

XINTAO

Pump Product Manual



泵产品手册



江苏新涛机械设备有限公司

Jiangsu Xintao Machinery Equipment Co., Ltd.

ABOUT US

企业简介

江苏新涛机械设备有限公司地处长江下游的靖江市新桥镇，面江临海，与苏、锡、常隔江相望，江阴长江大桥，新长铁路、宁通高速公路、广靖高速公路交叉而过，沟通苏南沿江的沪宁高速公路和沿江高速公路，具有优越的交通和通讯条件。

江苏新涛机械设备有限公司是从事立、卧式、单、双吸离心泵、石油化工泵和冶金行业等专业制造企业；公司集机械制造、冷热加工、熔模铸造、科研生产于一体。公司生产装备、理化试验、检测手段齐全，拥有现代化的水泵性能测试中心，产品设计、过程控制采用计算机管理。公司主要产品有：IH型不锈钢化工泵、CZ型标准化工泵、ZA型化工石油泵、SPP型化工混流泵、FY型液下泵、WFB型自控自吸泵、FJX型强制循环泵、AFB不锈钢耐腐蚀泵、UHB耐磨耐腐砂浆泵等。公司同时提供来图、来样定制加工。

公司奉行“质量第一、用户至上”的宗旨，坚持“以质量求生存，以品种求发展、以管理求效益”的指导思想，加快产品开发，做到“改进一步、研制一代、生产一代、储备一代”，保证满足用户的需求及提供良好的服务，按照GB/T19001:94-ISO9001:94标准，建立了完善的质量体系，并通过了ISO9001质量体系认证。

公司自成立以来，一直把经营重点放在工程建设和高新技术开发上。在公司发展过程中充分利用学校的科技优势、人才优势。一方面，及时地将科技成果转化到工程建设实际中去。另一方面，根据工程需要，开发新产品。经过多年的发展，无论在工程建设上还是在新技术开发上都取得了不俗的成绩。公司以一流的技术、一流的产品、一流的管理、一流的服务、热忱与国内外各界同仁、设计院、研究院进行广泛的技术与经贸合作，为用户提供更好的产品。



始于卓越 成与信赖

公司产品

Company Products



“科技是第一生产力”，只有先进的科学技术与管理水平才能不断地向前发展，为此我们不惜巨资投入数控机床等精密高档的机械加工设备和检测仪器，并在硬件领先的基础上，还不断地集聚专业技术和精英力量去开发、利用新技术，新工艺，新材料持续开发优质新产品供应市场，且每个新产品的开发均采用国际尖端领域的高水平CAD设计，从而保证产品质量、品种、效益一直领先。为了满足社会的不断需求，把公司建成现代一流的科技型企业，我们将会一直致力于科技的创新。

“Science and technology is the first productive force”, only advanced science and technology and management level can continue to develop, for this reason, we spare no expense to invest in precision and high-grade mechanical processing equipment and testing instruments such as CNC machine tools. And on the basis of leading hardware, we continue to gather professional technology and elite strength to develop and utilize new technologies, new processes and new materials to continuously develop high-quality new product supply market, and each new product development is adopted. With high-level CAD design in international cutting-edge fields, the product quality, variety and benefit are always in the lead. In order to meet the continuous needs of society and build the company into a modern first-class scientific and technological enterprise, we will always be committed to technological innovation.



机械加工及检测

Machine Processing and Testing

本公司同时拥有各种检测设备，如超声波探伤，直读光谱分析，化学分析，金相设备，B级水泵测试台等。为公司追求产品“零缺陷”生产提供了可靠保证。

At the same time, the company with a variety of testing equipment, such as ultrasonic flaw detection, direct reading spectral analysis, chemical analysis, metallographic equipment, B pump test and so on. To provide a reliable guarantee for the company's products 'zero defect' pursuit of production.





WFB系列无密封自控自吸泵

Model WFB no-seal-self-control-self-suction Pump



CZ系列化工流程泵

Model CZ Chemical process Pump



ZA、ZAO系列石油工艺流程泵

ZA、ZAO Series Chemical Process Pump



ZE系列石油工艺流程泵

ZE Series Chemical Process Pump



IH系列化工离心泵

Model-IH Series Chemical Pump



HJ(IJ)系列化工离心泵

HJ(IJ) Series Chemical Centrifugal Pump



IJT钛镍系列化工泵

IJT Titanium Nickel series chemical pump



FJX系列强制循环泵

Model FJX Forced circulating Pump



FB、AFB、AFSM系列耐腐蚀泵

Model FB、AFB、AFSM Corrosive-resisting Pump



IS、ISR系列单级单吸热水泵

Model IS、ISR single-stage-single-suction hot water centrifugal Pump



SPP系列化工混流泵

SPP Series Chemical Mixed-Flow Pump



S、SH系列水平中开泵

Model S、SH Horizontal medium-open Pump



G、GNF系列单螺杆泵

G、GNF Series Single Screw Pump



SJ型全开式离心式纸浆泵

SJ Model Full of centrifugal plup pump



WJ系列无堵塞耐腐蚀浆泵

WJ No-Chokeless Corrosion Resisting Slurry Pump



ZH型不锈钢自吸泵

Model ZH Stainless Steel Self-priming Pump



ZX系列自吸式化工离心泵

ZX Series Self-priming Chemical Centrifugal Pump



IHR系列高温印染泵

IHR Series High-temperature Print and Dye Pump



QXP型小流量、高扬程切线流泵

QXP Series little-capacity high-head partial emission pump



UHB-ZK系列防腐耐磨砂浆泵

Model UHB-ZK corrosion-and-abrasion-resistant sand slurry Pump



WB系列不锈钢旋涡泵

WB series stainless steel vortex Pump



IN系列尿素泵

IN Type Carbamide pump



LHB (YLB) 系列无泄漏化工流程泵

LHB(YLB) Type non-leakage-type chemical process Pump



AY型单、双级离心油泵

AY Series Single and Double Stage Centrifugal oil Pump



TL系列脱硫泵
TL Series Desulphurization Pump



IHG (ISG) 系列管道离心泵
IHG (ISG) series pipeline Centrifugal Pump



ISW型卧式离心泵
Model ISW Horizontal Centrifugal pump



ZM、ZML系列渣浆泵
ZM、ZML (slag) series slurry Pump



D、DG型多级离心泵
D、DG Type multi-stages centrifugal pump



FSB/FZB-L、FZB/FZB-L型氟塑料泵
FSB/FZB-L、FZB/FZB-L Series fluorine Plastic Pump



IHF系列氟塑料化工离心泵
IHF Series fluorine plastic chemical centrifugal Pump



CQF(B)、IMC系列磁力驱动泵
CQF(B)/IMC Series Magnetic Drive Pump



102、103塑料耐腐蚀离心泵、自吸泵
102、103 Wearable plastic centrifugal pump, self-priming Pump



FP型增强聚丙烯离心泵、自吸泵、管道泵
Fp series reinforced polypropylene centrifugal pump, self-priming pump, pipeline pump



QW型潜水排污泵
QW Series Submersible Sewage Draining Pump



YL型立式多级长轴泵
Model-YL Vertical Double-stages Long Shaft Pump



FY、FYSM系列耐腐蚀立式液下泵
FY/FYSM Series Corrosive Vertical Submerged Pump



FYS (HYF) 型氟塑料增强合金液下泵
FYS(HYF) Series Fluorin Plastic Enhanced Alloy Submersible Pump



LJYA型立式料浆泵
Model LJYA Slurry Pump (Upright)



LSB系列高温浓硫酸液下泵
LSB Series High-temperature vitriol Submerged Pum



LHY系列保温硫磺泵

LHY series heat preservation sulfur pump



GY系列高温熔盐液下泵

GY Series High-temperature fusible hydrochloric acid Pump



PNL系列泥浆泵

Model-PNL Slurry Pump



KCB型、2CY型齿轮式输油泵

KCB, 2CY Series Gear Oil pump



DBY、QBK型隔膜泵

DBY, QBK Series Diaphragm pump



2BV系列水环式真空泵

2BV Series water ring vacuum pump



J系列计量泵

J Series metering pump



侧进式搅拌器/顶进式搅拌器

Side-feed agitator/jack-in agitator

WFB系列无密封自控自吸泵	1	IHG (ISG) 系列管道离心泵	74
Model WFB no-seal-self-control-self-suction Pump		IHG (ISG) series pipeline Centrifugal Pump	
CZ系列化工流程泵	5	ISW型卧式离心泵	76
Model CZ Chemical process Pump		Model ISW Horizontal Centrifugal pump	
ZA、ZAO系列石油化流程泵	11	ZM、ZML系列渣浆泵	80
ZA, ZAO Series Chemical Process Pump		ZM, ZML (slag) series slurry Pump	
ZE系列石油化流程泵	12	D、DG型多级离心泵	82
ZE Series Chemical Process Pump		D, DG Type multi-stages centrifugal pump	
IH系列化工离心泵	17	FSB、FSB-L型氟塑料泵	84
Model-IH Series Chemical Pump		FSB, FSB-L Series fluorin Plastic Pump	
HJ(IJ)系列化工离心泵	18	FZB、FZB-L系列化工离心泵	86
HJ(IJ) Series Chemical Centrifugal Pump		FZB, FZB-L Series Fluorin plastic Enhanced Alloy Pump	
IJT钛镍系列化工泵	26	IHF系列氟塑料化工离心泵	87
IJT Titanium Nickel series chemical pump		IHF Series fluorin plastic chemical centrifugal Pump	
FJX系列强制循环泵	30	CQF(B)、IMC 系列磁力驱动泵	89
Model FJX Forced circulating Pump		CQF(B)/IMC Series Magnetic Drive Pump	
FB、AFB、AFSM系列耐腐蚀泵	32	102、103塑料耐腐蚀离心泵、自吸泵	91
Model FB, AFB, AFSM Corrosive-resisting Pump		102, 103 Wearable plastic centrifugal pump, self-priming Pump	
IS、ISR系列单级单吸热水泵	34	FP型增强聚丙烯离心泵、自吸泵、管道泵	92
Model IS, ISR single-stage-single-suction hot water centrifugal Pump		FP series reinforced polypropylene centrifugal pump, self-priming pump, pipeline pump	
SPP系列化工混流泵	37	QW型潜水排污泵	94
SPP Series Chemical Mixed-Flow Pump		QW Series Submersible Sewage Draining Pump	
S、SH系列水平中开泵	40	YL型立式多级长轴泵	97
Model S, SH Horizontal medium-open Pump		Model-YL Vertical Double-stages Long Shaft Pump	
G系列单螺杆泵	43	FY、FYSM系列耐腐蚀立式液下泵	100
G Series Single Screw Pump		FY/FYSM Series Corrosive Vertical Submerged Pump	
GNF系列单螺杆泵	46	FYS (HYF) 型氟塑料增强合金液下泵	104
GNF Series Single Screw Pump		FYS(HYF) Series Fluorin Plastic Enhanced Alloy Submersible Pump	
SJ型全开式离心式纸浆泵	47	LJYA型立式卧料浆泵	105
SJ Model Full of centrifugal pulp pump		Model LJYA Slurry Pump (Upright)	
WJ系列无堵塞耐腐蚀浆泵	49	LSB系列高温浓硫酸液下泵	107
WJ No-Chokeless Corrosion Resisting Slurry Pump		LSB Series High-temperature vitriol Submerged Pump	
ZH型不锈钢自吸泵	51	LHY系列保温硫磺泵	110
Model ZH Stainless Steel Self-priming Pump		LHY series heat preservation sulfur pump	
ZX系列自吸式化工离心泵	53	GY系列高温熔盐液下泵	112
ZX Series Self-priming Chemical Centrifugal Pump		GY Series High-temperature fusil hydrochloric Pump	
IHR系列高温印染泵	55	PNL系列泥浆泵	114
IHR Series High-temperature Print and Dye Pump		Model-PNL Slurry Pump	
QXP型小流量、高扬程切线流泵	59	KCB型、2CY型齿轮式输油泵	115
QXP Series little-capacity high-head partial emission pump		KCB, 2CY Series Gear Oil pump	
UHB-ZK系列耐腐耐磨砂浆泵	61	DBY、QBK型隔膜泵	117
Model UHB-ZK corrosion-and-abrasion-resistant sand slurry Pump		DBY, QBK Series Diaphragm pump	
WB系列不锈钢旋涡泵	65	2BV系列水环式真空泵	119
WB series stainless steel vortex Pump		2BV Series water ring vacuum pump	
IN系列尿素泵	66	J系列计量泵	120
IN Type Carbamide pump		J Series metering pump	
LHB (YLB) 系列无泄漏化工流程泵	67	阀门管道系列	122
LHB (YLB) Type non-leakage-type chemical process Pump		Valve pipe series	
AY型单、双级离心油泵	69	电力冶金产品	124
AY Series Single and Double Stage Centrifugal oil Pump		Power metallurgy products	
TL系列脱硫泵	72	耐蚀合金材料选用表	132
TL Series Desulphurization Pump		table for selection of anti-corrosive alloy materials	

Model WFB no-seal-self-control-self-suction Pump

●WFB系列无密封自控自吸泵



概述

WFB 系列无密封自控自吸泵采用“连环式”多面离心密封装置,无“跑、冒、滴、漏”之忧。由于运行过程无密封装置磨擦,无磨损,因此,使用寿命较同类产品延长数倍。

该泵具有耐温、耐压、耐磨“一次引流,终身自吸”等多种功能,自吸性能可靠,特别是采用“电动空气控制阀”具有运行可靠,拆卸方便,易于安装等特点。

该泵分别采用不锈钢、增强聚丙烯、铸钢等多种材质制造,可分别适用于各种场合,同时根据用户需要,还设计了多种形式,长方形、圆锥型,可为您提供不同安装形式的选择余地。防爆型、户外型,可适用于易燃易爆、雨雾、潮湿场合。推车移动型可将水泵方便地送到您所需要的任何工作岗位上。

General

Model WFB no - seal - self - control - self - suction pump adopts an “interlink - type” multiple - faced from the worry of “running, emitting, dropping, leaking”. Because there is no abrasion of sealing devices, its life is several times longer than that of similar products.

The pump is featured with resistance to heat, resistance to pressure, resistance to abrasion, “forever self - suction upon once flow induction”, etc. It has reliable self - suction performance. Especially because of using “electric air control valve”, it is featured with reliable operation, convenient disassembling, easy installation, etc.

The pump is made of many kinds of materials such stainless steel, enforced polypropylene, cast steel, respectively. It can be used in different fields. At the same time, our company can design many styles as per user's need, indifferent square type and cone type, offering different forms of installation. An explosive proof and outdoor type is suitable for inflammable and explosive, rain and fog accessible, wet places. A handcart movable type can be moved to any place you require.

WFB系列无密封自控自吸泵

Model WFB no-seal-self-control-self-suction Pump

泵性能参数表 Table of property parameters

泵型 type	材料代号 material	型号 model	转速 speed r/min	流量 capacity m³/h	扬程 H m	功率 power kW	允许吸程 suction depth	进口口径 mm	出口口径 mm	重量 weight kg
1-5	T.G.PP.BAG	10WFB-A	2500	0.75	8	0.75	2.5	18	10	75
				1.1	8.5					
				1.5	9.5					
1-6	T.G.PP.BAG	20WFB-A	2500	3.6	25	3	3.5	25	30	110
				4.5	15					
				6.5	10.5					
1-5	T.G.PP.BAG	30WFB-A	2500	8	8	1.5	3	32	25	88
				8.5	25					
				8.5	25					
1-5	T.G.PP.BAG	40WFB-A	2500	10	21	4	4	40	32	145
				8	15					
				8	15					
1-5	T.G.PP.BAG	40WFB-A ₂	2500	8	15	3	4	40	32	145
				8	15					
				10	11					
1-5	T.G.PP.BAG	40WFB-A ₃	2500	14	8	3.5	4	40	32	125
				7.5	25					
				12.5	25					
1-5	T.G.PP.BAG	50WFB-A	2500	15	21.5	5.5	5	50	40	205
				15	21.5					
				15	21.5					
1-5	T.G.PP.BAG	50WFB-A ₂	2500	12.5	20.5	3	5	50	40	175
				8	11					
				8.5	10					
1-5	T.G.PP.BAG	50WFB-AD	1450	7.5	8	1.5	4	50	40	145
				10	8					
				10	40					
1-4	T.G.BAG	10WFB-B	2500	11	25	11	5	50	40	215
				15	25					
				7	25					
1-4	T.G.PP.BAG	50WFB-B	2500	12	31	7.5	5	50	40	205
				15	29					
				15	29					
1-5	T.G.PP.BAG	50WFB-B ₂	2500	10	25.5	4	5	50	40	195
				5	15					
				8.4	14					
1-5	T.G.PP.BAG	50WFB-B ₃	2500	7.5	12.5	2.2	4	50	40	135
				8.5	25					
				12	25					
1-4	T.G.BAG	10WFB-C	2500	12	25	11	5	50	40	245
				15	24					
				10	45					
1-4	T.G.BAG	50WFB-C	2500	12	40	11	5	50	40	215
				5	19					
				6	15					
1-5	T.G.PP.BAG	50WFB-CD	1450	8	17	3	4	50	40	175
				7.5	22					
				12	25					
1-4	T.G.BAG	50WFB-E	2500	12	25	22	5	50	40	285
				15	25					
				10	25					
1-4	T.G.BAG	50WFB-E ₂	2500	12	25	18.5	5	50	40	250
				15	25					
				3.5	25					
1-5	T.G.PP.BAG	50WFB-E ₃	2500	8.5	25	4	4	50	40	175
				7.5	24					
				15	27					
1-5	T.G.PP.BAG	50WFB-A	2500	20	25	7.5	4	50	30	205
				35	24					
				21	25					
1-5	T.G.PP.BAG	50WFB-A ₂	2500	7	12	5.5	4	50	30	255
				12	11					
				15	41					
1-4	T.G.BAG	50WFB-B	2500	25	25	11	5	50	30	275
				35	24					
				20	25					
1-5	T.G.PP.BAG	50WFB-B ₂	2500	20	25	7.5	5	50	30	255
				10	15					
				12	14					
1-5	T.G.PP.BAG	50WFB-B ₃	2500	15	13	4	5	50	30	235
				15	13					
				15	13					

泵型号specification model			转速 speed r/min	流量Q capacity m³/h	扬程H total m	配用 功率 match P ₂ kW	允许吸程 suction depth	进口口径 mm diameter of inlet	出口口径 mm diameter of outlet	重量 weight of the whole machine
泵型 type	材料代号 material	型 号 model								
1-4	T.G.BAG	50WFB-C	2500	15	25	13.5	5	45	30	280
				25	25					
				35	25					
1-4	T.G.BAG	50WFB-C ₂	2500	12	45	15	5	45	30	205
1-5	T.G.PP.BAG	50WFB-C ₃	2500	7.5	19	4	5	45	30	240
				12.5	18					
				15	17					
1-4	T.G.BAG	50WFB-E	2500	15	25	30	5	45	30	450
				25	25					
				35	25					
1-4	T.G.BAG	50WFB-E ₂	2500	21	24	18.5	5	45	30	340
1-5	T.G.PP.BAG	50WFB-E ₃	2500	25	25	7.5	5	45	30	250
				25	25					
				7.5	27.5					
1-4	T.G.BAG	50WFB-F	2500	25	25	45	5	45	30	455
				35	25					
				35	25					
1-4	T.G.BAG	50WFB-F ₂	2500	21.5	25	45	5	45	30	455
				25.5	25					
				7.5	25					
1-4	T.G.BAG	50WFB-F ₃	2500	12.5	27	7.5	5	45	30	270
1-4	T.G.BAG	50WFB-F ₄	2500	15	24	5.5	5	45	30	300
				7	24					
				8	30					
2-4	T.G.PP.BAG	50WFB-A	2500	12	25	11	5	40	25	260
				25	25					
				35	24					
2-4	T.G.PP.BAG	50WFB-AD	1450	7	11.3	4	4	40	25	305
				25	11					
				25	15					
2-4	T.G.BAG	50WFB-B	2500	25	25	15	5	40	25	355
				35	25					
				40	30					
2-4	T.G.PP.BAG	50WFB-BD	1450	15	13	5.5	5	40	25	240
				25	14					
				30	11					
2-4	T.G.BAG	50WFB-C	2500	35	25	22	5	40	25	450
				50	25					
				60	22					
2-4	T.G.BAG	50WFB-C ₂	2500	45	25	15	5	40	25	400
				45	25					
				15	19					
2-4	T.G.PP.BAG	50WFB-C ₃	2500	25	18	7.5	5	40	25	335
				30	17					
				21	14					
2-4	T.G.PP.BAG	50WFB-CD	1450	25	12	5.5	5	40	25	240
				30	14					
				30	12					
2-4	T.G.BAG	50WFB-E	2500	50	25	37	5	40	25	480
				60	25					
				30	22					
2-4	T.G.BAG	50WFB-E ₂	2500	30	25	15.5	5	40	25	400
				40	25					
				15	27					
2-4	T.G.PP.BAG	50WFB-E ₃	2500	25	25	11	5	40	25	380
				30	24					
				19	22					
2-4	T.G.PP.BAG	50WFB-E ₄	2500	25	15	5.5	5	40	25	300
				25	15					
				30	125					
2-4	T.G.BAG	50WFB-F	2500	50	15	25	5	40	25	580
				50	15					
				60	110					

