叶片式，流道宽敞，旋转平稳性好，流道通过性强，可输送含固量小于 40% 的浆料。运行平稳，震动小，噪音低。机械密封符合 API682 要求，能实现多种冲洗方案选择。

NAZ series slurry pump belongs to a single-stage single-suction centrifugal slurry pump. Impeller is three or four leaf type, flow channel and spacious, rotational stability is good, flow through sex is strong, can deliver solid content less than 40% of the pulp. Smooth operation, little vibration, low noise. Mechanical seal conform to the requirements of the API682, can achieve a variety of washing scheme selection.

性能参数表

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/H)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 Outlet
NAZ40-25-200		3.8	59	26.3	35.9	5.5	2900	40	25
		6.3	55						
		7.5	50						
	A	3.3	50	25.5	2.7	4			
		5.5	46						
		6.6	41						
	B	2.9	45	24.8	2.11	3			
		4.8	40						
		5.7	34						
NAZ40-25-250		3.8	85	22.2	5.89	7.5	2900	40	25
		6	80						
		7.2	64						
	A	3.3	80	20.9	5.48	7.5			
		6	75						
		6.7	60						
	B	2.9	70	21.3	3.99	5.5			
		4.8	65						
		5.7	52						
	C	2.3	55	19.2	2.7	4			
		3.8	50						
		4.6	40						

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)	
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)		进口 Inlet	出口 outlet
NAZ50-32-160		3.8	9	26	0.53	0.75	1450	50	32
		6.3	8						
		7.5	6						
		7.5	35	30	3.63	5.5			
		12.5	32						
		15	29						
	A	6.7	30	29	2.89	4	2900		
		11.2	27.5						
		13.5	24						
	B	6.5	26	28	2.47	4			
		10.7	23.7						
		12.8	21						
C	6	23	27	2.07	3				
	10	20.5							
	12	18							
NAZ50-32-200		3.8	15	26.5	0.81	1.1	1450	50	32
		6.3	12.5						
		7.5	10						
		7.5	53	29.3	5.81	7.5			
		12.5	50						
		15	45						
	A	6.7	46	28.5	4.6	5.5	2900		
		11.2	43						
		13.5	38						
	B	8	42	27.5	4.03	5.5			
		10.7	38						
		12.8	34						
C	6	35	27	3.23	4				
	10	32							
	12	30							

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ65-50-125		7.5	5	47.5	0.32	0.55	1450	65	50
		12.5	4.5						
		15	3						
		15	20	49.5	2.48	3	2900		
		25	18						
		30	13						
	A	18.5	20	49	1.98	3			
		23	15.5						
		27.5	13						
	B	17	20	48.5	1.63	2.2			
		21.5	13.5						
		26	13						
	C	12	20	48	1.31	2.2			
		20	11.5						
		24	13						
NAZ65-50-160		7.5	9	51	0.53	0.75	1450	65	50
		12.5	8						
		15	6						
		15	35	53.5	4.05	5.5	2900		
		25	32						
		30	29						
	A	18.5	30	53.1	3.25	4			
		23	27.5						
		27.5	24						
	B	17	26	52.5	2.64	4			
		21.5	23.7						
		26	21						
	C	12	23	52	2.15	3			
		20	20.5						
		24	18						

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)	
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet
NAZ65-40-200		7.5	15	46	0.93	1.1	1450	65	40
		12.5	12.5						
		15	10						
		15	53	48.9	6.97	7.5	2900		
		25	50						
		30	45						
	A	18.5	46	48.2	5.71	7.5			
		23.5	43						
		27.5	38						
	B	17	42	46.5	4.66	5.5			
		21.5	37						
		26	34						
	C	12	35	45.5	3.83	5.5			
		20	32						
		24	30						
NAZ65-40-250		7.5	22	33.5	2.14	3	1450	65	40
		12.5	21 16						
		15	88						
		15	85	36.3	15.95	18.5	2900		
		25	70						
		30	80						
	A	18.5	73.5	35.2	13.37	15			
		23.5	65						
		27.5	68						
	B	17	63	34.5	10.7	15			
		21.5	55						
		26	60						
	C	12	55	33.5	9.03	11			
		20	50						
		24							