WFB系列无密封自控自吸泵

Model WFB no-seal-self-control-self-suction Pump

泵性能参数表 Table of property parameters

规格代号 type code	材质代号 material	型号 model	转速 speed r/min	流量 capacity m³/h	总扬程 H total m	配套功率 matching power kW	允许吸程 允许 permissible suction depth	吸入口径 mm diameter of inlet	排出口径 mm diameter of outlet	整机重量 weight of the whole machine
2-4	T.G.SKD	10WFB-F ₁	2800	28	100	40	5	80	80	100
				30	80					
				40	60					
2-4	T.G.SKD	10WFB-F ₂	2800	28	80	11	5	80	80	300
				30	60					
				40	40					
2-4	T.G.SKD	10WFB-F ₃	2800	28	60	11	5	80	80	300
				30	40					
				40	20					
2-4	T.G./PP.BKD	10WFB-A	2800	50	30	18.5	5	100	80	100
				100	20					
				150	10					
2-4	T.G./PP.BKD	10WFB-AD	1400	30	10	7.5	5	100	80	400
				40	11					
				50	10					
2-4	T.G.SKD	10WFB-B	2800	80	40	20	5	100	80	500
				100	30					
				120	20					
2-4	T.G./PP.BKD	10WFB-BD	1400	30	10	11	5	100	80	500
				40	14					
				50	10					
2-4	T.G.SKD	10WFB-C	2800	40	55	37	5	100	80	600
				100	40					
				120	30					
2-4	T.G.SKD	10WFB-G	2800	70	40	30	5	100	80	500
				80	20					
				40	20					
2-4	T.G.SKD	10WFB-G ₁	2800	50	10	11	5	100	80	500
				80	10					
				80	10					
2-4	T.G./PP.BKD	10WFB-G ₂	2800	40	15	7.5	5	100	80	500
				80	15					
				80	10					
2-4	T.G.SKD	10WFB-E	2800	80	80	55	5	100	80	700
				100	70					
				120	50					
2-4	T.G.SKD	10WFB-E ₁	2800	80	80	45	5	100	80	600
				100	50					
				120	30					
2-4	T.G./PP.BKD	10WFB-E ₂	2800	50	20	11	5	100	80	500
				80	20					
				80	15					
2-4	T.G./PP.BKD	10WFB-E ₃	2800	50	20	11	5	100	80	500
				80	20					
				80	15					
2-4	T.G.SKD	10WFB-F	2800	80	100	90	5	100	80	800
				100	100					
				120	80					
2-4	T.G.SKD	10WFB-F ₁	2800	20	90	75	5	100	80	600
				100	80					
				120	60					
2-4	T.G.SKD	10WFB-F ₂	2800	30	40	15	5	100	80	500
				50	30					
				50	20					
2-4	T.G./PP.BKD	10WFB-F ₃	2800	40	30	11	5	100	80	500
				40	20					
				40	20					
2-4	T.G.SKD	10WFB-A	2800	100	50	30	5	100	80	800
				100	40					
				120	30					
2-4	T.G.SKD	10WFB-A	2800	170	40	45	5	100	80	800
				180	30					
				180	20					

规格代号specification model			转速 speed r/min	流量Q capacity m³/h	总扬程 H total m	配套功率 matching power kW	允许吸程 suction depth	吸入口径 mm diameter of inlet	排出口径 mm diameter of outlet	整机重量 weight of the whole machine
系列 代号 type code	材质代号 material	型 号 model								
2-4	T.G./PP.BKD	10WFB-A ₁	2800	20	30	15	5	100	100	700
				30	19					
				100	17					
2-4	T.G./PP.BKD	10WFB-AD	1400	100	10	15	5	100	100	700
				110	10					
				120	10					
2-4	T.G.SKD	10WFB-B	2800	100	80	110	5	100	100	1100
				220	70					
				100	60					
2-4	T.G.SKD	10WFB-B ₁	2800	100	60	75	5	100	100	1000
				170	60					
				100	50					
2-4	T.G./PP.BKD	10WFB-B ₂	2800	100	25	32	5	100	100	700
				120	24					
				100	20					
2-4	T.G./PP.BKD	10WFB-B ₃	2800	100	20	30.5	5	100	100	700
				100	20					
				100	20					
2-4	T.G.SKD	10WFB-C	2800	100	120	180	5	100	100	1500
				200	120					
				100	100					
2-4	T.G.SKD	10WFB-C ₁	2800	100	100	110	5	100	100	1200
				100	100					
				100	100					
2-4	T.G.SKD	10WFB-C ₂	2800	100	40	30	5	100	100	700
				100	30					
				100	20					
2-4	T.G./PP.BKD	10WFB-C ₃	2800	100	20	30.5	5	100	100	700
				100	20					
				100	20					
2-4	T.G.SKD	10WFB-E	1400	100	60	37	5	100	100	800
				110	40					
				100	40					
2-4	T.G.SKD	10WFB-E ₁	2800	100	40	30	5	100	100	700
				100	30					
				100	20					
2-4	T.G.SKD	10WFB-E ₂	2800	100	30	22	5	100	100	700
				100	30					
				100	30					
2-4	T.G.SKD	10WFB-A	2800	100	20	30	5	100	120	800
				200	20.5					
				100	20.5					
2-4	T.G.SKD	10WFB-AD	1400	100	20	28	5	100	120	900
				100	40					
				100	30					
2-4	T.G.SKD	10WFB-B	1400	100	30	40	5	100	120	1000
				100	30					
				100	30					
2-4	T.G./PP.BKD	10WFB-BD	1400	200	20	40	5	100	120	1000
				100	25					
				100	30					
2-4	T.G.SKD	10WFB-B ₁	1400	100	30	37	5	100	120	1000
				100	30					
				100	30					
2-4	T.G.SKD	10WFB-B ₂	1400	100	40	75	5	100	120	1000
				200	40					
				100	40					
2-4	T.G.SKD	10WFB-C	1400	100	40	55	5	100	120	1000
				100	30					
				100	30					
2-4	T.G.SKD	10WFB-C ₁	1400	100	30	37	5	100	120	1000
				200	30.5					
				100	30.5					
2-4	T.G.SKD	10WFB-AD	1400	100	25	55	5	200	150	1410
				200	25.5					
				100	25.5					
2-4	T.G.SKD	20WFB-AD	1400	300	22	40	5	300	150	1300
				300	19					
				300	19					
2-4	T.G.SKD	20WFB-AD ₁	1400	300	30	37	5	200	150	1000
				300	42					
				300	30					
2-4	T.G.SKD	20WFB-BD	1400	300	30	75	5	200	150	1000
				300	25.5					
				300	25.5					
2-4	T.G.SKD	20WFB-BD ₁	1400	300	25	55	5	200	150	1410
				300	19					
				300	19					

WFB系列无密封自控自吸泵

Model WFB no-seal-self-control-self-suction Pump

泵性能参数表 Table of property parameters

规格型号specification model			转速 speed r/min	流量 capacity m³/h	总功率 total power kW	允许吸程 m/s permissible suction depth	吸入口径 mm diameter of inlet	排出口径 mm diameter of outlet	整机重量 weight of the whole machine	
规格代号 type code	材质代号 material	型号 model								
2-4	T.G.SDG	30WFB-CD	1450	300	15	110	5	200	150	1700
				360	15					
				420	15					
2-4	T.G.SDG	30WFB-CD	1450	300	45	90	5	200	150	1800
2-4	T.G.SDG	30WFB-CD	1450	300	45	75	5	200	150	1920
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	25	55	5	200	200	1850
				360	25					
				420	25.5					
2-4	T.G.SDG	30WFB-AD	1450	300	15	45	5	200	200	1400
				360	15					
				420	15					
2-4	T.G.SDG	30WFB-AD	1450	300	75	75	5	200	200	1800
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25.5	75	5	250	200	1880
				360	25.5					
				420	25.5					
2-4	T.G.SDG	30WFB-ED	1450	300	45	90	5	250	200	1800
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-ED	1450	300	75	90	5	250	200	1800
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-ED	1450	300	25.5	90	5	250	200	1800
				360	25.5					
				420	25.5					
2-4	T.G.SDG	30WFB-ED	1450	300	45	90	5	250	200	1800
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-ED	1450	300	75	90	5	250	200	1800
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	90	5	300	250	1800
				360	25					
				420	25.5					
2-4	T.G.SDG	30WFB-AD	1450	300	45	90	5	300	250	1980
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	120	5	300	250	2020
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	110	5	300	250	2280
				360	25					
				420	45					
2-4	T.G.SDG	30WFB-ED	1450	300	45	110	5	300	250	2280
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-ED	1450	300	75	110	5	300	250	2480
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-ED	1450	300	25.5	180	5	300	250	2388
				360	25.5					
				420	25.5					
2-4	T.G.SDG	30WFB-ED	1450	300	45	180	5	300	250	2400
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-ED	1450	300	75	180	5	300	250	2400
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-CD	1450	300	42.5	300	5	300	250	2480
				360	42.5					
				420	42.5					
2-4	T.G.SDG	30WFB-CD	1450	300	75	200	5	300	250	2508
				360	75					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	25.5	90	5	380	300	2800
				360	25.5					
				420	25.5					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140	5	380	300	2700
				360	75					
				420	75					
2-4	T.G.SDG	30WFB-AD	1450	300	25	140	5	380	300	2700
				360	25					
				420	25					
2-4	T.G.SDG	30WFB-AD	1450	300	45	140	5	380	300	2700
				360	45					
				420	45					
2-4	T.G.SDG	30WFB-AD	1450	300	75	140				

Model CZ Chemical process Pump

● CZ系列化工流程泵



概述

CZ 系列标准化工泵是卧式、单级、单吸离心泵；其尺寸和性能符合 DIN24256/ISO2858 标准。

CZ 系列标准化工泵的性能范围包括了 IH 系列标准化工泵所有性能，其效率、汽蚀性能等指标均超过 IH 型泵，可与 IH 型泵进行单机互换。

■ 用途

输送低温或高温液体；中性或有腐蚀性液体；清洁或内含有固体颗粒的液体。特别适用于：

化学和石油化学工业

造纸厂和纸浆业

涂装行业（脱脂、磷化、电泳等工序）

■ 性能

流量(Q) 可达 2000m³/h

扬程(H) 可达 160m

工作压力(P) 2.5MPa

工作温度(t) - 80℃ ~ + 300℃

特性曲线平坦，汽蚀值低，效率高，在不满负荷时，也保持这些特性。

General

The standard chemical pump of Model - CZ series is a horizontal, single - stage and single - suction centrifugal pump, its size and property conform to the DIN24256/ISO2858 standard.

The standard chemical pump of Model - CZ series have all those properties of the standard chemical pump of Model - IH series, its efficiency and cavitation property are better, and it is alternative with the latter.

■ Usage

It is used for transmission of low or high temperature liquids, neutral or corrosive liquids, clean or solid - granular - containing liquids. It is specially suitable for:

Chemical and petrochemical industries

Paper mills and paper pulp industries

Coating industry (processes of degreasing, phosphatization, electrophoresis, etc.)

■ Properties

Capacity(Q) max. 2000m³/h

Head(H): max. 160m

Operation pressure(P): 2.5MPa

Operation temperature(t): - 80℃ ~ + 300℃

Its characteristics curve is even, its value of cavitation is low, and it has high efficiency and maintains these properties even if not fully loaded.

泵性能参数表 Table of property parameters

型 号 Model	叶 轮 形 式 Impeller type	泵额定转速Speed n=2900r/min										泵额定转速Speed n=1450r/min									
		流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density		比重γ=1.35 Density		比重γ=1.84 Density		流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density		比重γ=1.35 Density		比重γ=1.84 Density	
						电机功率及型号 Motor power and type										电机功率及型号 Motor power and type					
						kw		kw		kw						kw		kw		kw	
C232-160	A	20	36	3.1	82	4	Y112M-2	5.5	Y132S-2	7.5	Y132S-2	11	9	1.5	48	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
	B	18	32			4	Y112M-2	5.5	Y132S-2	7.5	Y132S-2	10	8								
	C	17	28			3	Y100L-2	4	Y112M-2	5.5	Y132S-2	9	7								
	D	15	20			2.2	Y90L-2	3	Y100L-2	4	Y112M-2	8	5								
	E	13	14									8	3								
C232-200	A	20	50	2.7	51	7.5	Y132S-2	11	Y180M-2	15	Y180M-2	10	13	1	47	1.5	Y90L-4	1.5	Y90L-4	2.2	Y100L-4
	B	18	48			5.5	Y132S-2	7.5	Y132S-2	11	Y180M-2	9	12								
	C	16	40			4	Y112M-2	5.5	Y132S-2	7.5	Y132S-2	8	8								
	D	15	30																		
C232-250	A	20	66	2.1	40	15	Y180M-2	18.5	Y180L-2	30	Y200L-2	11	20	0.9	37	2.2	Y100L-4	3	Y100L-4	4	Y112M-4
	B	20	75			11	Y180M-2	15	Y180M-2	18.5	Y180L-2	9	15								
	C	18	66			7.5	Y132S-2	11	Y180M-2	15	Y180M-2	8	11								
	D	15	50																		
C240-160	A	30	34	1.5	63	7.5	Y132S-2	11	Y180M-2	15	Y180M-2	15	8	0.5	60	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
	B	28	30			5.5	Y132S-2	7.5	Y132S-2	11	Y180M-2	15	7								
	C	16	26			3	Y100L-2	5.5	Y132S-2	7.5	Y132S-2	14	6								
	D	14	18									12	4								
C240-200	A	34	50	2.4	60	11	Y180M-2	15	Y180M-2	18.5	Y180L-2	16	13	1.1	57	1.5	Y90L-4	1.5	Y90L-4	2.2	Y100L-4
	B	30	48			7.5	Y132S-2	11	Y180M-2	15	Y180M-2	15	12								
	C	26	38			5.5	Y132S-2	7.5	Y132S-2	11	Y180M-2	14	9								
	D	22	30									12	7								
C240-250	A	36	66	6	50	22	Y180M-2	30	Y200L-2	45	Y225M-2	20	21	2.5	48	4	Y112M-4	5.5	Y132S-4	5.5	Y132S-4
	B	34	60			18.5	Y180L-2	22	Y180M-2	37	Y200L-2	18	20								
	C	30	66			15	Y180M-2	18.5	Y180L-2	30	Y200L-2	16	15								
	D	26	50			11	Y180M-2	15	Y180M-2	18.5	Y180L-2	13	12								
C240-315	A	46	140	4	50	45	Y225M-2	55	Y250M-2	75	Y280S-2	22	36	1	46	11	Y160M-4	11	Y160M-4	11	Y160M-4
	B	44	130			37	Y200L-2	45	Y225M-2	75	Y280S-4	22	32								
	C	40	100			30	Y200L-2	37	Y200L-2	55	Y250M-2	20	24								
	D	34	80			30	Y200L-2	37	Y200L-2	55	Y250M-2	18	18								
C250-100	A	55	34	2.9	73	11	Y180M-2	11	Y180M-2	15	Y180M-2	30	8	1.6	70	1.5	Y90L-4	2.2	Y100L-4	3	Y100L-4
	B	50	30			7.5	Y132S-2	7.5	Y132S-2	11	Y180M-2	24	6								
	C	45	26			5.5	Y132S-2	5.5	Y132S-2	7.5	Y132S-2	24	4								
	D	40	18									20	4								

泵性能参数表 Table of property parameters

型 号 Model	叶 轮 形 式 Impeller type	额定转速Speed n=2500r/min									额定转速Speed n=1450r/min																			
		流量 Capacity Q m³/h	扬程 Head H m	汽蚀余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density			比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density									
						电机功率及型号 Motor power and type						电机功率及型号 Motor power and type						电机功率及型号 Motor power and type												
						kw						kw						kw						kw						
C250-250	A	65	55	4	72	18.5	Y160-2	22	Y160M-2	45	Y225S-2	34	14	1.5	70	3	Y100L-4	4	Y112M-4	5.5	Y132S-4									
	B	65	50			15	Y160M-2	18.5	Y160L-2	37	Y200L-2	32	12			2.2	Y100L-4	3	Y100L-4	4	Y112M-4									
	C	50	40			11	Y160M-2	15	Y160M-2	16.5	Y160L-2	30	10			1.5	Y90L-4		2.2	Y100L-4	3	Y100L-4								
	D	40	32			7.5	Y132S-2	11	Y160M-2	15	Y160M-2	24	7				1.5	Y90L-4		1.5	Y90L-4	2.2	Y100L-4							
C250-250	A	65	85	3	64	30	Y200L-2	37	Y200L-2	45	Y225M-2	34	21	1.1	59	5.5	Y132S-4		5.5	Y132S-4	11	Y160M-4								
	B	60	80				45	Y225M-2	30	20	4	Y112M-4																		
	C	55	65			22	Y160M-2	30	Y200L-2	37	Y200L-2	26	16			3	Y100L-4	4	Y112M-4	5.5	Y132S-4									
	D	45	50			15	Y160M-2	15	Y160M-2	22	Y160M-2	24	12			2.2	Y100L-4	3	Y100L-4	4	Y112M-4									
C250-315	A	80	140	5	60	75	Y280S-2	90	Y280M-2	110	Y315S-2	42	36	1.8	58	11	Y160M-4	11	Y160M-4			15	Y160L-4							
	B	75	135			65	Y250M-2	75	Y280S-2	110	Y315S-2	42	32																	
	C	70	110			45	Y225M-2			90	Y280M-2	40	26																	
	D	65	85			37	Y200L-2	45	Y225M-2	75	Y280S-2	36	20																	
C265-180	A	100	32	3	74	15	Y160M-2	18.5	Y160L-2	30	Y200L-2	50	8	1.5	68	2.2	Y100L-4		3	Y100L-4	4	Y112M-4								
	B	90	32				22	Y160M-2	45	7																				
	C	80	24			11	Y160M-2	15	Y160M-2	16.5	Y160L-2	45	6																	
	D	80	14			5.5	Y132S-2	7.5	Y132S-2	11	Y160M-2	36	4																	
C265-200	A	100	54	3.2	73	22	Y160M-2	30	Y200L-2	37	Y200L-2		13	1	73	4	Y112M-4		4	Y112M-4	5.5	Y132S-4								
	B	90	50				45	12	3	Y100L-4		3	Y100L-4			4	Y112M-4													
	C	80	40			18.5	Y160L-2	22	Y160M-2	30	Y200L-2	42	10																	
	D	70	30			11	Y160M-2	15	Y160M-2	16.5	Y160L-2	36	7			2.2	Y100L-4	2.2	Y100L-4	3	Y100L-4									
C265-250	A	115	85	3.4	71	45	Y225M-2	55	Y250M-2	65	Y280M-2	54	21	0.9	67	11	Y160M-4		11	Y160M-4			11	Y160M-4						
	B	115	75				75	Y280S-2	50	20	5.5	Y132S-4																		
	C	100	65			37	Y200L-2	45	Y225M-2	55	Y250M-2	45	16																	
	D	80	50			30	Y200L-2	30	Y200L-2	37	Y200L-2	40	10			4	Y112M-4	4	Y112M-4	5.5	Y132S-4									
C265-315	A	135	135	5.5	66	90	Y280M-2	110	Y315S-2	150	Y315M-2	64	32	1.3	62	11	Y160M-4		15	Y160L-4	18.5	Y180M-4								
	B	130	125				81	30																						
	C	115	115			75	Y280S-2	90	Y280M-2	132	Y315M-2	56	28																	
	D	110	110			55	Y250M-2	75	Y280S-2	110	Y315S-2	54	24																	
	E	90	85			45	Y225M-2	55	Y250M-2	75	Y280S-2	50	20																	
	F	75	70			30	Y200L-2	45	Y225M-2	55	Y250M-2	32	16			5.5	Y132S-4													
C280-180	A	170	30	4.2	76	22	Y160M-2	30	Y200L-2	37	Y200L-2	75	8	2.2	70	3	Y100L-4		4	Y112M-4	5.5	Y132S-4								
	B	160	28			18.5	Y160L-2	22	Y160M-2		70	7																		
	C	150	22			15	Y160M-2	18.5	Y160L-2	30	Y200L-2	70	5			2.2	Y100L-4		3	Y100L-4	4	Y112M-4								
	D	130	18			11	Y160M-2	15	Y160M-2	16.5	Y160L-2	65	4																	

泵性能参数表 Table of property parameters

型 号 Model	叶 轮 型 式 Im- peller type	泵额定转速Speed n=2900/ min										泵额定转速Speed n=1450/ min																					
		流量 Capacity Q m ³ /h	扬程 Head H m	汽蚀 余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density			流量 Capacity Q m ³ /h	扬程 Head H m	汽蚀 余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density								
						电 机 功 率 及 型 号 Motor power and type													电 机 功 率 及 型 号 Motor power and type														
						kw			kw			kw							kw			kw			kw			kw			kw		
C230-200	A	150	90	3.6	79	37	Y200L-2	46	Y225M-2	55	Y250M-2	80	12	1.9	70	5.5	Y132S-4	11	Y160M-4	11	Y160M-4	5.5	Y132S-4	4	Y112M-4	5.5	Y132S-4	3	Y100L-4	4	Y112M-4		
	B	140	46			30	Y200L-2	37	Y200L-2	55	Y250M-2	75	11			4	Y112M-4	5.5	Y132S-4			3	Y100L-4	4	Y112M-4								
	C	130	38			22	Y160M-2	30	Y200L-2	37	Y200L-2	65	9			3	Y100L-4	4	Y112M-4			5.5	Y132S-4	3	Y200L-4	4	Y112M-4						
	D	110	26			15	Y160M-2	18.5	Y160L-2	30	Y200L-2	60	6			3	Y200L-4	4	Y112M-4			4	Y112M-4										
C230-250	A	190	80	5	80	75	Y280S-2	90	Y280M-2	110	Y315S-2	90	20	1.3	78	11	Y160M-4	11	Y160M-4	15	Y160L-4	11	Y160M-4	5.5	Y132S-4	5.5	Y132S-4	5.5	Y132S-4				
	B	180	75			55	Y250M-2	75	Y280S-2	110	Y315S-2	90	19			5.5	Y132S-4			5.5	Y132S-4												
	C	170	70			45	Y225M-2	75	Y280S-2	90	Y280M-2	85	17			5.5	Y132S-4			5.5	Y132S-4												
	D	150	55			37	Y200L-2	55	Y250M-2	75	Y280S-2	75	14			5.5	Y132S-4			5.5	Y132S-4												
	E	130	47			30	Y200L-2	37	Y200L-2	55	Y250M-2	70	11			5.5	Y132S-4			5.5	Y132S-4												
C230-315	A	200	130	5.5	76.5	110	Y315S-2	132	Y315M-2	132	Y315M-2	100	32	1.9	72.5	15	Y160L-4	15	Y160L-4	18.5	Y180M-4	15	Y160L-4	18.5	Y180M-4	15	Y160L-4						
	B	180	125			75	Y280S-2	90	Y280M-2	132	Y315M-2	85	24			15	Y160L-4			18.5	Y180M-4												
	C	160	100			55	Y250M-2	75	Y280S-2	90	Y280M-2	70	18			15	Y160L-4			18.5	Y180M-4												
	D	150	75			37	Y200L-2	55	Y250M-2	75	Y280S-2	70	16			15	Y160L-4			18.5	Y180M-4												
C230-400	A											105	52	1.2	80	30	Y200L-4	30	Y200L-4	37	Y225S-4	37	Y225S-4	55	Y250M-4	55	Y250M-4						
	B											100	50			30	Y200L-4			55	Y250M-4												
	C											90	44			30	Y200L-4			45	Y225M-4												
	D											80	38			15.5	Y160M-4			37	Y225S-4												
	E											75	30			15.5	Y160M-4			30	Y200L-4												
C2100-200	A	220	45	4	81	45	Y225M-2	55	Y250M-2	75	Y280S-2	115	11	1.2	80	5.5	Y132S-4	11	Y160M-4	11	Y160M-4	11	Y160M-4	5.5	Y132S-4	5.5	Y132S-4						
	B	200	40			30	Y200L-2	45	Y225M-2	55	Y250M-2	100	10			5.5	Y132S-4			5.5	Y132S-4												
	C	180	30			22	Y160M-2	30	Y200L-2	45	Y225M-2	90	8			5.5	Y132S-4			5.5	Y132S-4												
	D	150	25			15	Y160M-2	18.5	Y160L-2	30	Y200L-2	80	6			5.5	Y132S-4			5.5	Y132S-4												
C2100-250	A	260	75	4.9	81.5	90	Y280M-2	110	Y315S-2	132	Y315M-2	130	20	1.2	75.5	15	Y160L-4	15	Y160L-4	30	Y200L-4	30	Y200L-4	55	Y250M-4	55	Y250M-4						
	B	250	70			75	Y280S-2	90	Y280M-2	132	Y315M-2	120	18			11	Y160M-4			55	Y250M-4												
	C	230	55			55	Y250M-2	75	Y280S-2	110	Y315S-2	120	14			11	Y160M-4			45	Y225M-4												
	D	200	40			37	Y200L-2	55	Y250M-2	75	Y280S-2	100	10			11	Y160M-4			45	Y225M-4												
C2100-315	A	270	135	5.5	75.5	160	Y315M-2	180	Y315M-2	180	Y315M-2	132	32	1.5	72	30	Y200L-4	30	Y200L-4	37	Y225S-4	37	Y225S-4	55	Y250M-4	55	Y250M-4						
	B	250	130			132	Y315S-2	150	Y315M-2	180	Y315M-2	120	30			15.5	Y160M-4			55	Y250M-4												
	C	230	100			110	Y315S-2	132	Y315M-2	180	Y315M-2	100	26			15	Y160L-4			45	Y225M-4												
	D	200	85			75	Y280S-2	110	Y315S-2	132	Y315M-2	90	21			15	Y160L-4			45	Y225M-4												
C2100-400	A											150	50	2	70	45	Y225M-4	45	Y225M-4	75	Y280S-4	75	Y280S-4	55	Y250M-4	55	Y250M-4						
	B											140	48			30	Y200L-4			55	Y250M-4												
	C											120	40			30	Y200L-4			45	Y225M-4												
	D											100	30			15.5	Y160M-4			30	Y200L-4												

泵性能参数表 Table of property parameters

型 号 Model	叶 轮 形 式 Im- peller type	泵额定转速Speed n=2900r/min										泵额定转速Speed n=1450r/min												
		流量 Capacity Q m ³ /h	扬程 Head H m	汽蚀 余量 NPSH m	效率 Efficiency η %	比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density			比重γ=1.00 Density			比重γ=1.35 Density			比重γ=1.84 Density			
						电机功率及型号 Motor power and type									电机功率及型号 Motor power and type									
						kw			kw			kw			kw			kw			kw			kw
CZ125-250	A											200	20	2.2	84	18.5	Y180M-4	22	Y180L-4	30	Y200L-4			
	B											200	18			15	Y180L-4	18.5	Y180M-4	33	Y200L-4			
	C											180	14			11	Y160M-4	15	Y160L-4	22	Y180L-4			
	D											160	10					11	Y160M-4	15	Y160L-4			
CZ125-315	A											200	30	2	79	30	Y200L-4	37	Y225S-4	45	Y250M-4			
	B											180	30					30	Y200L-4	37	Y225S-4			
	C											170	24			18.5	Y180M-4			30	Y200L-4			
	D											100	16			15	Y160L-4	18.5	Y180M-4	30	Y200L-4			
CZ125-400	A											220	50	2.2	74.5	55	Y250M-4	75	Y280S-4	90	Y280M-4			
	B											200	48			45	Y225M-4	75	Y280S-4	75	Y280S-4			
	C											180	48			37	Y225S-4	55	Y250M-4	75	Y280S-4			
	D											170	42					45	Y225M-4	55	Y250M-4			
	E											150	36			30	Y200L-4		30	Y200L-4	45	Y225M-4		
	F											150	30					30	Y200L-4		37	Y225S-4		
CZ150-250	A											320	17	3.5	83	22	Y180L-4							
	B											300	15			18.5	Y180M-4		30	Y200L-4	37	Y225S-4		
	C											280	13			15	Y160L-4	18.5	Y180M-4	30	Y200L-4			
	D											260	12			11	Y160M-4	15	Y180L-4	22	Y180L-4			
	E											240	11											
CZ150-315	A											380	30	3	82.5	45	Y225M-4	75	Y280S-4	90	Y280M-4			
	B											340	26			37	Y225S-4	45	Y225M-4	75	Y280S-4			
	C											320	20			30	Y200L-4	37	Y225S-4	55	Y250M-4			
	D											300	17			22	Y180L-4	30	Y200L-4	37	Y225-S4			
CZ150-400	A											400	48	4.3	80	75	Y280S-4	110	Y315S-4	132	Y315M-4			
	B											340	40			55	Y250M-4				110	Y315S-4		
	C											300	34			45	Y225M-4		75	Y280S-4	90	Y280M-4		
	D											280	28			37	Y225S-4	45	Y225M-4	75	Y280S-4			
CZ150-500	A											420	80	2.5	76	132	Y315M-4							
	B											400	70			110	Y315S-4		180	Y315M-4				
	C											360	65					132	Y315M-4					
	D											340	50			75	Y280S-4	110	Y315S-4	132	Y315M-4			
	E											300	45			55	Y250M-4	75	Y280S-4	110	Y315S-4			
CZ200-250	A											600	12	3.5	85	30	Y200L-4	37	Y225S-4	55	Y250M-4			
	B											540	11			22	Y180L-4	30	Y200L-4		45	Y225M-4		
	C											500	10								37	Y225S-4		

泵性能参数表 Table of property parameters

泵 号 Model	叶轮型式 Impeller type	泵额定转速Speed $n=2900$ / min										泵额定转速Speed $n=1450$ / min											
		流量 Capacity Q m^3/h	扬程 Head H m	汽蚀余量 NPSH m	效率 Efficiency η %	比重 $\gamma=1.00$ Density		比重 $\gamma=1.35$ Density		比重 $\gamma=1.84$ Density		流量 Capacity Q m^3/h	扬程 Head H m	汽蚀余量 NPSH m	效率 Efficiency η %	比重 $\gamma=1.00$ Density		比重 $\gamma=1.35$ Density		比重 $\gamma=1.84$ Density			
						电机功率及型号 Motor power and type										电机功率及型号 Motor power and type							
						kW				kW								kW				kW	
CZ200-315	A										550	24		4	80.5	55	Y250M-4	75	Y280S-4	100	Y315S-4		
	B										600	20								90	Y280M-4		
	C										550	18						37	Y225S-4	45	Y225M-4	75	Y280S-4
	D										500	13						30	Y200L-4	37	Y225S-4	55	Y250M-4
CZ200-400	A										650	52		3.5	84								
	B										550	45						90	Y280M-4	132	Y315M-4		
	C										500	40						75	Y280S-4	110	Y315S-4	160	Y315M-4
	D										450	30						55	Y250M-4	75	Y280S-4	110	Y315S-4
CZ200-500	A										700	75		3	81.5								
	B										650	65						160	Y315M-4				
	C										550	55						110	Y250M-4	160	Y315M-4		
	D										450	40						75	Y280S-4	110	Y315S-4	132	Y315M-4
CZ250-315	A										950	22		5	86								
	B										900	20						75	Y280S-4	110	Y315S-4	160	Y315M-4
	C										800	16						55	Y250M-4	75	Y280S-4	110	Y315S-4
	D																						
CZ250-400	A										1000	44		6	93								
	B										900	38						132	Y315M-4				
	C										850	30						110	Y315S-4	160	Y315M-4		
	D										800	24						90	Y280M-4	110	Y315S-4	160	Y315M-4
CZ250-500	A										1200	80		6	85								
	B										1100	70											
	C										1000	55											
	D										850	45						160	Y315M-4				
CZ300-400	A										1500	40		6	87								
	B										1400	30						160	Y315M-4				
	C										1300	25						132	Y315M-4				
	D										1200	20						110	Y315S-4	160	Y315M-4		
CZ300-500	A										1700	70		6	83.5								
	B										1500	60											
	C										1300	50											
	D										1100	40											

说明: *订货合同在泵型上还应注明叶轮型式,例如:选 CZ40-250。叶轮式为 A,应写为 CZ40-250A。

*表中有流量、扬程值而无功率值的泵,需订货时当面确定。

Explanation: *The impeller type should be indicated in addition to the pump model in the purchasing contract, for example, if CZ40-250 is selected and the impeller type is "A", it should be indicated as CZ40-250A.

*For a pump listed in the table which has quantity of flow and delivery head but no value of power, it should be discussed and decided when placing the order.

ZA/ ZAO Series Chemical Process Pump

●ZA/ZAO系列石油化工流程泵



概 述

ZA、ZAO 石油化工流程泵，是根据 API610 和 VDMA24297(轻/中型)规范设计的。

■ 应用范围

本泵适合输送清洁或含有颗粒的液体，低温或高温的液体，中性或有腐蚀性的液体。

■ 主要用途

炼油厂、石油化学工业、煤加工工业和低温工程

化学工业、造纸、纸浆业、制糖业和普通流程工业

供水厂、海水淡化厂

供暖和空气调节系统

发电厂

环境保护工程

船舶及海上工业等

■ 使用参数

口径 25 ~ 400mm

流量 Q 可达 2600m³/h

扬程 H 可达 250m

工作压力 P 可达 2.5MPa

工作温度 T - 20°C ~ + 180°C

中心支撑 - 20°C ~ + 450°C

General

Model - ZA, ZAO series petrochemical process pump is designed according to API610 and VDMA24297(light/medium model).

■ Application ranges

For pumping clean or slightly grain tained, cold or hot, chemically neutral or corrosive liquids.

■ Mainly usage

In refineries, petrochemical industry, coal processing and low temperature engineering.

In chemical industry, fibre and general processing industries, particularly in paper and pulp industries, sugar industry.

In water industry, particularly seawater desalination plants.

In heating and air - conditioning system.

In fossile and nuclear power - stations.

Condition protective project.

In ship and offshore industries.

■ Operating data

Size 25 ~ 400mm

Capacities Q up to 2600m³/h

Heads H up to 250m

Operating pressures P up to 2.5MPa

Operating temperature t - 20 up to + 180°C

Centerline support - 20°C ~ + 450°C

ZE Series Chemical Process Pump

●ZE系列石油化流程泵



ZE 石油化流程泵，是根据 API610(第八版)规范设计的。

应用范围

本泵适合输送清洁或含有颗粒的液体，低温或高温的液体，中性或有腐蚀性的液体，耐高温高压。

主要用途

炼油厂、石油化学工业、煤加工工业。

化学工业、造纸、纸浆业、制糖业和普通流程工业。

供水厂、海水淡化厂

供暖和空气调节系统

发电厂

环境保护工程

船舶及海上工业等。

使用参数

口径 25 - 400mm

流量(Q)可达 2600m³/h

扬程(H)可达 250m

工作压力(P)可达 2.5 - 8.0MPa

工作温度(T) - 20℃ ~ + 450℃

Model-ZE Series petrochemical process pump is designed according to API610(8th edition).

Application ranges

For pumping clean or slightly grain contained, cold or hot, chemically neutral or corrosive liquids.

Mainly usage

In refineries, petrochemical industry, coal processing, can work in high temperature and high press.

In chemical industry, fibre and general processing industries, particularly in paper and pulp industries, sugar industry.

In water industry, particularly seawater desalination plants.

In heating and air - conditioning system.

In fossil and nuclear power - stations.

Condition protective project.

In ship and offshore industries.