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ65-40-315		7.5	30	21.9	4.98	5.5	1450	65	40
		12.5	32						
		15	34						
		15	131	24	35.48	37	2900		
		25	125						
		30	121						
	A	18.5	115	23.2	30.64	37			
		23.5	111						
		27.5	102						
	B	17	95	21.5	25.2	30			
		21.5	92.5						
		26	88						
	C	12	83	20.4	21.37	30			
		20	80						
		24	77						
NAZ80-65-125		15	7	52.8	0.81	1.1	1450	80	65
		25	6.2						
		30	5						
		30	27	55.4	6.15	7.5	2900		
		50	25						
		60	22						
	A	27	25	54.6	5.05	7.5			
		45	22.5						
		54	18						
NAZ80-65-160		15	10	55.2	0.99	1.5	1450	80	65
		25	8						
		30	6.4						
		40	38	58.1	8.21	11			
		50	35						
		60	32						
	A	37	33	57	6.67	7.5			
		46.5	30						
		56	24						
	B	26	28	56	5.44	7.5			
		43	26						
		51.5	23						

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)		
								进口 Inlet	出口 outlet	
NAZ80-50-200		15	14	49.1	1.8	2.2	1450	80	50	
		25	12.5							
		30	10							
		30	55	52	13.62	15	2900			
		50	50							
		60	48							
		28	46							
	A	46.5	44.7	51.5	11	15				
		56	34.5							
		35	44							
	B	43.5	38.5	50	9.13	11				
		52	30.5							
NAZ80-50-250		15	21 20	45.2	3.01	4		1450	80	50
		25	16							
		30	86							
		30	82	48	23.27	30	2900			
		50	75							
		60	74							
		28	70.5							
	A	46.5	65	46.5	19.21	22				
		56	74							
		35	60.5							
	B	43.5	65	44.3	16.19	18.5				
		52	74							
		24	52.5							
	C	40	65	42.5	13.46	15				
		48								

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)	
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet
NAZ80-50-315		15	29	42.2	5.17	7.5	1450	80	50
		25	32						
		30	35						
		30	128	45	37.84	45	2900		
		50	125						
		60	120						
	A	28	111	42.5	32.2	37			
		46.5	108						
		56	103						
	B	35	98	40.2	27.27	30			
		43.5	92.5						
		52	87						
	C	24	85	38	22.95	30			
		40	80						
		48	75						
NAZ100-80-125		30	6.5	65.5	1.14	1.5	1450	100	80
		50	5.5						
		60	4						
		60	26	68.4	8.76	11	2900		
		100	22						
		120	18						
		NAZ100-80-160							
50	8								
60	6.4								
	60		35	58.3	14.96	18.5	2900		
	100		32						
	120		29						
A	54		28	57.6	11.07	15			
	90		26						
	108	24							

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转 速	口径Diameter(mm)					
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet				
NAZ100-65-200		30	14	58	2.94	4	1450	100	65				
		50	12.5										
		60	10										
		60	53	60.8	22.41	30	2900						
		100	50										
		120	45										
	A	56	46	58.5	18.63	22							
		93	43										
		111	35										
	B	51.5	41	57.5	15.08	18.5							
		86	37										
		103	33										
	C	64	46	54.2	12.87	15							
		80	35										
		96	32										
NAZ100-65-250		30	22 20	54.3	5.02	7.5		1450	100				65
		50	16										
		60	84										
		60	80	57	38.24	45	2900						
		100	75										
		120	73										
	A	56	69	55	31.79	37							
		93	64										
		111	63										
	B	51.5	59	53	26.09	30							
		86	45										
		103	55										
	C	64	51.2	50.6	22.06	30							
		80	46										
		96											

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ100-65-315		30	33	50.9	8.57	11	1450	100	65
		50	32 30						
		60	128						
		60	125	54	63.07	75	2900		
		100	120						
		120	111						
	A	56	108	52.8	51.83	55			
		93	103						
		111	98						
	B	51.5	92.5	50.2	43.68	45			
		87	87						
		103	85						
	C	64	80	48.5	40.45	45			
		90	75						
		96	15						
NAZ125-80-200		45	12.5	64.5	3.96	5.5	1450	125	80
		75	10						
		90	53						
		90	50	67	30.5	37	2900		
		150	45						
		180	46						
	A	84	43	66.5	24.58	30			
		139.5	39						
		168	40						
	B	78	37	65.2	19.95	22			
		129	33						
		155							

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (kW)	转速 Rotating Speed (r/min)	口径Diameter(mm)		
								进口 Inlet	出口 outlet	
NAZ100-65-200		60	15	65.5	5.2	7.5	1450	125	80	
		100	12.5							
		120	10							
	A	120	53	68	40.07	45	2900			
		200	50							
		240	45							
		111	46	63.5	34.32	37				
		186	43							
		220	39							
	B	103	40	62.1	27.92	30				
		172	37							
		206	33							
NAZ100-65-250		60	22	59.6	9.16	11		1450	125	100
		100	20 18							
		120	83							
		120	80	70	62.28	75	2900			
		200	75							
		240	72							
	A	111	69	69.5	50.32	55				
		186	65							
		220	62							
	B	103	59	68.8	40.19	45				
		172	55							
		206	54							
	C	96	51.2	68.5	32.59	37				
		160	48							
		192								