Operating data

Size 25 - 400mm

Capacities (Q): up to 2600 m³/h

Heads (H): up to 250m

Operating Pressures (P): 2.5 - 8.0Mpa

Operating Temperature (t): - 20℃ + 450℃

ZA、ZA0、ZE泵性能参数表 Table of property parameters

型 号 Model	叶轮 型式 Impeller type	泵额定转速 Speed n=2900r/min										泵额定转速 Speed n=1450r/min																			
		流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 LK kW	汽蚀余量 NPSH m	电机功率及型号 Motor power and type			流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 LK kW	汽蚀余量 NPSH m	电机功率及型号 Motor power and type			流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 LK kW	汽蚀余量 NPSH m	电机功率及型号 Motor power and type								
							电机功率及型号 Motor power and type								电机功率及型号 Motor power and type								电机功率及型号 Motor power and type								
							kw								kw								kw			kw			kw		
25-200	A	11.5	40				5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	5.0	12																	
	B	10.5	42				4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2	5.4	11																	
	C	9	36				3	Y100L-2	4	Y112M-2	5.5	Y132S1-2	4.0	8.5																	
	D	7.5	28				2.2	Y90L-2	3	Y100L-2	4	Y112M-2	4	6.5																	
	E	6.5	18				1.5	Y90S-2	1.5	Y90S-2	2.2	Y90L-2	3	4																	
25-250	A	10.5	80				11	Y160M1-2	15	Y160M2-2	18.5	Y180L-2	7.5	18								2.2	Y100L1-4	3.0	Y100L2-4	4	Y112M-4				
	B	9.7	88				7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	7	16								2.2	Y100L1-4	3.0	Y100L2-4	4	Y112M-4				
	C	9	80				5.5	Y132S1-2	11	Y160M1-2	15	Y160M2-2	6.5	11.5								2.2	Y100L1-4	2.2	Y100L2-4	3	Y100L2-4				
	D	8.5	30										6	6.5								1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L1-4				
	E						4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2																			
25-315	A	18.5	130				30	Y200L1-2	45	Y225M-2	55	Y250M-2	9.5	32								6.5	Y132S-4	7.5	Y132M-4	11	Y160M-4				
	B	17.5	115				30	Y200L1-2	37	Y200L2-2	45	Y225M-2	8.7	29								4.0	Y112M-4	5.5	Y132S-4	7.5	Y132M-4				
	C	16	100				22	Y180M-2	30	Y200L1-2	45	Y225M-2	7.5	25								3.0	Y100L2-4	4.0	Y112M-4	5.5	Y132S-4				
	D	14	90				18.5	Y160L-2	30	Y200L1-2	37	Y200L2-2	7	22								3.0	Y100L2-4	4.0	Y112M-4	5.5	Y132S-4				
	E	13	80				18.5	Y160L-2	22	Y180M-2	36	Y200L1-2	6.8	20								3.0	Y100L2-4	4.0	Y112M-4	5.5	Y132S-4				
	F	11.5	57				15	Y160M2-2	18.5	Y180L-2	36	Y200L1-2	8	16								2.2	Y100L1-4	3.0	Y100L2-4	4.0	Y112M-4				
40-160	A	28	30				5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	14	8																	
	B	25.4	28										13	7																	
	C	22	22				4	Y112M-2	5.5	Y132S1-2	5.5	Y132S1-2	11	5.5																	
	D	20	16				2.2	Y90L-2	3	Y100L-2	4	Y112M-2	9.5	4.5																	
40-200	A	29	50				11	Y160M1-2	15	Y160M2-2	18.5	Y180L-2	14.5	13								1.5	Y90L-4	2.2	Y100L1-4	3	Y100L2-4				
	B	26	47				7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	13	11.5								1.1	Y90S-4		1.5	Y90L-4	3	Y100L2-4			
	C	22	36				5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	11.8	9																	
	D	18	20				4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2	9.5	7								1.1	Y90S-4		1.1	Y90S-4	1.1	Y90S-4			
40-250	A	32	78				18.5	Y180L-2	22	Y180M-2	36	Y200L1-2	18	19.5								3	Y100L2-4	4	Y112M-4	5.5	Y132S-4				
	B	30	72				15	Y160M2-2	18.5	Y180L-2	36	Y200L1-2	15	16								2.2	Y100L1-4	3	Y100L2-4	4	Y112M-4				
	C	24	60				11	Y160M1-2	15	Y160M2-2	18.5	Y180L-2	12.5	14								1.5	Y90L-4	2.2	Y100L1-4	3	Y100L2-4				
	D	21	47				7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	10.5	11								1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L1-4				
40-315	A	42	115				37	Y200L2-2		45	Y225M-2	75	Y280S-2	21	29							6.5	Y132S-4	7.5	Y132M-4	11	Y160M-4				
	B	40	107				30	Y200L1-2			55	Y250M-2	20	28.5								4	Y112M-4	5.5	Y132S-4	7.5	Y132M-4				
	C	34	81				22	Y180M-2	30	Y200L1-2	45	Y225M-2	17.8	20								3	Y100L2-4	3	Y100L2-4	5.5	Y132M-4				
	D	29	61				15	Y160M2-2	22	Y180M-2	36	Y200L1-2	15	15																	
50-160	A	50	34				11	Y160M1-2	15	Y160M2-2		15	Y160M2-2	25	8.4							1.5	Y90L-4		2.2	Y100L1-4					
	B	45	28				7.5	Y132S2-2	11	Y160M1-2			22.5	7																	
	C	36	22				5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	19	5.5								1.1	Y90S-4		1.1	Y90S-4	1.5	Y90L-4			
	D	31	17				3	Y100L-2	4	Y112M-2	5.5	Y132S1-2	18.5	4																	
50-200	A	52	52				18.5	Y180L-2	22	Y180M-2	36	Y200L1-2	31	13								0	Y100L2-4		3	Y100L2-4	4	Y112M-4			
	B	55	46				15	Y160M2-2	18.5	Y180L-2	22	Y180M-2	28.5	11.5								2.2	Y100L1-4								
	C	49	37				11	Y160M1-2	15	Y160M2-2	18.5	Y180L-2	25	9								1.5	Y90L-4	2.2	Y100L1-4	3	Y100L2-4				
	D	43	28				7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	22	8								1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L1-4				
50-250	A	70	82				55	Y250M-2			55	Y250M-2	35	20								4	Y112M-4	5.5	Y132S-4	7.5	Y132M-4				
	B	66	76				30	Y200L1-2	37	Y200L2-2		45	Y225M-2	33	18.5							3	Y100L2-4	4	Y112M-4	5.5	Y132S-4				
	C	60	60				22	Y180M-2	30	Y200L1-2	37	Y200L2-2	30	16								2.2	Y100L1-4	3	Y100L2-4	3	Y100L2-4				
	D	50	45				15	Y160M2-2	18.5	Y180L-2	22	Y180M-2	28	11																	
50-315	A	87	115				55	Y250M-2			110	Y315S-2	44	28								11	Y160M-4		11	Y160M-4	15	Y160L-4			
	B	80	100				45	Y225M-2			75	Y280S-2	40	24								7.5	Y132M-4								
	C	70	78				30	Y200L1-2	45	Y225M-2	55	Y250M-2	35	19								5.5	Y132S-4	7.5	Y132M-4	11	Y160M-4				
	D	57	57				22	Y180M-2	30	Y200L1-2	37	Y200L2-2	30	14								3	Y100L2-4	4	Y112M-4	5.5	Y132S-4				
80-400	A	162	194				110	Y315S-2	180	Y315M2-2			41	48								15	Y160L-4		22	Y160L-4	30	Y200L-4			
	B	178	175				80	Y280M-2	132	Y315M1-2	180	Y315M2-2	38	43								18.5	Y180M-4		18.5	Y180M-4	22	Y180L-4			
	C	150	140				75	Y280S-2	90	Y280M-2	132	Y315M1-2	35	34								11	Y160M-4	15	Y160L-4	18.5	Y180M-4				
	D	60	102				45	Y225M-2	75	Y280S-2	90	Y280M-2	30	25								7.5	Y132M-4	11	Y160M-4	15	Y160L-4				

ZA、ZA0、ZE泵性能参数表 Table of property parameters

型 号 Model	叶轮 型式 Impeller type	泵额定转速 Speed n=2900/rmin										泵额定转速 Speed n=1450/rmin																	
		流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 UK kW	轴功率 NPSH m	比重 γ=1.00 Density γ=1.00			比重 γ=1.35 Density γ=1.35			比重 γ=1.84 Density γ=1.84			流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 UK kW	轴功率 NPSH m	比重 γ=1.00 Density γ=1.00			比重 γ=1.35 Density γ=1.35			比重 γ=1.84 Density γ=1.84		
							电机功率及型号 Motor power and type																						
							kw			kw			kw								kw			kw			kw		
50-160	A	94	32	78	2	3	15	Y180M2-2	18.5	Y180L-2	30	Y200L1-2	47	8	76	2	0.8	2.2	Y180L-4	3	Y180L2-4	4	Y112M-4	2.2	Y180L1-4	2.2	Y180L1-4	1.5	Y180S-4
	B	86	28				11	Y160M1-2	15	Y160M2-2	18.5	Y180L-2	42	7															
	C	78	23						11	Y160M1-2	15	Y160M2-2	38	5.5															
	D	66	17				5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	34	4															
80-200	A	103	54	76	2	3.2	30	Y200L1-2	37	Y200L2-2			51	13.5	74	2	0.8	4	Y112M-4	5.5	Y132S-4	7.5	Y132M-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	95	48				22	Y180M-2	30	Y200L1-2	37	Y200L2-2	47	12															
	C	84	38				15	Y180M2-2	22	Y180M-2	30	Y200L1-2	41	9.5															
	D	75	30				11	Y180M1-2	18	Y180M2-2	22	Y180M-2	38	7.5															
80-250	A	127	82	74	2	3.5	40	Y225M-2	75	Y280S-2	90	Y280M-2	84	20	74	2	1.4	7.5	Y112M-4	11	Y180M-4	15	Y180L-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	120	76				55	Y250M-2	75	Y280S-2	75	Y280M-2	80	18															
	C	105	68				30	Y200L1-2	45	Y225M-2	55	Y250M-2	52	14.5															
	D	87	45				22	Y180M-2	30	Y200L1-2	37	Y200L2-2	48	11															
80-315	A	141	127	69	2	4	50	Y280M-2					70	33	69	2	1	15	Y180L-4	18.5	Y180M-4	22	Y180L-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	135	121				75	Y280S-2					66	30															
	C	115	97				55	Y250M-2	75	Y280S-2			56	24															
	D	90	74				37	Y200L2-2	45	Y225M-2	75	Y280S-2	45	18															
80-400	A	171	167	61	3	3.5	100	Y315M2-2					85	40	61	3	0.8	22	Y180L-4	30	Y200L-4	45	Y225M-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	159	170				80	Y280M-2	132	Y315M1-2			65	33															
	C	135	130				75	Y280S-2	90	Y280M-2	132	Y315M1-2	53	25															
	D	118	95																										
100-180	A	182	29	81	2	4.7	22	Y180M-2	30	Y200L1-2	37	Y200L2-2	81	7.2	81	2	1.4	3	Y180L-4	4	Y112M-4	5.5	Y132S-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	180	24				15	Y180M2-2	22	Y180M-2	30	Y200L1-2	73	6															
	C	130	17				11	Y180M1-2	15	Y180M2-2	18.5	Y180L-2	83	4.3															
	D	110	12				7.5	Y132S2-2	11	Y180M1-2	15	Y180M2-2	55	3															
100-200	A	180	50	81	2	3.7	45	Y225M-2	55	Y250M-2			95	12.5	81	2	1	5.5	Y132S-4	7.5	Y132M-4	11	Y180M-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	180	44				37	Y200L2-2	45	Y225M-2			90	10.5															
	C	155	35				30	Y200L1-2	37	Y200L2-2	45	Y225M-2	80	8.5															
	D	135	26				18.5	Y160L-2	30	Y200L1-2	37	Y200L2-2	70	6															
100-250	A	230	79	81	2	4	75	Y280S-2	90	Y280M-2			115	20	81	2	1	11	Y180M-4	15	Y180L-4	18.5	Y180M-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	218	73				45	Y225M-2	75	Y280S-2	90	Y280M-2	100	14															
	C	180	58				37	Y200L2-2	45	Y225M-2	75	Y280S-2	90	10															
	D	170	44																										
100-315	A	260	128	78	3	5	132	Y315M1-2	180	Y315M2-2			125	31	78	3	1.4	18.5	Y180M-4	22	Y180L-4	30	Y200L-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	240	120				90	Y280M-2	132	Y315M1-2	180	Y315M2-2	104	24															
	C	203	87				75	Y280S-2	75	Y280S-2	110	Y315S-2	85	17.5															
	D	170	71																										
100-400	A	300	194	74.5	3	5.4							190	48	74.5	3	1.7	37	Y225S-4	45	Y225M-4	55	Y225M-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	280	180									145	44																
	C	260	145									130	36																
	D	224	105				110	Y315S-2	180	Y315M2-2			115	26															
100-500	A												180	75	70	3	1.5	75	Y280S-4	80	Y280M-4	110	Y315S-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B											167	66																
	C											142	55																
	D											120	42																
150-200	A	320	44	85.5	2	5.4	55	Y250M-2	75	Y280S-2			180	11	85.5	2	1.7	7.5	Y132M-4	11	Y180M-4	15	Y180L-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	300	39				45	Y225M-2			90	Y280M-2	152	9.5															
	C	285	30				37	Y200L2-2	45	Y225M-2	75	Y280S-2	140	7															
	D	220	23				22	Y180M-2	30	Y200L1-2	45	Y225M-2	123	5															
150-250	A	360	74	82	3	6	110	Y315S-2	180	Y315M2-2			195	18.5	82	3	1.4	15	Y180L-4	22	Y180L-4	30	Y200L-4	2.2	Y180L1-4	3	Y180L2-4	4	Y112M-4
	B	355	62				90	Y280M-2	110	Y315S-2	180	Y315M2-2	180	6															
	C	325	45				75	Y280S-2	90	Y280M-2	110	Y315S-2	180	11.5															
	D																												

ZA/ZAO/ZE系列石油化工流程泵

ZA/ZAO/ZE Series Chemical Process Pump

ZA、ZAO、ZE泵性能参数表 Table of property parameters

[illegible]

ZA、ZAO、ZE泵性能参数表 Table of property parameters

型 号 Model	叶轮 型式 Impeller type	额定转速 Speed: n=2800r/min										额定转速 Speed: n=1450r/min																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 LK kW	汽蚀余量 NPSH m	比重 γ=1.00 Density γ=1.00			比重 γ=1.35 Density γ=1.35			比重 γ=1.84 Density γ=1.84			流量 Q m³/h Capacity	扬程 H m Head	效率 η %	轴功率 LK kW	汽蚀余量 NPSH m	比重 γ=1.00 Density γ=1.00			比重 γ=1.35 Density γ=1.35			比重 γ=1.84 Density γ=1.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
							电动机功率及型号 Motor power and type			电动机功率及型号 Motor power and type			电动机功率及型号 Motor power and type								电动机功率及型号 Motor power and type			电动机功率及型号 Motor power and type			电动机功率及型号 Motor power and type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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250-300	A															800	82																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

说明: 1、订货合同在泵型号上还应注明叶轮型式及轴承架号,例如,选取 ZA、ZAO、ZE40-250,叶轮型式为 A, 1号轴承支架,应写成 ZA、ZAO、ZE40-250A。

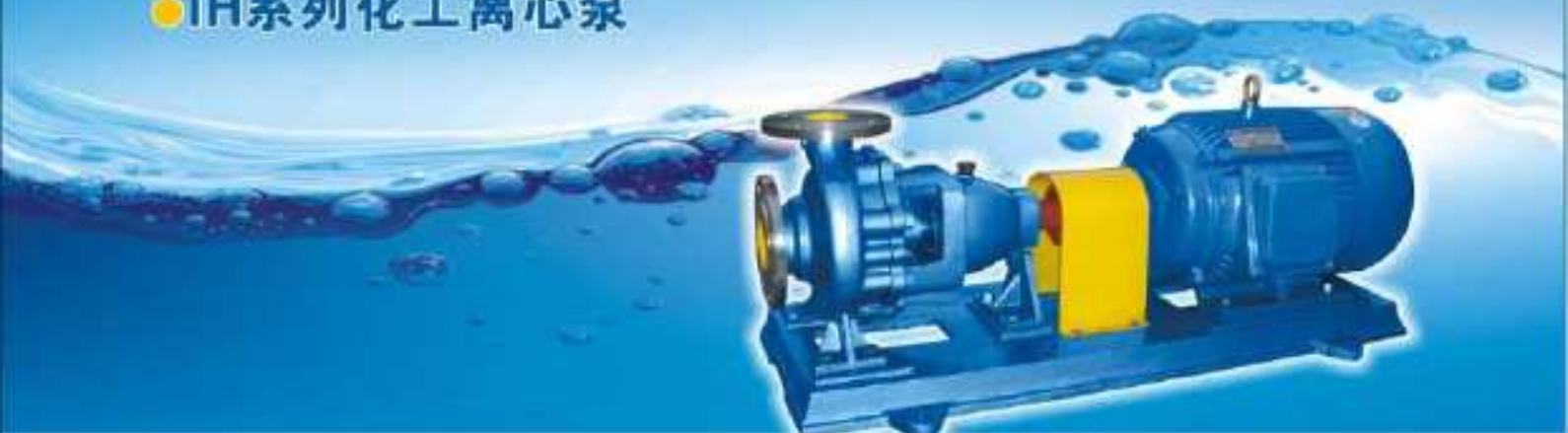
2、表中有流量、扬程值而无功率值的泵,其功率超过 160KW,需订货时当面确定。

Note: 1. The type of impeller and No. of bearing bracket should be noted for the pump size in the ordering contract, etc, when ZA、ZAO、ZE40-250 is selected, the impeller size should be A1, ZA、ZAO、ZE40-250A. It should be bearing bracket No.

2. If there is the value of flow and head but without the power value of pumps in the list. When their power values exceed 160 kw. It should be made sure when ordering.

Model-IH Series Chemical Pump

●IH系列化工离心泵



概述

IH 型泵是单级单吸(轴向吸入)耐腐蚀离心泵,供输送不含固体颗粒、具有腐蚀性、粘度类似于水的液体。介质温度为 $-20^{\circ}\text{C} \sim 105^{\circ}\text{C}$, 必要时采用冷却措施温度可更高。适用于石油、化工、冶金、电力、造纸、食品、制药和合成纤维等部门。

性能范围

流量 Q	$0.3 \sim 400\text{m}^3/\text{h}$
扬程 H	$5 \sim 125\text{m}$
转速 n	2900、1450r/min
配带功率	$0.55 \sim 90\text{kW}$
进口直径	$32 \sim 200\text{mm}$
最高工作压力	1.6MPa

IH 型泵是全国泵行业采用 ISO2858 国际标准联合设计的系列产,具有性能范围广、效率高、“三化”水平高和维修方便等特点。

IH 型系列泵有 40 个基本型,其中 33 个双速(2900、1450r/min)经过 A、B 两种型式的叶轮直径切割变型后,达 112 个规格。

General

Type IH pump is single-stage and single-suction(axial suction) corrosion-resisting centrifugal pump, which pumps corrosive liquid without solid particle and glueness similar to water. The temperature of medium is $-20^{\circ}\text{C} \sim 105^{\circ}\text{C}$, if necessary, cooling measure can be taken to reach a higher temperature. It applies to petroleum, chemical, metallurgical, power, paper making, foodstuff, pharmaceutical, and synthetic fiber industry, etc.

Range of properties: Capacity(Q): $0.3 \sim 400\text{m}^3/\text{h}$
Head(H): $5 \sim 125\text{m}$
Rotational speed(n): 2900, 1450r/min
Power: $0.55 \sim 90\text{kW}$
Inlet diameter: $32 \sim 200\text{mm}$
Max. operating pressure: 1.6MPa

Type IH pump is designed by National pump Industry according to ISO2858 Standard, which has many advantages such as wider range of properties, higher efficiency, and convenient maintenance.

Type IH serial pump have 40 basic types, among which there are 33 double speed(2900, 1450r/min), and can reach 112 specifications after cutting impeller diameter of type A and B.

HJ(IJ) Series Chemical Centrifugal Pump

●HJ(IJ)系列化工离心泵



概述

HJ、IJ 型单级单吸悬臂式化工离心泵是在 IH 系列泵的基础上，参照国外最新技术优化设计的新产品，其额定性能和安装尺寸符合 ISO2858 标准，制造技术条件符合 ISO5199 标准，主要适用于化工流程中含固量小于 50% 之内的浆液的输送。

与 IH 泵相比，HJ、IJ 化工泵结构具有以下特点：

- 1、全开式叶轮；
- 2、缩短了叶轮的悬臂，加粗了轴的直径；
- 3、非对称截面的蜗壳、泵壳无口环；
- 4、叶轮螺母与叶轮做成一体；

5、装有与国外先进的双端面机械密封或填料密封相似的新型密封。

由于以上结构使该泵有以下优越性：

1、可以输送高粘度或含固体的介质，这时泵的效率较 IH 泵高；

2、非对称截面蜗壳减少了流体的冲击损失，缩短了泵壳尺寸；

3、增加轴的强度，减少了转子的挠度，因而运行稳定、密封寿命长；

4、叶轮螺母与叶轮做成一体，改善了泵的入口条件，提高泵的抗汽蚀性能；

5、先进的轴封形式，使密封效果更佳，减少了泵的泄漏；

6、可以不拆卸泵壳和叶轮的情况下调节泵的间隙，减少了维修时间，节省维修成本。

General

On the basis of model IH pump series, model HJ、IJ cantilever-type single-stage-single-suction centrifugal chemical pump is a new product which is designed with overseas updated technologies for reference. Its rated performance and installation dimension are up to ISO2858 standards, while its production technology is in accordance with ISO5199 standards. The pump is mainly used in conveying slurry containing less than 50% solid granules in chemical process.

Compared with model IH pump, model HJ、IJ chemical pump has the following features in structure.

1. All-open type blade wheel;
2. Shortened cantilever of the blade wheel, and increased diameter of the shaft;
3. Spiral case of unsymmetrical section, pump casing without mouth ring;
4. The blade wheel and its nut are integrated;
5. A new seal, which is similar to overseas advanced double-end mechanical seal or filling seal, is installed.

Because of the above structure characters, the pump has the following advantages.

1. When used in conveying media with high viscosity or containing solid granules, the pump has higher efficiency, compared with model IH pump.

2. The spiral case with unsymmetrical section may lower the shock loss of liquid and shorten the size of pump casing.

3. Because of increased strength of shaft and lowered deflection of rotor, the pump can operate smoothly and the seal have a long life.

4. Because the blade wheel and its nuts are integrated, it can improve the feeding condition of the pump and strengthen the cavitation-proof performance of the pump.

5. With advanced seal form, it is ensured that the pump has better seal effect and less leakage.

6. The gap of the pump can be adjusted without disassembling pump casing and blade wheel. This can lower the maintenance time and save the maintenance cost.