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ125-100-315		60	28	62.5	13.95	18.5	1450	125	100
		100	32						
		120	34						
	A	56	30	62	11.24	15			
		93	27.5						
		111	25						
	B	51.5	26	61	10.08	15			
		96	23.5						
		103	21						
	C	64	23	58.5	7.64	11			
		80	20.5						
		96	19						
NAZ125-100-400		60	53	54.9	24.82	30	1450	125	100
		100	50						
		120	45						
	A	56	46	54.1	20.14	22			
		93	43						
		111	35						
	B	51.6	41	52.5	18.44	22			
		96	37						
		103	33						
	C	64	46	51.2	13.62	18.5			
		80	32						
		96	25						
NAZ150-125-250		120	23	72	15.14	18.5	1450	150	125
		200	20						
		240	15						
	A	111	19	70	12.45	15			
		186	17.2						
		220	13						
	B	107	16	68	10.2	15			
		172	14.8						
		206	12						

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ150-125-315		120	34	66.5	6.22	30	1450	150	125
		200	32						
		240	28						
	A	111	30	66	21.12	30			
		186	27.5						
		220	25						
	B	103	26	64.5	17.08	18.5			
		172	23.5						
		206	21						
	C	96	23	62	14.42	18.5			
		160	20.5						
		192	19						
NAZ150-125-400		120	53	60	45.41	55	1450	150	125
		200	50						
		240	45						
	A	111	46	59.5	36.63	45			
		186	43						
		220	35						
	B	103	41	58	29.9	37			
		172	37						
		206	33						
	C	96	46	56	24.91	30			
		160	32						
		192	25						
NAZ175-150-250		180	22	68	24.04	30	1450	175	150
		300	20						
		360	16						
		162	18	67.5	17.44	22			
		270	16						
		324	12						

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)					
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet				
NAZ175-150-315		180	38	70	42.04	45	1450	175	150				
		300	36 31										
		360	33										
	A	165	31	68.5	34.4	37							
		279	27										
		335	30										
	B	155	27	66	28.76	37							
		258	24										
		310	26										
	C	144	23	64	23.5	30							
		240	21										
		288	53										
	NAZ175-150-400		180	50	67	61				75	1450	175	150
300			45										
360			46										
A		165	43	66.5	49.16	55							
		279	35										
		335	41										
B		155	37	65	40.02	45							
		258	33										
		310	46										
C		144	32	63	33.22	37							
		240	25										
		288	23										
NAZ200-150-250			240	20	70	31.14	37	1450	200	150			
			400	12									
			480	17									
	A	288	18	68.5	22.91	30							
		360	16										
		432	12										

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)	
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet
NAZ200-150-315		240	34	67	52.06	55	1450	200	150
		400	32						
		480	28						
	A	223	30	66	42.23	45			
		372	27.5						
		446	25						
	B	206	26	64.5	34.15	37			
		344	23.5						
		412	21						
	C	192	23	63	28.37	30			
		320	20.5						
		384	19						
NAZ200-150-400		240	53	79.1	68.89	75	1450	200	150
		400	50						
		480	45						
	A	223	46	78.5	55.52	75			
		372	43						
		446	35						
	B	206	41	76.8	45.16	55			
		344	37						
		412	33						
	C	192	46	75	37.2	45			
		320	32						
		384	25						
NAZ250-200-350		300	34	76	57.36	75	1450	250	200
		500	32						
		600	28						
	A	279	30	75.5	46.15	55			
		465	27.5						
		558	25						
	B	258	26	74	37.21	45			
		430	23.5						
		516	21						

型 号 Model No	叶轮形式 Impeller Type	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
								进口 Inlet	出口 outlet
NAZ250-200-400		360	53	73.5	111.22	132	1450	250	200
		600	50 46						
		720	46						
	A	335	43 35	72.2	90.55	110			
		580	41						
		670	37 33						
	B	310	46	70.5	73.79	90			
		516	32 25						
		620	34						
	C	288	32 28	68	61.55	75			
		480	30						
		576	28 25						
NAZ300-250-400		640	27	67	104	132	1450	300	250
		800	25						
		960	22						
		590	22						
	A	744	20	66	85.92	90			
		890	18						
		550	53						
	B	690	50 45	65	78.26	90			
		820	46						
		520	43						
	C	650	35	64	55.3	75			
		780	39						
650		37							
NAZ300-250-450		800	32	68	160.28	185	1450	300	250
		960	34						
		600	32						
	A	744	30	67.5	129.14	132			
		900							
		550							
	B	688		67	103.53	110			
		825							
		520							
	C	640		66	84.55	90			
		768							

型 号 Model No	叶轮形式 Impeller Type	流量	扬程	效率	轴功率	电机功率	转速	口径Diameter(mm)	
		Flow Capacity (m3/h)	Pump Head (m)	Efficiency (%)	Shaft Power (KW)	Motor Power (KW)	Rotating Speed (r/min)	进口 Inlet	出口 outlet
NAZ350-300-400		800	34	73	119.44	160	1450	350	300
		1000	32						
		1200	28						
	A	750	30	72.5	96.12	110			
		930	27.5						
		1115	25						
	B	700	26	72	76.48	90			
		860	23.5						
		1000	21						
	C	640	23	71	62.94	75			
800		20.5							
960		19							
NAZ350-300-450		800	53	71	191.89	200	1450	350	300
		1000	50						
		1200	45						
	A	740	46	70.5	154.56	160			
		930	43						
		1115	35						
	B	650	41	69	125.66	132			
		860	37						
		1000	33						
	C	600	34	67	104.11	110			
800		32							
960		28							

NJL

化工轴流循环泵

HJL Chemical Axial Circulation Pump



工作条件

Working Conditions

口径: 350-1200mm
工作温度: -20℃-250℃
流量范围: 500m³/h-18000m³/h
扬程范围: 2-8m
材质范围: 不锈钢、耐腐耐磨合金
铜或衬 F46/PFA/PE
设计标准: GB/T13008

Pump Diameter: 350-1200mm
Working Temperature: -20℃-250℃
Flow Capacity Range: 500m³/h-18000m³/h
Pump Head Range: 2-8m
Materials Range: Stainless Steel, Corrosion-Resistant Alloy Steel, FEP (F46), PFA, UHMW-PE
Designed Standard: GB/T13008

运用领域

Application Field

脱硫循环、有色金属冶炼业、造纸业、硫酸磷肥业、石油化工、精细化学、电力、冶金行业、水处理(排污)、矿业。

Desulfurization cycle, non-ferrous metal smelting industry, paper industry, acid phosphate fertilizer industry, petrochemical industry, fine chemical, electric power, metallurgy industry, water treatment (discharge), mining.

产品用途

Pump Usage

磷酸、磷酸盐、真空制盐、氧化铝、烧碱、轻工等行业中蒸发器的强制循环用，也可作结晶器、反应器的循环泵。

Ammonium phosphate, phosphoric acid, vacuum salt, alumina, caustic soda, the forced circulation evaporator in light industry and other industries, can also be crystallizer circulating pump, and the reactor.