IH、HJ (IJ) 泵性能参数表 Table of property parameters

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Efficiency (%)	必需汽 蚀余量 (NPSH) _r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
32-20-125	3.2	0.88	20	2900	0.48		35	5.0
32-20-160	3.2	0.88	32		0.93	按液体的 比重和粘 度选用	30	3.5
32-20-200	3.2	0.88	50		1.62		27	4.0
32-20-250	3.2	0.88	80		4.1		17	4.5
40-25-125	6.3	1.74	20		0.86	according to viscosity and gravity liquid	52	5.0
40-25-160	6.3	1.74	32		1.53		36	3.5
40-25-200	6.3	1.74	50	2900	2.52		34	3.5
40-25-250	6.3	1.74	80		5.3		26	4.5
50-32-125	7.5	2.08	23		1.09		43	2.0
	12.5	3.47	20		1.33		51	2.0
	15.0	4.17	18		1.50		49	2.5
50-32-125A	6.8	1.89	16.8		0.87	按液体的 比重和粘 度选用	40	2.0
	11.3	3.14	16.4		1.01		50	2.0
	13.6	3.78	14.7		1.16		47	2.5
50-32-125	3.75	1.04	5.57	1450	0.16	Select	36	1.0
	6.3	1.74	5.0		0.19	according to viscosity and gravity liquid	45	1.0
	7.5	2.08	4.5		0.21		44	1.2
50-32-125A	3.4	0.94	4.7	1450	0.13		33.3	1.0
	5.7	1.59	4.1		0.149		43	1.0
	6.8	1.89	3.7		0.163		42	1.2
50-32-160	7.5	2.08	34.5	2900	2.13		33	2.0
	12.5	3.47	32		2.37		46	2.0
	15.0	4.17	30		2.46		50	2.5
50-32-160A	6.8	1.89	26.5	2900	1.76		30	2.0
	11.3	3.14	26.4		1.85		44	2.0
	13.6	3.78	24.8		1.91		46	2.5
50-32-160	3.75	1.04	8.6	1450	0.30		29	1.0
	6.3	1.74	8.0		0.34		40	1.0
	7.5	2.08	7.5		0.36		43	1.2
50-32-160A	3.4	0.94	7.1	1450	0.253		25.9	1.0
	5.7	1.59	6.6		0.277		37.1	1.0
	6.8	1.89	6.2		0.290	按液体的 比重和粘 度选用	41	1.2
50-32-200	7.5	2.08	51.8	2900	3.78		28	2.0
	12.5	3.47	50		4.36		39	2.0
	15.0	4.17	48		4.56	Select	43	2.5
50-32-200A	6.8	1.89	42.7	2900	3.16	according to viscosity and gravity liquid	25	2.0
	11.3	3.14	41		3.24		38	2.0
	13.6	3.78	39.5		3.57		41	2.5
50-32-200	3.75	1.04	12.9	1450	0.57		23	1.0
	6.3	1.74	12.5		0.65		33	1.0
	7.5	2.08	12.0		0.68		36	1.2
50-32-200A	3.4	0.94	10.6	1450	0.488		20	1.0
	5.7	1.59	10.3		0.516		31	1.0
	6.8	1.89	9.9		0.540		34	1.2
50-32-250	7.5	2.08	82	2900	7.28		23	2.0
	12.5	3.47	80		8.25		33	2.0
	15.0	4.17	76.5		8.79		36.5	2.5

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Efficiency (%)	必需汽 蚀余量 (NPSH) _r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
50-32-250A	7	1.94	71.9	2900	6.84		20	2.0
	11.7	3.25	70		6.97		32	2.0
	14	3.89	68.8		7.71		34	2.5
50-32-250B	6.8	1.89	63.6	2900	5.71		20	2.0
	11.0	3.06	62		6.19		30	2.0
	13.2	3.67	60.9		6.64		33	2.5
50-32-250	3.75	1.04	20.5	1450	1.23		17	1.0
	6.3	1.74	20		1.27		27	1.0
	7.5	2.08	6.2		1.29	按液体的 比重和粘 度选用	31	1.2
50-32-250A	3.51	0.98	18.0	1450	1.12		15.4	1.0
	5.9	1.64	17.5		1.125	Select	25	1.0
	7.02	1.95	17.2		1.18		27.9	1.2
65-50-125	15	4.17	21.3	2900	1.85	according to viscosity and gravity liquid	47	2.0
	25	6.94	20		2.2		62	2.0
	30	8.33	18.6		2.4		63	2.5
65-50-125A	13.6	3.78	17.6	2900	1.48		44	2.0
	22.7	6.31	16.5		1.67		61	2.0
	27.3	7.58	15.4		1.91		59.9	2.5
65-50-125	7.5	2.08	5.4	1450	0.25		44	1.0
	12.5	3.47	5		0.31		55	1.0
	15.0	4.17	4.5		0.33		56	1.2
65-50-125A	6.8	1.89	4.5	1450	0.230		41	1.0
	11.3	3.14	4.1		0.234		54	1.0
	13.6	3.78	3.7		0.258		53	1.2
65-50-160	15	4.17	34.2	2900	3.18		44	2.0
	25	6.94	32		3.82		57	2.0
	30	8.33	30		4.15		59	2.5
65-50-160A	13.6	3.78	28.4	2900	2.56		41	2.0
	22.7	6.31	26.5		2.93		56	2.0
	27.3	7.58	24.8		3.29		56	2.5
65-50-160	7.5	2.08	8.55	1450	0.45		39	1.0
	12.5	3.47	8		0.53		51	1.0
	15.0	4.17	7.5		0.58	按液体的 比重和粘 度选用	52.5	1.2
65-50-160A	6.8	1.89	7.09	1450	0.37		35.5	1.0
	11.3	3.14	6.6		0.41	Select	49.6	1.0
	13.6	3.78	6.2		0.46		49.9	1.2
65-40-200	15	4.17	53.2	2900	5.30	according to viscosity and gravity liquid	41	2.0
	25	6.94	50		6.56		52	2.0
	30	8.33	47.6		7.27		53.5	2.5
65-40-200A	13.6	3.78	43.9	2900	4.28		38	2.0
	22.7	6.31	41		5.07		50	2.0
	27.3	7.58	39.3		5.73		51	2.5
65-40-200	7.5	2.08	13.3	1450	0.78		35	1.0
	12.5	3.47	12.5		0.93		46	1.0
	15.0	4.17	11.9		1.02		47.5	1.2
65-40-200A	6.8	1.89	11	1450	0.64		31.8	1.0
	11.3	3.14	10.3		0.72		44	1.0
	13.6	3.78	9.8		0.81		44.8	1.2

IH、HJ (IJ) 泵性能参数表 Table of property parameters

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Eff- ciency (%)	必需汽 蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
65-40-250	15	4.17	81.2	2900	9.76		34	2.0
	25	6.94	80		11.84		46	2.0
	30	8.33	76.4		12.8		50	2.5
65-40-250A	14	3.89	71	2900	8.73		31	2.0
	23.4	6.5	74.8		10.6		45	2.0
	28	7.78	68.8		11.13		47	2.5
65-40-250B	13.2	3.67	62.8	2900	7.29		31	2.0
	22	6.11	61.8		8.42		44	2.0
	26.4	7.33	53.0		8.45	按液体的	45	2.5
65-40-250	7.5	2.08	20.3	1450	1.48	比重和粘	26	1.0
	12.5	3.47	20		1.75	度选用	30	1.0
	15.0	4.17	19.6		1.86	Select	43	1.2
65-40-250A	7.0	1.94	17.8	1450	1.35	according to	25	1.0
	11.7	3.25	17.5		1.47	viscosity	37.9	1.0
	14.0	3.89	17.2		1.64	and gravity	40	1.2
65-40-315	15	4.17	126.8	2900	18.5	liquid	28	2.0
	25	6.94	125		21.8		39	2.0
	30	8.33	124		23.8		42.5	2.5
65-40-315A	14	3.89	111.2	2900	18.10		25	2.0
	23.4	6.5	109.5		18.36		38	2.0
	28	7.78	108.8		22.12		40	2.5
65-40-315B	13.2	3.67	98.0	2900	14.69		24	2.0
	22	6.11	96.5		15.63		37	2.0
	26.4	7.33	95.9		17.67		39	2.5
65-40-315	7.5	2.08	32.4	1450	3.0		22	1.0
	12.5	3.47	32		3.3		33	1.0
	15.0	4.17	31.7		3.5		37	1.2
65-40-315A	7.0	1.94	28.4	1450	2.84		19	1.0
	11.7	3.25	28.0		2.78		31	1.0
	14.0	3.89	27.8		3.12		34	1.2
80-65-125	30	8.33	23.2	2900	3.16		60	3.0
	50	13.9	20		3.95		69	3.0
	60	16.7	17.6		4.29	按液体的	67	4.0
80-65-125A	27.2	7.56	19.1	2900	2.48	比重和粘	57	3.0
	45.3	12.58	16.5		3.04	度选用	67	3.0
	54.4	15.12	14.5		3.36	Select	64	4.0
80-65-125	15	4.17	5.8	1450	0.44	according to	54	1.5
	25	6.94	5.0		0.53	viscosity	64	1.5
	30	8.33	4.4		0.58	and gravity	62	1.7
80-65-125A	13.6	3.78	4.8	1450	0.348	liquid	51	1.5
	22.6	6.28	4.1		0.407		62	1.5
	27.2	7.56	3.6		0.452		59	1.4
80-65-160	30	8.33	36	2900	5.16		57	2.0
	50	13.9	32		6.5		67	2.3
	60	16.7	28.4		7.14		65	3.3
80-65-180A	27.2	7.56	29.7	2900	4.08		54	2.0
	45.4	12.6	26.4		5.02		65	2.3
	54.4	15.12	23.4		5.39		62	3.3

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Eff- ciency (%)	必需汽 蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
80-65-160	15	4.17	9	1450	0.74		50	1.1
	25	6.94	8		0.88		62	1.1
	30	8.33	7.2		0.95		62	1.3
80-65-180A	13.6	3.78	7.4	1450	0.28		47.3	1.1
	22.7	6.31	6.6		0.58		60	1.1
	27.2	7.56	5.9		0.74		59	1.3
80-50-200	30	8.33	55.2	2900	6.5		53	2.0
	50	13.9	50		10.8		63	2.5
	60	16.7	45.2		11.9	按液体的	62	3.2
80-50-200A	27.2	7.56	45.4	2900	8.73	比重和粘	50	2.0
	45.3	12.58	41		8.29	度选用	61	2.5
	54.4	15.12	37.2		9.35	Select	59	3.2
80-50-200	15	4.17	13.5	1450	1.25	according to	44	1.1
	25	6.94	12.5		1.49	viscosity	57	1.1
	30	8.33	11.5		1.6	and gravity	58	1.3
80-50-200A	13.6	3.78	11.1	1450	1.00	liquid	41	1.1
	22.4	6.31	10.3		1.135		56.1	1.1
	27.2	7.56	9.5		1.28		55	1.3
80-50-250	30	8.33	84	2900	16.0		43	2.5
	50	13.9	80		20.6		53	2.5
	60	16.7	75		22.7		54	2.5
80-50-250A	28.14	7.82	73.55	2900	13.2		42.7	2.5
	46.9	13.03	70.5		18.1		56	2.5
	56.28	15.63	67.4		17.8		58.03	3.0
80-50-250B	26.4	7.33	64.8	2900	11.4		40.86	2.5
	44	12.22	62.2		13.8		54	2.5
	52.8	14.67	60		15.0		57.32	3.0
80-50-250	15	4.17	21	1450	2.15		40	1.2
	25	6.94	20		2.72		50	1.2
	30	8.33	18.8		3.01		51	1.5
80-50-250A	14.04	3.9	18.2	1450	1.66	按液体的	42	1.2
	23.4	6.5	17.6		2.25	比重和粘	50	1.2
	28.08	7.8	16.7		2.53	度选用	48.5	1.5
80-50-315	30	8.33	126	2900	33.1		38	2.5
	50	13.9	125		34.1	Select	50	2.5
	60	16.7	123		38.0	according to	53	3.0
80-50-315A	28.14	7.82	113.4	2900	21.5	viscosity	40.4	2.0
	46.9	13.03	110		28.1	and gravity	50	2.0
	56.28	15.63	107.4		30.0	liquid	55	2.5
80-50-315B	26.4	7.33	100.5	2900	17.0		43.5	2.0
	44	12.22	97		24.2		48	2.0
	52.8	14.67	95		25.0		54.6	2.5
80-50-315	15	4.17	32.5	1450	3.59		37	1.0
	25	6.94	32		4.54		48	1.0
	30	8.33	31.5		4.95		52	1.2

IH、HJ(IJ) 泵性能参数表 Table of property parameters

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Efficiency (%)	必需汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
80-50-315A	14.1	3.92	28.2	1450	3.62		31.8	1.0
	23.5	6.53	28.3		4.12		44	1.0
	28.2	7.83	27.1		4.41		47.2	1.2
100-80-125	60	16.7	23.7	2900	5.96		65	3
	100	27.8	23.0		7.47		73	4.2
	120	33.3	18.3		7.72	按液体的 比重和粘 度选用	69	4.8
100-80-125A	55	15.3	19.4	2900	4.68		62	3
	91.6	25.5	16.8		5.90		71	4.2
	106.0	30.5	13.7		6.12	Select	67	4.8
100-80-180	60	16.7	37	2900	10.1	according to viscosity and gravity liquid	60	3.8
	100	27.8	32		11.9		73	4.3
	120	33.3	26		12.5		73	5.0
100-80-180A	54.6	15.17	30.6	2900	7.98		57	3.8
	91	25.28	26.5		9.25		71	4.3
	106.2	30.34	23.2		9.86		70.4	5.0
100-80-180	30	8.33	9.25	1450	1.3		58	2.1
	50	13.9	8		1.58		69	2.1
	60	16.7	7		1.88		68	2.3
100-80-180A	27.3	7.58	7.66	1450	1.03		65.3	2.1
	45.5	12.64	6.6		1.22		67	2.1
	54.6	15.16	5.8		1.32		65.3	2.3
100-65-200	60	16.7	56	2900	14.5		63	3.4
	100	27.8	50		18.9		72	3.9
	120	33.3	44		20.3		71	5.2
100-65-200A	54.6	15.17	46.5	2900	11.5		60.1	3.4
	91	25.28	41.5		14.7		70	3.9
	106.2	30.34	36.6		16.0		68	5.2
100-65-200	30	8.33	14.0	1450	1.91		60	1.8
	50	13.9	12.5		2.5		68	1.8
	60	16.7	11.0		2.85	按液体的 比重和粘 度选用	63	2.1
100-65-200A	27.3	7.58	11.6	1450	1.51		57	1.8
	45.5	12.64	10.3		1.83		66	1.8
	54.6	15.16	9.1		2.25	Select	60.1	2.1
100-65-250	60	16.4	86	2900	25.2	according to viscosity and gravity liquid	57	3.0
	100	27.8	80		32.0		68	3.6
	120	33.3	74		36.1		67	4.5
100-65-250A	58.11	15.98	77	2900	21.8		54	3.0
	93.5	25.97	70		27.4		65	3.6
	112.2	31.18	64.7		30.9		64	4.5
100-65-250B	52.7	14.64	67.9	2900	18.3		53.3	3.0
	87.6	24.39	61.7		23.1		64	3.6
	105.4	29.28	57.0		26.0		62.9	4.5
100-65-250	30	8.33	22	1450	3.6		50	1.8
	50	13.9	20		4.3		63	1.8
	60	16.7	18.5		4.7		64	2.1
100-65-250A	28	7.79	19.2	1450	3.12		47	1.8
	45.5	12.64	17.4		3.63		61	1.8
	56.0	15.56	16.2		4.06		60.9	2.1

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Efficiency (%)	必需汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
100-65-315	60	16.7	132	2900	44.9		48	2.8
	100	27.8	125		54.9		62	3.2
	120	33.3	119		60.8		64	4.2
100-65-315A	56.1	15.58	115.5	2900	39.2		45	2.8
	93.5	25.97	109		45.5		61	3.2
	112.2	31.18	104		52.1	按液体的 比重和粘 度选用	61	4.2
100-65-315B	52.7	14.64	102	2900	33.3		44	2.8
	88	24.44	97		38.7		60	3.2
	105.4	29.28	92		44.0	Select	60	4.2
100-65-315	30	8.33	33.5	1450	6.2	according to viscosity and gravity liquid	44	1.8
	50	13.9	32		7.5		58	1.8
	60	16.7	30.5		8.3		60	1.9
100-65-315A	28	7.79	29.3	1450	5.46		41	1.8
	46.5	12.62	28		6.33		56	1.6
	56	15.56	26.7		7.15		57	1.9
125-80-180	180	44.4	32	2900	17.7		79	5.3
125-80-200	180	44.4	50	2900	28.3		77	4.3
125-80-250	180	44.4	80	2900	47.1		74	4
125-100-200	120	33.3	61	2900	29.3		68	4.5
	200	55.6	50		36.4		77	5.0
	240	66.7	41		38.3		70	5.8
125-100-200A	109.1	30.3	50.5	2900	23.1		64.9	4.5
	182	50.66	41.4		27.4		75	5.0
	218.2	60.6	34		30.1	按液体的 比重和粘 度选用	67.1	5.8
125-100-200	60	16.7	15.25	1450	3.86		64	2.5
	100	27.8	12.5		4.96		73	2.9
	120	33.3	10.25		5.08	Select	66	3.6
125-100-200A	54.7	15.2	12.6	1450	3.06	according to viscosity and gravity liquid	61	2.5
	91	25.28	10.3		3.60		71	2.9
	109.4	30.4	8.5		4.02		63	3.6
125-100-250	120	33.3	90	2900	47.4		62	3.7
	200	55.6	80		58.1		75	4.5
	240	66.7	73		64.5		74	5.5
125-100-250A	112	31.1	78	2900	40.3		59	3.7
	186.5	51.8	69.5		48.35		73	4.5
	224	62.2	63.5		54.5		71	5.5
125-100-250B	105.5	29.3	69.0	2900	34.2		58	3.7
	175.5	48.75	61.5		41.4		71	4.5
	211.0	58.6	56		46.0		69.9	5.5
125-100-250	60	16.7	22.5	1450	6.23		59	2.0
	100	27.8	20		7.96		72	2.3
	120	33.3	18.25		8.40		71	3.0

IH、HJ(IJ) 泵性能参数表 Table of property parameters

泵型号 Type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率(kw) Power		效率η Efficiency (%)	必需汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft	电机功率 Motor		
125-100-250A	56	15.56	19.5	1450	5.31		56	2.0
	93	25.83	17.4		6.29		70	2.3
	112	31.1	15.9		7.13		68	3.0
125-100-315	120	33.3	132.5	2900	65.3		52.6	4.0
	200	55.6	125		94.6		72	4.5
	240	66.7	120		103		75	5
125-100-315	60	16.7	33.5	1450	10.3	按液体的比重 和粘度选用 Select according to viscosity and gravity liquid	53	2.5
	100	27.8	32		13.5		65	2.5
	120	33.3	30.5		15.1		66	3
125-100-400	60	16.7	52	1450	17.7		48	2.5
	100	27.8	50		24.8		55	2.5
	120	33.3	48.5		25.5		62	3.0
125-100-400A	54.6	15.17	46	1450	13		44	2.5
	91	25.28	41		19		51	2.5
	109.2	30.34	36.6		19.6		58	3
150-125-250	120	33.3	24.8	1450	12.3		66	2.5
	200	55.6	20		14.1		77	2.8
	240	66.7	15		14.4		68	3.5
150-125-250A	109.1	30.3	20.5	1450	9.7		62.8	2.5
	182	50.56	16.5		10.9		75	2.8
	218.2	60.6	12.4		11.3		65.2	3.5
150-125-315	120	33.3	36.3	1450	18.8		63	2.5
	200	55.6	32.0		23.2		75	2.8
	240	66.7	28.5		25.9		72	3.8
150-125-315A	109.1	30.3	30.3	1450	14.85		80	2.5
	182	50.56	25.5		17.32		73	2.8
	218.2	60.6	23.5		20.23		69	3.8
150-125-400	120	33.3	57.5	1450	30.8		61	2.0
	200	55.6	50		38.9		70	2.5
	240	66.7	44		45.6		63	3.0
150-125-400A	109.1	30.3	47.5	1450	24.3	按液体的比重 和粘度选用 Select according to viscosity and gravity liquid	58	2.0
	182	50.56	41		29.9		68	2.5
	218.2	60.6	36.5		36.1		60	3.0
200-150-250	240	66.7	23	1450	23.3			2.5
	400	111.1	20		29.4		74	2.8
	460	127.8	18		30.6			3.0
200-150-315	240	66.7	35.6	1450	34.7		67	3.0
	400	111.1	32.0		44.1		79	3.5
	460	127.8	29.4		47.8		77	4.0
200-150-315A	218.2	60.6	29.4	1450	27.3		64	3.0
	363	100.8	25.5		32.7		77	3.5
	418	116.1	24.3		37.4		74	4.0
200-150-400	240	66.7	55.8	1450	54.4		67	3.0
	400	111.1	50		69.8		78	3.5
	460	127.8	47		78.5		75	4.0
200-150-400A	218.2	60.6	46	1450	42.7		64	3.0
	363	100.8	41		53.3		76	3.5
	418	116.1	38.8		61.3		72	4.0
250-200-550	500	138.8	75	1450	115.2		72	4.0