设计说明

Designed Instruction

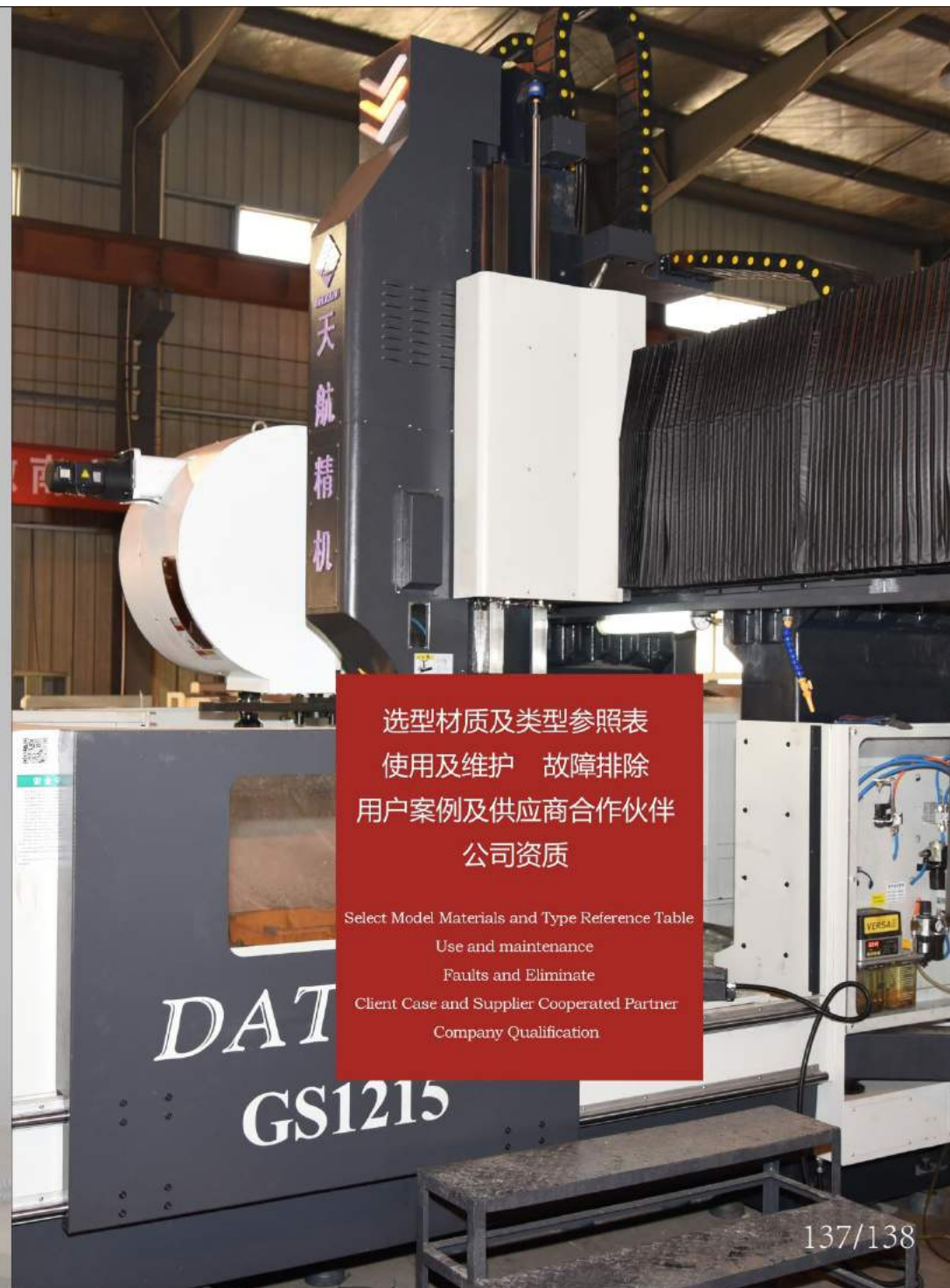
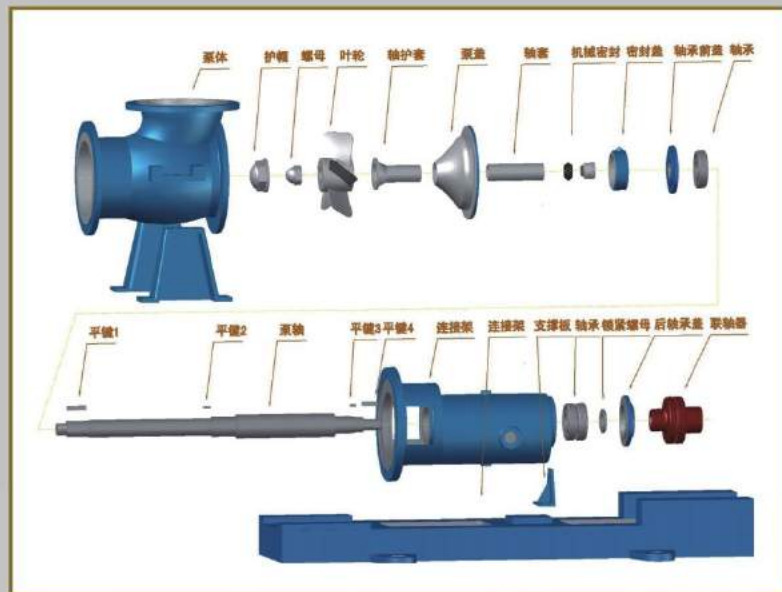
NJL 系列化工轴流泵为悬臂式结构，泵体和悬架体各自有支撑脚固定在底座上，保证了泵运行时的稳定性和检修时的便利及安全性。设计符合 GB/T13008 标准，具有大流量、低扬程的特点。轴封为叶轮动力密封和机械密封的组合，保证泵在运行和静止时均不会泄露。泵的进出口方向为水平方向进口，垂直方向出口。泵的连接方式为常规为直联式，根据拥护要求可提供皮带传动结构。泵材料除了不锈钢、耐腐耐磨合金铜外，我公司还可以内衬 F46、PFA 或者 PE 等材质，以适应不同工况和满足不同用户的的选择。

NJL Series Chemical Axial -Flow Pump is designed for cantilever structure Pump body and suspension bracket have their own supports feet to fixed on the pump base. It keep pump running stability and easy maintenance an security. It is designed with standard of GB/T13008. It has large flow capacity, low pump head features. Shaft Seal is combination of dynamic seal and mechanical seal, it keep pump without leakage when operated pump or stop running. The overflow liquids flow direction are horizontal direction(Suction), Vertical direction (Exhaust) of pump. The Normal Connected methods are direction connection. It also can supply pulley transmission according end-user requirement. The materials of pump not only Stainless Steel, anti corrosion wear resistant, but also can lining F46, PFA, PE according different working conditions and meet different clients choose.

性能参数表

Performance parameters of the table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	效率 Efficiency (%)	轴功率 Shaft Power (KW)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	口径 Diameter(mm)	
							进口 Inlet	出口 outlet
250NJL-2.5	300	2.5	60	3.4	7.5	980	250	250
300NJL-3	520	3	62	6.8	11	980	300	300
350NJL-4	1350	4	65	29.6	37	980	350	350
400NJL-4	1600	4	65	33	45	980	400	400
450NJL-4	2200	4	68	46.8	55	980	450	450
500NJL-4	2650	4	70	42	75	740	500	500
550NJL-4	4000	4	70	63	90	740	550	550
600NJL-4	4800	4	63	77	110	740	600	600
700NJL-3.2	5400	3.2	63	74.8	90	500	700	700
800NJL-3.7	6150	3.8	70	91	110	450	800	800
	6600	3.7	65	102.5				
	7200	3.2	64	98.1				
900NJL-3	7750	3.4	72	99.7	132	400	900	900
	8200	3	64	105				
	9000	2.6	65	98.1				
1000NJL-3.5	10700	3.7	64	168	200	380	1000	1000
	11300	3.5	66	163				
	12000	2.8	64	143				
1200NJL-2.5	12400	2.7	77	119	160	360	1200	1200
	13500	2.5	79	117				
	14800	2.2	79	113				
1500NJL-2.3	18500	2.5	79	160	220	320	1500	1500
	20000	2.3	80	157				
	22000	2.2	77	172				



氟塑料泵阀耐腐蚀性能参数表

Fluorine Plastic Pump Corrosion Resistant Parameter Table

介质	浓度 ≤%	温度 ≤25°C	温度 ≤95°C	介质	浓度 ≤%	温度 ≤25°C	温度 ≤95°C
硫酸H ₂ SO ₄		✓	✓	氢氧化钾KOH	50	✓	✓
硝酸HNO ₃		✓	×	氢氧化铵NH ₂ H ₂ O		✓	×
盐酸HCL		✓	✓	氢氧化钡Ba(OH) ₂	50	✓	✓
磷酸H ₃ PO ₄		✓	✓	氢氧化镁Mg(OH) ₂		✓	✓
氢氟酸HF *		✓	✓	氢氧化铝Al(OH) ₃		✓	✓
氢溴酸HBr		✓	✓	氢氧化锂LiOH		✓	✓
氢碘酸HI		✓	✓	氨水CH ₂ O		✓	✓
氢氰酸		✓	✓	溴水Br ₂		✓	✓
亚硫酸H ₂ SO ₃		✓	✓	碘溶液I ₂		✓	✓
亚硝酸HNO ₂		✓	✓	氨(无水)NH ₃		✓	✓
次氯酸HClO *		✓	✓	甲醇CH ₃ OH		✓	✓
高氯酸HClO ₄		✓	✓	乙醇CH ₃ CH ₂ OH		✓	✓
铬酸H ₂ CrO ₄	80	✓	✓	丁醇C ₄ H ₁₀ O		✓	✓
王水 *		✓	✓	甲醛HCHO		✓	✓
醋酸CH ₃ COOH		✓	✓	乙醚CH ₃ CHO		✓	✓
甲酸HCOOH		✓	✓	二氯乙醚C ₄ H ₈ Cl ₂ O		✓	✓
丁酸CH ₃ (CH ₂) ₃ COOH		✓	✓	苯胺C ₆ H ₇ N		✓	✓
戊酸C ₅ H ₁₁ COOH		✓	✓	一氯甲烷CH ₃ Cl		✓	✓
油酸C ₁₈ H ₃₅ COOH		✓	✓	二氯甲烷CH ₂ Cl ₂		✓	✓
苯甲酸C ₆ H ₅ COOH		✓	✓	二氯乙烷C ₂ H ₄ Cl ₂		✓	✓
氢氧化钠NaOH	50	✓	✓	四氯乙烷C ₂ H ₂ Cl ₄		✓	✓

✓表示耐腐蚀性好；×表示有腐蚀性；*表示部分零件要选择材料；未注符号表示任意浓度均可

✓ is show have good corrosion resistance; × is show easy corrosive; * it indicates some of parts materials need be replaced;
No Marked concentration of arbitrary symbols that can be