IH、HJ(IJ) 泵性能参数表 Table of property parameters

泵型号 Type	泵额定转速 Revolutinal speed = 2800r/min										泵额定转速 Revolutinal speed = 1450r/min																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power						流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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32-20-125	3.2	20	1.1	Y802-2/1.1	1.1	Y802-2/1.1	1.5	Y802-2/1.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

IH、HJ(IJ) 泵性能参数表 Table of property parameters

泵型号 Type	泵额定转速 Revolutinal speedn = 2800r/min												泵额定转速 Revolutinal speedn = 1450r/min											
	流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power						电机功率及型号 Type of motor and power						流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power							
			相对密度 = 1.00 relative density = 1.35			相对密度 = 1.84 relative density = 1.84			相对密度 = 1.00 relative density = 1.35			相对密度 = 1.84 relative density = 1.84					相对密度 = 1.00 relative density = 1.35			相对密度 = 1.84 relative density = 1.84				
			KW			KW			KW			KW					KW			KW				
			KW			KW			KW			KW					KW			KW				
65-40-200	25	50	11	Y160M ₁ -2/11	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	12.5	12.5	12.5	1.5	Y90L-4/1.5	2.2	Y100L ₁ -4/2.2	2.2	Y100L ₁ -4/2.2			
65-40-200A	22.7	41	7.5	Y132S ₁ -2/7.5	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	11.3	10.3	10.3	1.1	Y90S-4/1.1	1.5	Y90L-4/1.5	2.2	Y100L ₁ -4/2.2			
65-40-250	25	80	15	Y160M ₁ -2/15	22	Y160M ₁ -2/22	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	12.5	20	20	3	Y100L ₁ -4/3	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4.0			
65-40-250A	23.4	74.8	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	11.7	17.5	17.5	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4.0			
65-40-250B	22	61.8	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5												
65-40-315	25	125	30	Y200L ₁ -2/30	45	Y225M ₁ -2/45	55	Y250M ₁ -2/55	55	Y250M ₁ -2/55	55	Y250M ₁ -2/55	12.5	32	32	5.5	Y132S ₁ -4/5.5	7.5	Y132M ₁ -4/7.5	11	Y160M ₁ -4/11			
65-40-315A	23.4	109.5	30	Y200L ₁ -2/30	37	Y200L ₁ -2/37	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	11.7	28	28	4	Y112M ₁ -4/4.0	5.5	Y132M ₁ -4/5.5	7.5	Y132M ₁ -4/7.5			
65-40-315B	22	98.5	22	Y160M ₁ -2/22	30	Y200L ₁ -2/30	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37												
80-65-125	50	20	5.5	Y132S ₁ -2/5.5	7.5	Y132S ₁ -2/7.5	11	Y160M ₁ -2/11	11	Y160M ₁ -2/11	11	Y160M ₁ -2/11	25	5	5	0.75	Y80L-4/0.75	1.1	Y90S-4/1.1	1.5	Y90L-4/1.5			
80-65-125A	45.3	18.5	4	Y112M ₁ -2/4.0	5.5	Y132S ₁ -2/5.5	7.5	Y132S ₁ -2/7.5	7.5	Y132S ₁ -2/7.5	7.5	Y132S ₁ -2/7.5	22.6	4.1	4.1	0.75	Y80L-4/0.75	1.1	Y90S-4/1.1	1.1	Y90S-4/1.1			
80-65-160	50	32	7.5	Y132S ₁ -2/7.5	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	25	8	8	1.5	Y90L-4/1.5	2.2	Y100L ₁ -4/2.2	2.2	Y100L ₁ -4/2.2			
80-65-160A	45.4	26.4	7.5	Y132S ₁ -2/7.5	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	22.7	6.8	6.8	1.1	Y90S-4/1.1	1.5	Y90L-4/1.5	2.2	Y100L ₁ -4/2.2			
80-65-200	50	50	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	25	12.5	12.5	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4.0			
80-65-200A	45.3	41	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5	22.7	10.3	10.3	2.2	Y100L ₁ -4/2.2	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3.0			
80-65-250	50	80	22	Y160M ₁ -2/22	37	Y200L ₁ -2/37	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	25	20	20	4	Y112M ₁ -4/4	5.5	Y132S ₁ -4/5.5	7.5	Y132M ₁ -4/7.5			
80-65-250A	46.9	70.5	22	Y160M ₁ -2/22	30	Y200L ₁ -2/30	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37	23.4	17.6	17.6	4	Y112M ₁ -4/4	5.5	Y132S ₁ -4/5.5	5.5	Y132S ₁ -4/5.5			
80-65-250B	44	62.2	18.5	Y160L ₁ -2/18.5	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30												
80-65-315	50	125	45	Y225M ₁ -2/45	55	Y250M ₁ -2/55	75	Y280S ₁ -2/75	75	Y280S ₁ -2/75	75	Y280S ₁ -2/75	25	32	32	7.5	Y132M ₁ -4/7.5	11	Y160M ₁ -4/11	11	Y160M ₁ -4/11			
80-65-315A	46.9	110	37	Y200L ₁ -2/37	45	Y225M ₁ -2/45	75	Y280S ₁ -2/75	75	Y280S ₁ -2/75	75	Y280S ₁ -2/75	23.5	26.3	26.3	5.5	Y132S ₁ -4/5.5	7.5	Y132M ₁ -4/7.5	11	Y160M ₁ -4/11			
80-65-315B	44	9.7	30	Y200L ₁ -2/30	37	Y200L ₁ -2/37	55	Y250M ₁ -2/55	55	Y250M ₁ -2/55	55	Y250M ₁ -2/55												
100-80-125	100	20	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5	18.5	Y160L ₁ -2/18.5	50	5	5	1.5	Y90L-4/1.5	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3.0			
100-80-125A	91.8	16.8	7.5	Y132S ₁ -2/7.5	11	Y160M ₁ -2/11	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15												
100-80-160	100	32	15	Y160M ₁ -2/15	18.5	Y160L ₁ -2/18.5	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	30	Y200L ₁ -2/30	50	8	8	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4			
100-80-160A	91	26.5	15	Y160M ₁ -2/15	15	Y160M ₁ -2/15	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	22	Y160M ₁ -2/22	45.5	6.6	6.6	2.2	Y100L ₁ -4/2.2	2.2	Y100L ₁ -4/2.2	3	Y100L ₁ -4/3			
100-85-200	100	50	22	Y160M ₁ -2/22	30	Y200L ₁ -2/30	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	45	Y225M ₁ -2/45	50	12.5	12.5	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4.0	5.5	Y132S ₁ -4/5.5			
100-85-200A	91	41.5	18.5	Y160L ₁ -2/18.5	30	Y200L ₁ -2/30	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37	37	Y200L ₁ -2/37	45.5	10.3	10.3	3	Y100L ₁ -4/3.0	4	Y112M ₁ -4/4.0	5.5	Y132S ₁ -4/5.5			

IH、HJ(IJ)泵性能参数表 Table of property parameters

泵型号 Type	泵额定转速 Revolutions speed = 2900r/min												泵额定转速 Revolutions speed = 1450r/min											
	流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power						流量 Capacity Q m³/h	扬程 Head H m	电机功率及型号 Type of motor and power													
			KW	Y	KW	Y	KW	Y			KW	Y	KW	Y										
100-65-250	100	80	37	Y200L ₂ -2/37	55	Y250M-2/55	75	Y280S-2/75	75	Y280S-2/75	50	20	5.5	Y132S-4/5.5	7.5	Y132M-4/7.5	11	Y160M-4/11						
100-65-250A	90.5	70	37	Y200L ₂ -2/37	45	Y225M-2/45	75	Y280S-2/75	75	Y280S-2/75	45.5	17.4	5.5	Y132S-4/5.5	7.5	Y132M-4/7.5	11	Y160M-4/11						
100-65-250B	87.8	61.7	30	Y200L ₁ -2/30	45	Y225M-2/45	55	Y250M-2/55	55	Y250M-2/55														
100-65-315	100	125	75	Y280S-2/75	90	Y280M-2/90	132	Y315M ₁ -2/132	132	Y315M ₁ -2/132	50	32	11	Y160M-4/11	15	Y160L-4/15	18.5	Y180M-4/18.5						
100-65-315A	90.5	109	55	Y250M-2/55	75	Y280S-2/75	110	Y315S-2/110	110	Y315S-2/110	46.5	28	11	Y160M-4/11	11	Y160M-4/11	15	Y160L-4/15						
100-65-315B	88	97	55	Y250M-2/55	75	Y280S-2/75	90	Y280M-2/90	90	Y280M-2/90														
125-80-160	160	32	22	Y160M-2/22	30	Y200L ₁ -2/30	37	Y200L ₂ -2/37	37	Y200L ₂ -2/37														
125-80-200	160	50	37	Y200L ₂ -2/37	45	Y225M-2/45	55	Y250M-2/55	55	Y250M-2/55														
125-80-250	160	80	55	Y250M-2/55	75	Y280S-2/75	90	Y280M-2/90	90	Y280M-2/90														
125-100-200	200	50	45	Y225M-2/45	55	Y250M-2/55	75	Y280S-2/75	75	Y280S-2/75	100	12.5	5.5	Y132S-4/5.5	7.5	Y132M-4/7.5	11	Y160M-4/11						
125-100-200A	182	41.4	37	Y200L ₂ -2/37	45	Y225M-2/45	75	Y280S-2/75	75	Y280S-2/75	91	10.3	5.5	Y132S-4/5.5	7.5	Y132M-4/7.5	11	Y160M-4/11						
125-100-250	200	80	75	Y280S-2/75	90	Y280M-2/90	132	Y315M ₁ -2/132	132	Y315M ₁ -2/132	100	20	11	Y160M-4/11	15	Y160L-4/15	18.5	Y180M-4/18.5						
125-100-250A	186.5	69.5	75	Y280S-2/75	75	Y280S-2/75	110	Y315S-2/110	110	Y315S-2/110	93	17.4	11	Y160M-4/11	11	Y160M-4/11	15	Y160L-4/15						
125-100-250B	175.5	61.5	55	Y250M-2/55	75	Y280S-2/75	90	Y280M-2/90	90	Y280M-2/90														
125-100-315	200	125	110	Y315S-2/110	160	Y315M ₁ -2/160					100	32	15	Y160L-4/15	22	Y180L-4/22	30	Y200L-4/30						
125-100-400											100	50	30	Y200L-4/30	37	Y225S-4/37	55	Y250M-4/55						
150-125-250											200	20	18.5	Y180L-4/18.5	22	Y180L-4/22	30	Y200L-4/30						
150-125-250A											182	18.5	15	Y180L-4/15	18.5	Y180L-4/18.5	30	Y200L-4/30						
150-125-315											200	32	30	Y200L-4/30	37	Y225S-4/37	55	Y225M-4/55						
150-125-315A											182	26.5	30	Y180L-4/22	30	Y200L-4/30	46	Y225M-4/46						
150-125-400											200	50	45	Y225M-4/45	75	Y280S-4/75	90	Y280M-4/90						
150-125-400A											182	41	45	Y225M-4/45	55	Y250M-4/55	75	Y280S-4/75						
200-150-250											400	20	37	Y225S-4/37	45	Y225M-4/45	55	Y250M-4/55						
200-150-250A											380	18.2	30	Y200L-4/30	37	Y225S-4/37	55	Y250M-4/55						
200-150-315											400	32	55	Y225M-4/55	75	Y280S-4/75	90	Y280M-4/90						
200-150-315A											383	26.5	45	Y225M-4/45	55	Y250M-4/55	75	Y280S-4/75						
200-150-400											400	50	90	Y280M-4/90	110	Y315S-4/110	160	Y315M ₁ -4/160						
200-150-400A											363	41	75	Y280S-4/75	90	Y280M-4/90	132	Y315M ₁ -4/132						
250-200-550											500	75	180	Y315L ₂ -4/180										

IJT Titanium Nickel series chemical pump

●IJT钛镍系列化工泵



概述

1、IJT钛、镍系列化工泵为单级、单吸悬臂式结构，其标记、额定性能点及安装尺寸符合GB 5662-1985 (idt ISO 2858-1975E)，运转方向从泵的进口方向看为逆时针，主要用于化工、制盐、造纸、环保、医药、冶金、食品等行业输送有颗粒、有纤维、易结晶、团絮状的强腐蚀性介质。

2、IJT系列化工泵采用独特的设计方法，使其具有较强的通过能力，从根本上改变了IJ型泵叶轮平衡性能差，运行不稳定的弊病，效率也提高5-10个百分点。是替代IJ型泵的更新换代产品，且传动部分与IJ型泵通用。

3、IJT系列化工泵轴封形式有机械密封、动力密封、填料密封。其中主要密封形式171型机械密封。

4、根据用户的要求或所输送介质的特性，选用各种不同材质。包括TA2、TA3、TA9及镍基合金：304、oCr25、2Cr17Ni2、316L、904L、CD₄MCN、Hast。

5、全性能覆盖区域：

- 流量Capacity(Q): 1.8~1200m³/h
- 扬程Head(H): 3~127m
- 工作压力Working pressure(P): 按2.5MPa设计 Designing to 2.5MPa
- 工作温度Working temperature(T): -20℃~195℃

General

IJT series tai, mu chemical pumps, are single-stage, single-suction, and cantilever centrifugal pump. Its mark, specified properties and size, they are conformed with the standard GB 5662-1985, equivalent to ISO2858-1975. The rotation direction of pumps is clockwise form pump entrance. They are used in the stronger corrosion-proof liquids of having grain, fibre, easily crystallizing, for example petrochemical, salt-making, papermaking, environment protection, medicine, metallurgy, food-making, etc.

IJT series chemical pumps. Because of unique designing, pumps have the better in passing. And they changed the balance of impeller in base to IJ pumps and revoleing unsmoothly. Pump efficeency is increased 5%-10% than IJ pumps. IJ pumps are renewed product to IJ and the prat of transferring are same, as IJ pump's.

IJT series chemical pumps, axle seal is used mechanical seal, dynamic seal and stuffing seal. The main seal of 171 mechanical.

According to customer requires and carring liquids, selecting different materials, including TA2, TA3, TA9, oCr25, 2Cr17Ni2, 316L, 904L, CD₄MCu, hast.

泵性能参数表 Table of property parameters

基本参数 Base parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity range	扬程 m Head range	额定 流量 Capacity	额定 扬程 Total head	效率 % Efficiency	轴功率 kw Input power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.40$
32-20-180	1450	1.8-3	10-12	2	11.5	17.5	0.36	Y801-4/0.55	Y801-4/0.55
	2900	3.5-6	40-48	4	46	17.5	2.86	Y100L-2/3	Y132S ₁ -2/5.5
32-20-180A	2900	3-5	35-40	3.6	37	16	2.26	Y100L-2/3	Y112M-2/4
50-32-125	1450	3.5-10	4-6	6.3	5	40	0.21	Y801-4/0.55	Y801-4/0.55
	2900	7-20	15-24	12.5	20	42.5	1.60	Y90L-2/2.2	T100L-2/3
50-32-125A	2900	6-18	12-18	11.2	16.2	41	1.20	Y90S-2/1.5	Y90L-2/2.2
50-32-160	1450	3.5-10	6-8	6.3	8	43	0.32	Y801-4/0.55	Y801-4/0.55
	2900	7-20	27-33	12.5	32	47.5	2.29	Y100L-2/3	Y112M-2/4
50-32-160A	2900	6-20	24-27	11.2	26	45	1.76	Y90L-2/2.2	Y100L-2/3
50-32-200	1450	3.5-10	8-13	6.3	12.5	32	0.67	Y90S-4/1.1	Y90S-4/1.1
	2900	8-20	45-50	12.5	50	36	4.73	Y132S ₁ -2/5.5	Y132S ₂ -2/7.5
50-32-200A	2900	6-18	36-44	11.6	43	34	4.00	Y132S ₂ -2/5.5	Y132S ₂ -2/7.5
50-32-200B	2900	6-15	35-40	10.9	38	32	3.52	Y112M-2/4	Y132S ₁ -2/5.5
50-32-250	1450	4-11	16-20	6.3	20	30	1.14	Y90L-4/1.5	Y100L ₁ -4/2.2
	2900	8-20	65-85	12.5	80	29	9.61	Y160M ₁ -2/11	Y160M ₂ -2/15
50-32-250A	2900	6-18	60-70	11.6	69	28	7.78	Y160M ₁ -2/11	Y160M ₁ -2/11
50-32-250B	2900	6-15	55-62	10.9	60.5	27	6.65	Y132S ₂ -2/7.5	Y160M ₁ -2/11
65-50-125	1450	8-20	3-5.5	12.5	5	54	0.32	Y801-4/0.55	Y801-4/0.55
	2900	18-35	16-22	25	20	57	2.39	Y100L-2/3	Y112M-2/4
65-50-125A	2900	16-35	12-16	22.5	16	55	1.78	Y90L-2/2.2	Y100L-2/3
65-50-160	1450	8-18	6-8	12.5	8	50	0.54	Y802-4/0.75	Y90S-4/1.1
	2900	18-35	27-33	25	32	54	4.03	Y132S ₂ -2/5.5	Y132S ₂ -2/7.5
65-50-160A	2900	16-35	24-27	22.5	26	53	3.00	Y112M-2/4	Y132S ₁ -2/5.5
65-40-200	1450	7-20	8-13	12.5	12.5	46	0.39	Y90S-4/1.1	Y90L-4/1.5
	2900	16-32	43-52	25	50	49	6.94	Y132S ₂ -2/7.5	Y160M ₁ -2/11
65-40-200A	2900	16-32	38-44	23.3	43	48	5.68	Y132S ₂ -2/7.5	Y160M ₁ -2/11
65-40-200B	2900	16-30	34-40	21.7	38	47	4.78	Y132S ₁ -2/5.5	Y132S ₂ -2/7.5
65-40-250	1450	8-18	10-20	12.5	20	38	1.79	Y100L ₁ -4/2.2	Y100L ₂ -4/3
	2900	16-35	70-86	25	80	40	13.6	Y160M ₂ -2/15	Y180M-2/22
65-40-250A	2900	16-32	60-70	23.3	69	39	11.2	Y160M ₂ -2/15	Y160L-2/18.5
65-40-250B	2900	16-30	55-62	21.7	60.5	38	9.40	Y160M ₁ -2/11	Y160M ₂ -2/15
65-40-315	1450	10-15	25.6-33	12.5	32	33	3.3	Y112M-4/4	Y132S-4/5.5
	2900	20-30	100-127	25	125	39	21.8	Y200L ₁ -2/30	Y200L ₂ -2/37
65-40-315A	2900	18-27	86-125	23.3	108	39	17.6	Y180M-2/22	Y200L ₁ -2/30
80-65-125	1450	18-35	3-5.5	25	5	63	0.54	Y801-4/0.55	Y90S-4/1.1
	2900	30-70	12.5-23	50	20	65	4.18	Y132S ₁ -2/5.5	Y132S ₂ -2/7.5

注意：若泵用轴封选用动力密封，则配用电机应选用大一档电机使用。

Notes: If axle seal of pump was selected the dynamic seal, the matched motor must be furnished with a bigger motor to normal.

IJT钛镍系列化工泵

IJT Titanium Nickel series chemical pump

基本参数 Base parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity range	扬程 m Head range	额定流量 Capacity	额定扬程 Total head	效率 % Efficiency	轴功率 kw In put power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.40$
80-65-125A	2900	30-70	12.5-18	46.5	17.3	64	3.42	Y112M-2/4	Y132S ₁ -2/5.5
80-65-160	1450	18-35	5-8	25	8	60	0.91	Y90S-4/1.1	Y90L-4/1.5
	2900	35-70	27-33	50	32	62	7.02	Y132S ₂ -2/7.5	Y160M ₁ -2/11
80-65-160A	2900	35-70	22-27	45.5	26.5	60	5.47	Y132S ₂ -2/7.5	Y160M ₁ -2/11
80-50-200	1450	18-35	8-13	25	12.5	58	1.47	Y100L ₁ -4/2.2	Y100L ₁ -4/2.2
	2900	35-80	42-50	50	50	60	11.34	Y160M ₂ -2/15	Y160L-2/18.5
80-50-200A	2900	35-70	38-45	46.5	43	59	9.22	Y160M ₁ -2/11	Y160M ₂ -2/15
80-50-200B	2900	35-70	34-40	43.5	38	58	7.76	Y160M ₁ -2/11	Y160M ₁ -2/11
80-50-250	1450	16-40	17-21	25	20	50	2.72	Y100L ₂ -4/3	Y132S-4/5.5
	2900	35-80	70-82	50	60	55	19.8	Y180M-2/22	Y200L ₁ -2/30
80-50-250A	2900	35-70	60-70	46.5	69	54	16.2	Y160L-2/18.5	Y200L ₁ -2/30
80-50-250B	2900	35-70	55-62	43.5	60.5	53	13.5	Y160L-2/18.5	Y180M-2/22
80-50-315	1450	20-30	29-35	25	32	56	3.9	Y132S-4/5.5	Y132M-4/7.5
	2900	40-60	100-127	50	125	51	33.36	Y200L ₂ -2/37	Y250M-2/55
80-50-315A	2900	37-56	86-125	46.5	108	51	26.8	Y200L ₁ -2/30	Y225M-2/45
80-50-315B	2900	35-52	76-100	43.5	94.5	50	22.4	Y200L ₁ -2/30	Y200L ₂ -2/37
100-80-125	1450	35-80	3-5.5	50	5	68	1.00	Y90S-4/1.1	Y90L-4/1.5
	2900	70-105	15-20	100	20	71	7.67	Y160M ₁ -2/11	Y160M ₁ -2/11
100-80-125A	2900	70-100	13-18	93	17.3	70	6.26	Y132S ₂ -2/7.5	Y160M ₁ -2/11
100-80-160	1450	30-70	5-8	50	8	62	1.76	Y100L ₁ -4/2.2	Y100L ₂ -4/3
	2900	70-145	26-33	100	32	66	13.2	Y160M ₂ -2/15	Y160L-2/18.5
100-80-160A	2900	70-120	22-28	93	28	63	11.25	Y160M ₂ -2/15	Y160L-2/18.5
100-65-200	1450	30-70	8-13	50	12.5	64	2.66	Y100L ₂ -4/3	Y112M-4/4
	2900	70-150	42-53	100	50	66	20.6	Y180M-2/22	Y200L ₁ -2/30
100-65-200A	2900	70-120	36-43	93	43	64	17.0	Y180M-2/22	Y200L ₁ -2/30
100-65-200B	2900	70-105	34-38	87	38	63	14.2	Y160L-2/18.5	Y180M-2/22
100-65-250	1450	30-70	13-20	50	20	63	4.32	Y132S-4/5.5	Y132M-4/7.5
	2900	70-150	70-82	100	80	65	33.5	Y200L ₂ -2/37	Y250M-2/55
100-65-250A	2900	70-130	60-70	93	69	64	27.3	Y200L ₂ -2/37	Y225M-2/45
100-65-250B	2900	70-105	55-62	87	60.5	63	22.7	Y200L ₁ -2/30	Y200L ₂ -2/37
100-65-315	1450	30-70	22-33	50	32	58	7.51	Y160M-4/11	Y160M-4/11
	2900	70-160	110-126	100	125	62	54.9	Y280S-2/75	Y280S-2/75
100-65-315A	2900	70-130	96-110	93	108	61	44.8	Y250M-2/55	Y280S-2/75
100-65-315B	2900	60-110	88-96	87	95	60	37.5	Y225M-2/45	Y250M-2/55
100-65-315C	2900	60-130	90-103	90	101	61	40.6	Y225M-2/45	Y280S-2/75
125-100-200	1450	70-150	8-13	100	12.5	73	4.66	Y132S-4/5.5	Y132M-4/7.5
	2900	150-300	42-52	200	50	77	35.4	Y225M-2/45	Y250M-2/5

IJT钛镍系列化工泵

IJT Titanium Nickel series chemical pump

基本参数 Base parameter 型号 Pump model	转速 r/min Speed	流量 m³/h Capacity range	扬程 m Head range	额定流量 Capacity	额定扬程 Total head	效率 % Efficiency	轴功率 kw Input power	配套电机 Matched motor	
								比重 $\gamma=1.00$	比重 $\gamma=1.40$
125-100-200A	2900	150-300	38-44	186	43	75	29.0	Y200L2-2/37	Y225M-2/45
125-100-250	1450	70-150	15-23	100	20	71	7.67	Y160M-4/11	Y160M-4/11
	2900	150-300	58-84	200	80	71	61.3	Y280S-2/75	Y280M-2/90
125-100-250A	2900	150-250	54-66	180	65	69	46.2	Y250M-2/55	Y280S-2/75
125-100-315	1450	70-150	26-34	100	32	62	14.1	Y180M-4/18.5	Y180L-4/22
	2900	150-300	110-126	200	125	62	109.3	Y315M1-2/132	Y315M2-2/160
125-100-315A	2900	150-250	90-103	180	101	60	82.4	Y315S-2/110	Y315M1-2/132
125-100-400	1450	70-140	42-52	100	50	62	22	Y200L-4/30	Y225S-4/37
125-100-400A	1450	60-130	35-41	90	40.5	60	16.5	Y180L-4/22	Y200L-4/30
125-100-400B	1450	60-120	26-32	80	32	57	12.2	Y160L-4/15	Y180M-4/18.5
150-125-250	1450	150-300	13-23	200	20	72	15.1	Y180M-4/18.5	Y180L-4/22
150-125-250A	1450	150-250	12-17	180	16.2	72	11	Y180L-4/15	Y180M-4/18.5
150-125-315	1450	150-350	24-34	200	32	73	23.9	Y200L-4/30	Y225S-4/37
150-125-315A	1450	150-250	22-27	180	26	73	17.5	Y180L-4/22	Y200L-4/30
150-125-400	1450	150-300	40-54	200	50	66	41.2	Y225M-4/45	Y280S-4/75
150-125-400A	1450	150-250	36-45	180	43	66	31.9	Y225S-4/37	Y225M-4/45
200-150-250	1450	250-520	13-23	400	20	70	31.1	Y225S-4/37	Y225M-4/45
200-150-250A	1450	250-450	12-17	360	17	68	24.5	Y200L-4/30	Y225S-4/37
200-150-315	1450	300-550	25-35	400	32	75	46.5	Y250M-4/55	Y280S-4/75
200-150-315A	1450	300-500	22-27	360	26	72	35.4	Y225M-4/45	Y250M-4/55
200-150-400	1450	300-550	40-53	400	50	74	73.6	Y280M-4/90	Y315S-4/110
200-150-400A	1450	300-500	38-44	360	43	71	59.4	Y280S-4/75	Y280M-4/90
125-80-200	1450	60-120	8-13	80	12.5	63	4.32	Y132S-4/5.5	Y132M-4/7.5
	2900	120-260	40-53	160	50	65	33.5	Y225M-2/45	Y250M-2/55
125-80-200A	2900	100-200	34-41	140	40	63	24.2	Y200L1-2/30	Y200L2-2/37
175-150-250	1450	250-450	12-21	300	20	73	22.4	Y200L-4/30	Y225S-4/37
175-150-250A	1450	200-400	12-17	270	17	70	17.9	Y180L-4/22	Y200L-4/30
175-150-315	1450	250-450	31-38	300	36	75	40.0	Y225M-4/55	Y280S-4/75
300-250-400-V	1450	650-1000	24-33	800	32	79	88.2	Y315S-4/110	Y315M2-4/160
300-250-400-IV	1450	500-700	28-40	600	38	70	88.6	Y315S-4/110	Y315M1-4/132
300-250-400A	1450	400-600	24-30	500	30	68	60.0	Y280S-4/75	Y280M-4/90
300-250-450	1450	750-1000	38-52	800	50	78	139.6	Y315M2-4/160	YR355M1-4/200
300-250-450A	1450	600-900	36-43	700	43	76	107.8	Y315M1-4/132	Y315M2-4/160
300-250-500	1450	600-900	60-75	700	70	76	175.5	YR355M1-4/200	YR355L1-4/250
300-250-500A	1450	450-800	60-70	580	65	74	136.7	Y315M2-4/160	YR355M1-4/200
200-200-250	1450	300-550	10-15	400	12.5	75	18.2	Y180L-4/22	Y200L-4/30
250-250-350	980	400-600	10-15	500	12.5	78	21.8	Y225M-6/30	Y250M-6/37
350-350-450	720	800-1200	10-15	1000	12.5	80	42.5	Y315S-8/55	Y315M1-8/75

Model FJX Forced circulating Pump

●FJX系列强制循环泵



概述

FJX III型系列蒸发强制循环泵,是我公司FJX型系列循环泵的第三代产品。

应用领域已由原烧碱蒸发扩展到:磷酸、磷酸盐、真空制盐、酒精、乳酸、氯化铝、金红石、钛白粉、氯化钙、氯化铵、制冷剂、熔盐、聚氯乙烯、废酸浓缩等行业。

本公司是原化工部生产蒸发强制循环泵定点单位。

公司FJX III型系列强制循环泵是在第二代产品基础上借鉴国外同类产品的优点,并征求了专业设计院长期从事蒸发设计的工程技术人员意见,而开发研制的。

FJX III型系列在安装形式上有:安装于地面、悬挂、池面漂浮三种形式。

密封结构:双填料密封,副叶轮+组合式双端面机械密封,组合式双端面机械密封。

性能参数

流量范围:300~23000m³/h

扬程范围:2~12m

工作压力:≤0.6MPa

工作温度:≤170℃

泵体结构

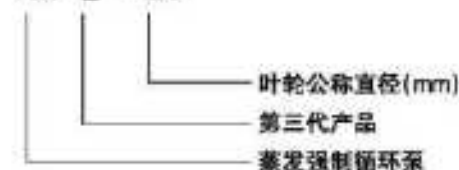
铸造或钢板焊接。

过流部分材料

ZG20#、1Cr18Ni9Ti、316、316L、CD4MCu

型号说明

FJX III - 250



General

The FJX III type series evaporates compulsory circulate pump, is my corporation FJX type series circulating pump of three generations product.

The applied realm has been evaporated by original caustic soda to expand to: Phosphoric Ammonium, phosphoric acid, vacuum system salt, alcohol, lactic acid, oxidize the aluminum evaporate to wait the profession.

Our company is the original chemical engineering department produce evaporate compulsory circulate pump the fixed-point unit.

The company FJX III type series circulates to pump compulsory to draw lessons from the advantage of the abroad of the same kind product on the next generation product foundation, and asked for the profession design engineering technical personnel's opinion that director's period be engaged in the evaporation the design, but the development researches to manufacture of.

FJX III type series at install the formality have: Install the foreground, hang, the pond is afloat three kinds of forms.

Seal completely the construction: Vice-leaf's round + the sectional double carries the machine seals completely, the sectional double carries the machine seals completely.

Function parameter

Discharge scope:300~23000m³/h

Head scope:2~12m

Work pressure:≤0.6MPa

Work temperature:≤170℃

Pump construction

Cast or steel plate jointing system

Over flow the parts of material

ZG20#、1Cr18Ni9Ti、316、316L、CD4MCu

Meaning of model code

250 - Impeller nominal diameter(mm)

III - Three generations product

FJX - Evaporate compulsory circulate pump

泵性能参数表 Table of property parameters

产品型号	叶片安装角度	流量 m ³ /h	扬程 m	转速 r/min	效率 %	轴功率 N	配用电机 KW
FJX-250		300	2.5	980	60	3.4	7.5
FJX-300		520	3	980	62	6.8	11
FJX-350		1350	4	980	65	29.6	37
FJX-450		2200	4	980	68	35.2	55
FJX-500		2650	4	740	70	42.0	75
FJX-550		4000	4	740	70	62.6	110
FJX-500-1		1800	2.5-4	575	68	28.6	55
		2200	3.7	675	68	32.5	55
		2500	3.6	775	68	36.5	75
		2900	4.6	875	68	53.4	90
FJX-700		3200	2.4	370	78	28.6	55
		3460	2.8	400	78	33.8	75
		3780	3.4	430	78	44.8	90
		4050	3.8	460	78	53.7	110
		4400	4.2	490	78	64.5	132
FJX-800	-4	6142	3.8	500	75	84.3	155
	-2	6790	3.6		76	86.7	155
	0	7400	3.7		77	96.6	160
	2	7815	3.7		76	102.7	185
	4	8417	3.8		75	115.4	185
FJX-900	-4	7850	3.0	424	79	80.98	155
	-2	8709	3.0		79	90.1	155
	0	9237	3.0		80	94.8	160
	2	10290	3.06		79	108.6	185
FJX-1100	-4	9210	3.4	380	76	111.8	185
	-2	10078	3.5		77	132.6	220
	0	11000	3.5		78	134.4	220
	2	11970	3.6		77	151.1	250
	4	12700	3.6		76	162.8	280
FJX-1200	+2	14800	2.70	287	77		
	0	13500	2.50		79		
	-2	12400	2.25		79		
FJX-1500	+2	22000	2.45	265	79		
	0	20000	2.35		80		
	-2	18500	2.25		77		

订货注意:性能表上每一产品型号为一种外形尺寸,基础尺寸,但叶轮不同,务请在订货时,不仅写型号同时写明流量、扬程、介质特性。

Order the attention: On the function form each product model number is a kind of shape size, foundation size, but leaf's round is different, for god's sake please while ordering, not only write the model number to write the clear discharge, the distance of head the quality characteristic at the same time.

Model FB/AFB/AFSM Corrosive-resisting Pump

●FB/AFB/AFSM系列耐腐蚀泵



概述

FB、AFB 系列耐腐蚀泵是一种单级单吸悬臂式离心泵，该泵过流部件采用 1Cr18Ni9Ti 或 Cr18Ni12Mo2Ti 材料制造。

General

Model FB、AFB Corrosive - resisting pump is a centrifugal pump with single stage, single suction and cantilever type. Its liquid - contacting components are manufactured by 1Cr18Ni9Ti or Cr18Ni12Mo2Ti stainless steel.

型号意义

Meaning og model code



B - 1Cr18Ni9Ti
1 - 迷宫式密封
1 - mazed sealing
4 - 机械密封 I
4 - mechanical sealing I

M - Cr18Ni12Mo2Ti
3 - 填料密封
3 - stuffing sealing
5 - 机械密封 II
5 - mchanical sealing II

泵性能参数表 Table of property parameters

型号 Type	流量 Capacity		扬程 H Head m	效率 Efficiency %	轴功率 Shaft power kw	允许吸上真空高度 Allowed Reduce of Suction Height (NPSH) _r m
	m ³ /h	L/S				
25AFB-16	3.6	1.0	16	30	0.52	6.0
25AFB-20	3.6	1.0	20	27	0.73	6.0
25AFB-25	3.6	1.0	25	27	0.91	6.0
25AFB-41	3.6	1.0	41	20	2.01	6.0
40AFB-16	7.2	2.0	16	50	0.63	6.5
40AFB-20	7.2	2.0	20	40	0.98	6.0
40AFB-40	7.2	2.0	40	35	2.24	6.0
40AFB-65	7.2	2.0	65	24	5.3	6.0
50AFB-16	14.4	4.0	16	62	1.01	6.0
50AFB-25	14.4	4.0	25	53	1.85	6.0
50AFB-40	14.4	4.0	40	44	3.57	6.0
50AFB-63	14.4	4.0	63	35	7.05	5.5
50AFB-103	14.4	4.0	103	30	13.5	6.0
65AFB-25	28.8	8.0	25	63	3.11	6.5
65AFB-40	28.8	8.0	40	60	5.23	6.0
65AFB-64	28.8	8.0	64	50	10.05	5.6
80AFB-15	54	15	15	70	3.15	5.5
80AFB-24	54	15	24	72	4.91	5.5
80AFB-38	54	15	38	66	8.47	6
80AFB-60	54	15	60	63	14	5.5
80AFB-97	54	15	97	56	25.4	5.5
100AFB-23	100	28	23	75	8.36	4.5
100AFB-37	100	28	37	78	12.9	4.0
100AFB-57	100	28	57	69.4	22.4	4.0
100AFB-92	100	28	92	50	50.1	4.0
150AFB-35	190	35	35	76	23.8	4.0
150AFB-56	190	56	56	67	43	4.0

注:电机功率请按液体比重和粘度选用

Mark: Motor power is selected in accordance with specific gravity and viscosity of liquid.

Model IS、ISR

single-stage-single-suction hot water centrifugal Pump

●IS、ISR系列单级单吸热水泵



概述

IS、ISR 型单级单吸热水离心泵是一种高效节能产品,供输送 200℃以下热水和具有腐蚀性、粘度亦类似水的液体,主要用于彩色显像管玻壳生产过程中冷热水冲印和冶金、化工、印染、纺织、化工、印染、陶瓷、采暖、空调及余热利用等。

IS、ISR 系列泵的转速 2900r/min 和 1450r/min 两种,流量为 6.3~400m³/h,扬程 5~80m,全系列均采用机械密封和优质软四氟垫料密封。

型号意义

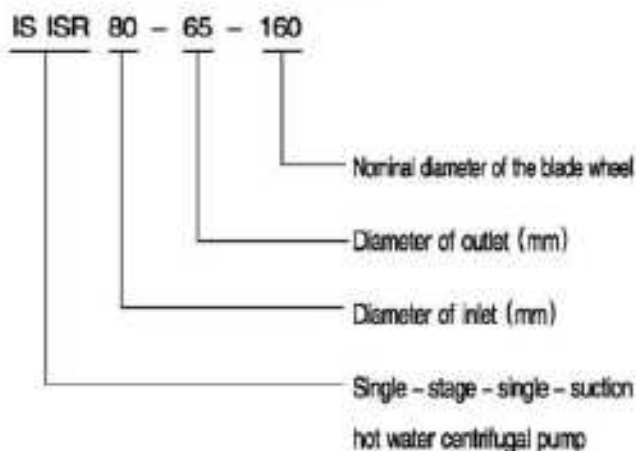


General

As an efficient and energy - saving product, model - IS ISR single - stage - single - suction hot water centrifugal pump is suitable for conveying clear water or other liquids similar to water in physical and chemical properties with the temperature of less than 200℃. The pump is mainly used in industrial and civil buildings, for example: metallurgy, power station, textile, chemical, printing & dyeing, ceramic, heating, air - conditioning, waste heat usage, etc.

With the flow of 6.3~400m³/h and the lift of 5~80m, model IS ISR pump series have two types of running speed: 2900r/min and 1450r/min. All pumps adopt mechanic seal.