磁力泵、离心泵、自吸泵系列 使用及维护

Magnetic pump, centrifugal pump, self-priming pump series
Use and Maintenance

安装及注意事项 Installation and the matters needing attention

- 1.按基础尺寸做好混凝土基础,同时预埋好地脚螺栓。
- 2.在安装前应对照泵和电机进行检查,各部分应完好无损,泵内应无杂物。
- 3.将机组放在基础上,在底板和基础之间放对垫,通过调整垫,找正泵的水平。调好后,拧紧地脚螺栓。
- 4.泵的吸入、吐出管路应有支架,不能用泵来支承泵。进出口管路口径应与泵进出口口径相统一。
- 5.FZB系列自吸泵安装时应先接进口管,加满液体后再接出口管,校正转向。泵的进口管道必须与泵匹配,且总长不能超过5米,否则会影响自吸性能,自吸高度可按右边公式简单算得:清水时自吸3m/介质密度=实际自吸高度
- 6.安装完毕,最后用手转动联轴器,检查有无摩擦现象,转动轻松均匀则安装结束。
- 7.磁力泵严禁抽取带有颗粒的介质。
- 8.为防止杂物进入泵内,在进口处应设过滤器,过滤面积应大于管路截面积的3-4倍。
- 9.扬程高的泵在出口管路上还应安装逆止阀,以防突然停机的水锤破坏。
- 10、必须保证泵的安装高度符合泵的汽蚀余量,并考虑管路损失及介质温度。
- 11、介质温度过高时应采取冷却措施,以防机封变形替环开裂。

1. Make the concrete base follow the basic size, and install the bolts on the ground at the same time.
2. Do a inspection of the pump and motor, make sure all the components are in good conditions and there is no sundries.
3. Put the motor on the base, installed pads in pairs. Make sure the pump is horizontal by adjusting the pads. After that, tight the bolts.
4. There should be shelves below the inlet and outlet pipes. The size of inlet and outlet pumps and the size of the pipe should matched.
5. When you install FZB Series type Centrifugal pumps, please install the inlet pipes in first, then fill the pumps with liquids, check the turn direction. The Inlet pipes must match with pump, and the length of the pipes should less than 5 meters, or it will interrupt self-priming function. The height of centrifugal can be calculated by the formula.
6. After installation, please turn the coupling and check whether it has collision and friction, if it can turn smoothly without break. Then finished installation.
7. Magnetic Driven Pump are forbidden to transmit the medium with granule.
8. There should be a filter in the inlet of the pumps. The filter surface of the area should be large than 3 or 4 times of the pipeline area.
9. The Pump with high head should install a cut off valve avoid the damage of water hammer when the pump stop working abruptly.
10. Make sure the installation height of the pumps conform to NPSH of the pump, consider with pipeline loss and transfer liquids temperature.
11. when the temperature of medium is too high, please choose cooling measur for mechanical seal to protect it distortion.

启动和运行 Start and Running

- 1、开车前应将泵内灌满须输送的液体(如泵是吸上的情况),关闭出口阀门,接好电源。
- 2、接通电源,检查泵的转向是否正确。
- 3、机组试运转 5-10 分钟,如无异常现象可投入运行。
- 4、停机时,应先将出口的阀门关闭,然后再切断电源。

1. Please fill transfer liquids into pump cavity before start up , close outlet valve ,connect the electric power.
2. Open Electric Power ,check whether pump rotating direction is right or not .
3. Pump set test about 5-10 minute ,then running operation if without abnormal .
4. when you want to stop this pump , please close outlet valve ,then cut off power.

维护和保养 Maintenance

- 1、定期检查泵和电机,更换易损零件。
- 2、长期停机不用时,应清洗泵内流道并切断电源。
- 3、严禁空运转。

1. Do inspection of the pump and motor regularly , replace the components which are easy to be worn out.
2. If this pump is long time never running, you have to clean up pump cavity and cut off electric power.
3. It is forbidden Dry Running.

引领行业高端品质
铸就百年强盛企业

故障及排除 Troubles and Troubles Shootings

故障 Troubles	原因 Reason	解决方法 Trouble Shooting
打不出液体 No Liquids	1、吸入管内有空气 1. Air in suction pipe.	1、重新灌注液体或者 1. Refill liquids .
	2、吸入管漏气 2. Leakage of air in suction pipe.	2、检查吸入管路 2. Check suction pipeline.
	3、泵内灌注液体不足 3. Injected liquids is not enough in pump cavity .	3、重新灌注液体 3. Re-injected liquids in pump cavity.
	4、吸入管路有杂物堵塞 4. Block up impurities in suction pipeline.	4、清除堵塞杂物 4. Clean up blocking impurities .
	5、泵反转 5. Reverse rotating .	5、调整转向 5. Adjust Rotating Directory.
	6、吸上高度太高 6. Suction Height is too high.	6、降低安装高度 6. Turn Down Installment Height.
流量不足 Flow Rate Insufficiency	1、叶轮损坏 1. Impeller damage	1、更换叶轮 1. Replaced new impeller
	2、转速不够 2. Rotating speed not enough.	2、检查电机和供电线路 2. Check up motor and electric wire.
	3、管路内有杂物堵塞 3. Impurities blocked in pipeline.	3、清除堵塞杂物 3. Clean up impurities.
功率过大 Overload horsepower	1、输送介质比重过大 1. The Proportion of the transmission medium is too large.	1、降低粘度或增加灌注压力 1. Reduce viscosity or increase perfusion pressure.
	2、泵轴与电机轴误差过大 2. The deviation between the pump axis and the motor axis is too large.	2、重新调整 2. Adjust again ..
	3、有机械摩擦 3. Mechanical friction	3、检查何处摩擦, 进行检修 3. Check where friction and repair it.
扬程不足 Pump Head Insufficiency	1、输送介质内有空气 1. Transfer liquids contained air .	1、重新灌注液体或排空气体 1. Refill the liquids and exhaust air in the medium.
	2、叶轮损坏 2. Impeller damage	2、更换叶轮 2. Replaced new impeller.
	3、转速不够 3. Rotating speed not enough.	3、检查电机和供电线路 3. Check up motor and electric wire.
	4、输送介质比重过大 4. The Specific gravity is too high.	4、降低粘度或增加灌注压力 4. Reduce viscosity or increase the input pressure.
泵组振动 Pump Set Vibration	1、泵轴与电机轴误差过大 1. The deviation between the pump axis and the motor axis is too large .	1、重新调整 1. Adjust again.
	2、吸上高度大, 产生汽蚀 2. Suction height is too large to produce cavitation .	2、降低安装高度 2. Turn Down pump mounting height.
	3、有机械摩擦 3. Mechanical Friction existence .	3、检查何处摩擦, 进行检修 3. Check the mechanical friction and repair it.
轴端渗漏及密封渗漏 Sealing Leakage	1、轴端卡环间隙过大, 卡环松 1. The Snap ring gap is too large and the snap ring is loose.	1、调整卡环螺钉 1. Adjusting the snap ring screws.
	2、吸上高度太高, 产生汽蚀 2. Suction height is too large to produce cavitation.	2、降低安装高度 2. Turn Down pump mounting Height .
	3、机械密封动、静环磨损, 弹簧压力小 3. Dynamic and static mechanical seal wear and spring pressure is not enough.	3、更换磨损材料, 调整弹簧 3. Replace the components with friction. Adjusting the spring.
	4、机械密封动、静环吻合不好 4. Dynamic and static mechanical seal can't match.	4、调整动、静环 4. Adjusting dynamic and static seal.

用户案例及供应商合作伙伴

User stories and supplier partners

用户案例 User stories

青海盐湖集团	新天地环境集团	四川永祥股份	天津中冶
北京燕山石化	凯膜过滤	四川道弘新材料	天津环科院
山东海右石化	江苏康缘药业	四川鑫统领	南京 LG
山东龙源环保	江苏三木化工集团	浙江化工院	广东天赐材料
山东博汇集团	丽珠医药集团	浙江花园生物	浙江巨化
山东玉皇石化	红太阳集团	安徽华星化工	兄弟科技
山东海化	扬子药业集团	宁夏泰瑞制药	山东铝业
山东滨化	山东东药药业股份	湖北福尔泰	神马集团
山东华泰	石药集团	台湾东盈化学	金桔能生物科技
烟台万华化学	重庆紫光药业	云南云天化集团	久日化学股份
青岛双桃化工	四川晨光化工院	石家庄正源化肥	兰精纤维

供应商合作伙伴 Partners



南方的产品正在服务于大批石油化工、生物制药、新能源、新材料、电力、冶金、航天等领域的关键工艺上，解决了众多腐蚀与贵重流体的安全输送问题。

Our Chemical Pump are service an large number Petrochemical , Biological Pharmacy, New energy, New Materials , Electric Power, Metallurgy ,space fight field and core handicraft to deal so much corrosion and heavy duty safety transfer problem.

Company qualification



先后荣获“国家高新技术企业”、“安徽省著名商标”、“安徽省名牌产品”等称号。



安徽南方化工泵业有限公司
An Hui South Chemical Pump Co., Ltd



Corrosion and the safety of the precious fluid conveying
致力于腐蚀与贵重流体的安全输送