Meaning of model code



IS、ISR系列单级单吸热水泵

Model IS、ISR single-stage-single-suction hot water centrifugal Pump

泵性能参数表 Table of property parameters

型 号 Model	转速n Speed (r/min)	流量 Q Capacity		扬程H Head m	效率η Efficiency (%)	功率(KW) Power		必需气 蚀余量 (NPSH) _r (m)	重量 泵/底 座 Weight pump/base (kg)
		(m³/h)	(L/S)			轴功率Pa Shaft Power	电机功率 Motor Power		
IS,ISR50-32-125	2900	12.5	3.47	20	60	1.13	2.2	2.0	47/46
	1450	6.3	1.74	5	54	0.16	0.55	2.0	48/38
IS,ISR50-32-160	2900	12.5	3.47	32	58	2.02	3.0	2.0	61/46
	1450	6.3	1.74	8	48	0.29	0.55	2.0	61/38
IS,ISR50-32-200	2900	12.5	3.47	50	48	3.54	5.5	2.0	63/66
	1450	6.3	1.74	12.5	42	0.51	0.75	2.0	63/38
IS,ISR50-32-250	2900	12.5	3.47	80	38	7.16	11	2.0	100/110
	1450	6.3	1.74	20	32	1.07	1.5	2.0	100/64
IS,ISR65-50-125	2900	25	6.94	20	69	1.97	3.0	2.5	53/46
	1450	12.5	3.47	5	64	0.27	0.55	2.0	53/38
IS,ISR65-50-160	2900	25	6.94	32	65	3.35	5.5	2.0	55/66
	1450	12.5	3.47	8	60	0.45	0.75	2.0	55/38
IS,ISR65-40-200	2900	25	6.94	50	60	5.67	7.5	2.0	86/66
	1450	12.5	3.47	12.5	55	0.77	1.1	2.0	86/46
IS,ISR65-40-250	2900	25	6.94	80	50	10.89	15	2.0	97/110
	1450	12.5	3.47	20	46	1.46	2.2	2.0	97/67
IS,ISR80-65-125	2900	50	13.9	20	75	3.63	5.5	3.0	48/66
	1450	25	6.94	5	71	0.48	0.75	2.5	48/38
IS,ISR80-65-160	2900	50	13.9	32	73	5.97	7.5	2.5	49/66
	1450	25	6.94	5	69	0.79	1.5	2.5	49/46
IS,ISR80-50-200	2900	50	13.9	50	69	9.87	15	2.5	74/66
	1450	25	6.94	12.5	65	1.31	2.2	2.5	74/46
IS,ISR80-50-250	2900	50	13.9	80	63	17.3	22	2.5	110/110
	1450	25	6.94	20	60	2.27	3	2.5	110/64

IS、ISR系列单级单吸热水泵

Model IS、ISR single-stage-single-suction hot water centrifugal Pump

泵性能参数表 Table of property parameters

型 号 Model	转速n Speed (r/min)	流量 Q Capacity		扬程H Head m	效率η Efficiency (%)	功率(KW) Power		必需气 蚀余量 (NPSH)r (m)	重量 泵/底座 Weight pump/base (kg)
		(m³/h)	(L/S)			轴功率Pa Shaft Power	电机功率 Motor Power		
IS、ISR100-80-125	2900	100	27.8	20	78	7.00	11	4.5	56/46
	1450	50	13.9	5	75	0.91	1.5	2.5	56/46
IS、ISR100-80-160	2900	100	27.8	32	78	11.2	15	4.0	78/110
	1450	50	13.9	8	75	1.45	2.2	2.5	78/64
IS、ISR100-65-200	2900	100	27.8	50	76	17.9	22	3.6	90/110
	1450	50	13.9	12.5	73	2.33	4	2.0	90/64
IS、ISR100-65-250	2900	100	27.8	80	72	30.0	37	3.8	117/160
	1450	50	13.9	20	68	4.00	5.5	2.0	117/66
IS、ISR125-80-160	2900	160	44.4	32	79	17.7	22	5.6	96/110
	1450	80	22.2	8	75	2.30	4.0	5.6	96/64
IS、ISR125-80-200	2900	160	44.4	50	79	27.6	37	5.2	112/160
	1450	80	22.2	12.5	75	3.60	5.5	5.2	112/64
IS、ISR125-80-250	2900	160	44.4	80	77	45.3	55	4.8	138/315
	1450	80	22.2	20	72	6.00	11	4.8	138/111
IS、ISR125-100-200	2900	200	55.6	50	81	33.6	45	4.5	112/160
	1450	100	27.8	12.5	76	4.48	7.5	2.5	112/66
IS、ISR125-100-250	2900	200	55.6	80	78	55.9	75	4.2	135/295
	1450	100	27.8	20	76	7.17	11	2.5	135/112
IS、ISR150-125-250	2900	200	55.6	20	81	13.5	18.5	3.0	158/158
IS、ISR150-125-315	1450	200	55.6	32	79	22.08	30	2.5	192/233
IS、ISR150-125-400	2900	200	55.6	50	75	36.3	45	2.8	240/233
IS、ISR200-150-250	1450	400	111.1	20	83	26.2	37	4.6	203/233
IS、ISR200-150-315	2900	400	111.1	32	82	42.5	55	3.5	273/295
IS、ISR200-150-400	1450	400	111.1	50	81	67.2	90	3.8	332/295

SPP Series Chemical Mixed-Flow Pump

●SPP系列化工混流泵



性能范围

流 量: Q 可达 $7000\text{m}^3/\text{h}$

扬 程: H 可达 25m

工作压力: P 可达 0.6MPa

工作温度: t $-20 \sim +120^\circ\text{C}$

应 用

化工流程中强制循环

海水养殖

城市煤气工程

水处理系统

总之,本系列泵能够经济有效地输送大流量,低扬程,均匀的或含有一定颗粒的,化学中性的,或有腐蚀性的液体。

特 点

泵效率高,能耗小。

泵在整个性能范围内的能耗均匀,可以在闭阀下启动,而电机不致过载。

过流截面大,不易堵塞。

结构坚固,寿命长。

Performance Range

Capacity: Q max. $7000\text{m}^3/\text{h}$

Head: H max. 25m

Operating Pressure: P max. 0.6MPa

Operating Temperature: t $-20 \sim +120^\circ\text{C}$

Application Range

Compulsory circulating in chemical processing

Seawater breed aquatics

City natural gas project

Water handing system

Generally, this series pumps can economically and effectively transfer high capacity, low head, homogeneously liquid or slightly polluted materials in it, neutral chemical or corrosive liquid.

Feature

High pump efficiency, low energy consumption.

Pump can evenly consume energy within all performances. Pump can be started when the valve is closed, and the motor does not overload.

Large flow proportion and uneasily blocked.

Solidity structure and long life.

泵性能参数表 Table of property parameters

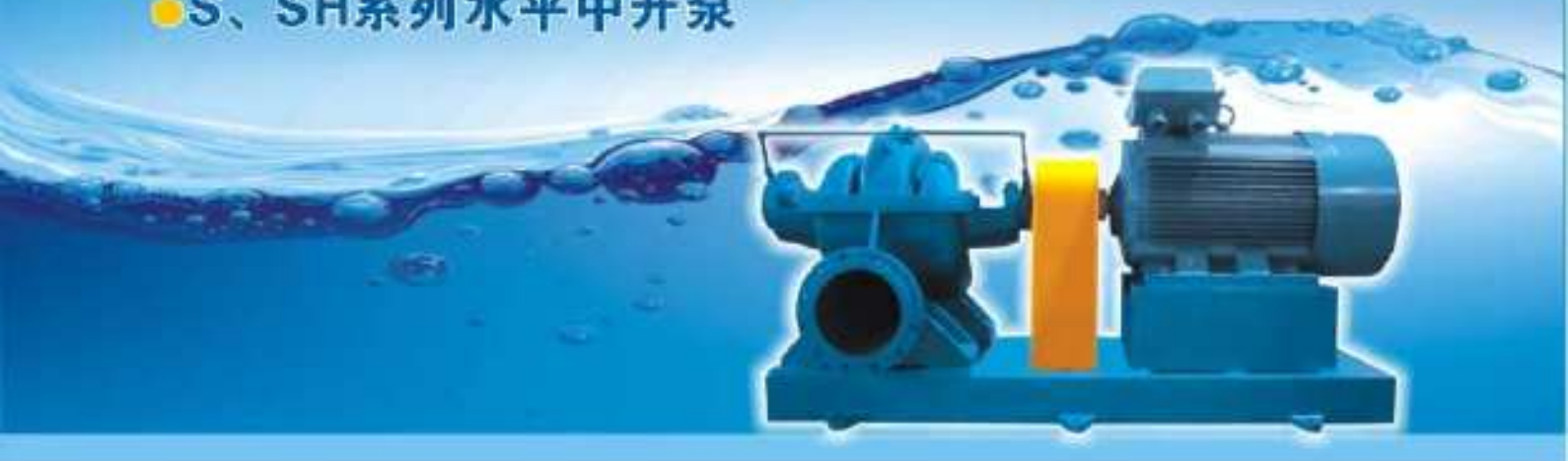
泵型号 Model of pump 转速n(r/min) Speed	叶轮 代号 Code of impeller	叶轮外径 (mm) Outer diameter of impeller	流量 Q (m³/h) Capacity	扬程 H (m) Head	汽蚀 余量 (m) (NPSH)r	电机型号及功率(kw) motor model and power					
						输送介质密度(kg/m³) medium density					
						1000		1350		1840	
SPP17 $\frac{1}{2}$ - 20 n = 1450	A	236	360	8.5	3.2	15	160L	18.5	180M	22	180L
	B	222	340	7.5	3	11	160M	15	160L	18.5	180M
	C	210	320	8.3	3	11	160M	11	160M	15	160L
	D	198.5	300	5.0	4.5	7.5	132M	11	160M	11	160M
SPP20 - 25 n = 1450	A	27	530	11.2	4	22	180L	30	200L		
	B	254	500	10	3.9	22	180L	30	200L		
	C	240	460	8.5	3.6	18.5	180M	22	180L	30	200L
	D	228.5	430	7	5.5	15	160L	18.5	180M	22	180L
SPP20 - 25 n = 970	A	270	350	5	4	7.5	160M	11	160L	15	180L
	B	254	330	4.5	3.8	7.5	160M	11	160L	11	160L
	C	240	300	3.9	3.6	5.5	132M	7.5	160M	11	160L
SPP22 $\frac{1}{2}$ - 25 n = 1450	A	304	700	15.8	5	45	225M	55	250M	75	280S
	B	285	650	14	5	37	225S	55	250M	75	280S
	C	270	625	11.5	5	30	200L	45	225M	55	250M
	D	255	575	9.5	5	22	180L	30	200L	45	225M
SPP25 - 25 n = 1450	A	338	900	24	6	90	280M	110	315S		
	B	317	850	21	5.9	75	280S	90	280M		
	C	300	780	18	6	55	250M	75	280S	110	315S
	D	283.5	725	14	6.1	45	225M	75	280S	75	280S
SPP25 - 30 n = 1450	A	338	1100	19.5	6.4	90	280M	110	315S		
	B	317	1040	17	6	75	280S	90	280M		
	C	300	950	14.8	5.8	55	250M	75	280S	110	315S
	D	283.5	880	12	9	45	225M	55	250M	75	280S
SPP25 - 30 n = 970	A	338	750	8.5	4.7	30	225M	37	250M	45	280S
	B	317	700	7.5	4	22	200L ₂	30	225M	37	250M
	C	300	650	6.5	3.8	18.5	200L ₁	22	200L ₂	30	225M
	D	283.5	600	5.3	7.2	15	180L	18.5	200L ₁	30	225M
SPP30 - 35 n = 970	A	405	1300	12.2	4.4	75	315S	75	315S	110	315M ₂
	B	380	1200	11	4	55	280M	75	315S	90	315M ₁
	C	360	1150	9	4	45	280S	55	280M	75	315S
	D	340	1050	7.2	6	30	225M	45	280S	55	280M
SPP35 - 35 n = 970	A	472	1600	21	5.2	132	315M ₂	160	355S ₂		
	B	444	1500	17	5.3	90	315M ₁	132	315M ₂		
	C	420	1450	13.5	5.5	75	315S	110	315M ₂	132	315M ₃
	D	396.5	1300	11	7.8	55	280M	75	315S	110	315M ₂
SPP35 - 40 n = 970	A	472	2000	17	6	132	315M ₂	160	355S ₂		
	B	444	1900	15	5.5	110	315M ₂	160	355S ₂		
	C	420	1800	12.2	5.2	90	315M ₁	110	315M ₂	160	355S ₂
	D	396.5	1700	10	8	75	315S	90	315M ₁	110	315M ₂
SPP35 - 40 n = 730	A	472	1500	9.6	4	55	315S	75	315M ₁	110	315M ₃
	B	444	1450	8.1	3.9	45	280M	75	315M ₁	90	315M ₂
	C	420	1350	7	3.6	37	280S	55	315S	75	315M ₁
	D	396.5	1250	5.7	5.8	30	250M	37	280S	55	315S
SPP40 - 40 n = 970	A	540	2400	28	7	250	355L		355L		
	B	507	2300	22	7	185	355S ₃	250	355L		
	C	480	2100	18	7	132	315M ₂	185	355S ₃	250	355L
	D	453	2000	14.5	9.8	110	315M ₂	160	355S ₃	185	355S ₃

泵性能参数表 Table of property parameters

泵型号 Model of pump	叶轮 代号 Code of impeller	叶轮外径 (mm) Outer diameter of impeller	流量 Q (m³/h) Capacity	扬程 H (m) Head	汽蚀 余量 (m) (NPSH)r	电机型号及功率(kw) motor model and power					
						输送介质密度(kg/m³) medium density					
						1000		1350		1840	
SPP40-45 n=970	A	540	3200	20.6	8	250	315L				
	B	507	3000	18.5	7.5	200	355S ₁				
	C	480	2800	16	7.1	160	355S ₂	220	355M		
	D	453	2500	13.5	7	132	315M ₂	185	355S ₂	250	355L
SPP40-45 n=730	A	540	2400	11.6	6	110	315M ₂	132	355S ₂	185	355M
	B	507	2200	10.9	5.4	90	315M ₂	132	355S ₂	160	355S ₁
	C	480	2000	9.5	5	75	315M ₁	110	315M ₂	132	355S ₂
	D	453	1800	8	8	55	315S	75	315M ₁	110	315M ₂
SPP45-50 n=730	A	608	3300	15.8	5.2	185	355M				
	B	570	3100	13.8	5	160	355S ₁				
	C	540	2900	12	5	132	355S ₂	160	355S ₁		
	D	510	2600	10.2	7.3	110	315M ₂	132	355S ₂	185	355M
SPP45-50 n=580	A	608	2600	10	3.4	90	355S ₂	132	355M		
	B	570	2500	8.6	3.1	75	315M ₂	110	355S ₁	160	355L
	C	540	2300	7.8	3	75	315M ₁	90	355S ₂	132	355M
	D	510	2200	6	5.8	55	315M ₂	75	315M ₂	90	355S ₂
SPP50-50 n=730	A	675	3700	24	5						
	B	634	3400	20	5						
	C	600	3200	16	5	185	355M				
	D	567	3000	12.8	7	132	355S ₁	185	315M		
SPP50-55 n=730	A	675	4500	20	5.5						
	B	634	4300	17.5	5.1						
	C	600	4000	15	5						
	D	567	3800	12.3	7.6	185	355M				
SPP50-55 n=580	A	675	3600	12.6	3.8	160	355L				
	B	634	3400	11	3.4	132	355M				
	C	600	3200	9.4	3.1	110	355S ₁	160	355L		
	D	567	3000	8	5.8	90	355S ₂	132	355M	160	355L
SPP50-60 n=580	A	742	4800	15	5.2						
	B	696	4400	13.5	5						
	C	660	4100	11.5	4.9	132	355M				
	D	623	3900	9.5	7.2	132	355M				
SPP55-60 n=480	A	742	3900	10.5	3.5						
	B	696	3700	9.1	3.2						
	C	660	3400	8	2.9						
	D	623	3200	6.5	2.7						
SPP60-60 n=580	A	810	5200	21.5	5.6	注: 1、订货时, 泵名称由泵型号和叶轮代号组成。例如 SPP20-25泵, 叶轮代号为A, 则泵名称为SPP20-25A。 2、大于SPP50-50规格的泵, 此表中空白处的电机型号在 订货时另行商定。 Remarks: 1. When ordering, the name of pump shall be made up of pump model and blade wheel code. For example: if it is an SPP20-25 pump with blade wheel code of A, then the name of the pump is SPP20-25A. 2. As for other pumps higher the SPP50-50 in specification, the motor model in the blank space of table should be agreed upon when ordering.					
	B	760	5000	17	5.6						
	C	720	4500	14	5.6						
	D	680	4300	11	7.8						
SPP60-65 n=580	A	810	6200	17	6.2						
	B	760	5800	15	6						
	C	720	5400	13	5.8						
	D	680	5100	10.5	8						
SPP60-65 n=480	A	810	5200	11.5	4.3						
	B	760	4900	10	3.8						
	C	720	4700	8.5	3.7						
	D	680	4400	7	7						

Model S、SH Horizontal medium-open Pump

●S、SH系列水平中开泵



概述

S、SH 水平中开泵与其它同类型的泵相比较具有寿命长、效率高、结构合理、运行成本低、安装及维修方便等特点，是消防、空调、化工、水处理及其它行业的理想用泵。

泵体 泵体的设计压力为 1.6MPa 和 2.0MPa。为满足世界范围用户的不同要求，相应的泵体进出口法兰可按 ANSI、PN 及 JIS 等标准选取。泵体的进出口法兰均位于下泵体，这样可以在不拆卸系统管路的情况下取出转子，维修方便。部分泵体采用双流道设计，以减少径向力，从而延长机封和轴承的寿命。

叶轮 叶轮的水力设计采用了最先进的 CFD 技术，因此提高了 S 泵的水力效率。对叶轮进行动平衡，确保 S 泵的运行平稳。

轴 轴径较粗，轴承间距较短，从而减小了轴的挠度，延长了机械密封和轴承的寿命。

轴套 对于所有的 S 泵，轴套可以采用多种不同的材料，以防止轴被腐蚀和磨损，轴套可更换。

磨损环 泵体与叶轮间采用可更换的磨损环，防止泵体和叶轮的磨损，更换方便，维修费用低，同时保证运行间隙和较高的工作效率。

填料体 独特的填料体设计既可以使用填料也可以使用机械密封，可以在不拆卸泵盖的情况下更换密封装置。

轴承 独特的轴承体设计使轴承可采用油脂或稀油润滑，轴承的设计寿命 10 万小时以上，也可使用双列推力轴承和封闭轴承。

材料 根据用户的实际需要，S 水平中开泵的材料可为铜、铸铁、球铁、316 不锈钢、416 不锈钢、双向钢、哈氏合金、蒙耐合金、钛合金及 20 号合金等材料。

安装方式 S 型泵有两种安装方式——水平安装和立式安装，立式安装可以减少占地面积。

General

Compared with other similar pumps, Model - S horizontal medium-open pump is featured with long life, high efficiency, reasonable structure, low operating cost, convenient installation and repair, etc. It is an ideal pump for fire fighting, air-conditioning, chemical, water treatment and other industries.

Pump body

The designed pressures of the pump are 1.6 Mpa and 2.0 Mpa. In order to meet different users' requirements around the world, the relevant inlet and outlet flanges of pump body can be chosen according to ANSI, PN and JIS standards. These inlet and outlet flanges are all installed in the lower part of pump body, so the rotor can be taken out without disassembling pipelines of the system, and it is convenient to repair. Part of the pump body adopts a double-flow passage structure in design, which can lower the radial force and extend the life of the mechanic seal and the bearing.

Blade wheel

The hydraulic design of the blade wheel uses the up-to-date CFD technology, which can improve the hydraulic efficiency of the pump. The blade wheel has been made in a dynamic balance, so as to make sure that model - S pump can run very smoothly.

Shaft

The diameter of the shaft is big, while the gap between bearings is short. This can lower the deflection of the shaft, so as to extend the life of the mechanic seal and the bearing.

Shaft casing

For model - S pumps, the shaft casing can be made of many different materials, so as to protect the shaft from corrosion and abrasion. The shaft casing can be replaced.

Abrasion ring

A replaceable abrasion ring is installed between the pump body and blade wheel, so as to protect the pump body and blade wheel from abrasion. It is convenient to replace. This results in low maintenance cost, guarantees enough running gap and high efficiency.

Stuffing

The pump with unique stuffing design can use not only stuffing, but also mechanic seal. The seal device can be replaced without disassembling pump cover.

Bearing

The unique bearing design makes it possible that the bearing can use either grease or thin oil for lubrication. The designed life of the bearing can be up to more than 100,000 hours. A double-row thrust bearing or closed-type bearing can also be used.

Materials

According to actual demands of users, the materials of model - S horizontal medium-open pump can be copper, cast iron, nodular cast iron, 316 stainless steel, 416 stainless steel, duplex steel, Hastelloy, monelmetal, Titanium alloy, 20# alloy, etc.

Installation mode

Model - S pump can be installed in two ways: horizontal and vertical installations. The vertical installation can save floor space.

S、SH系列水平中开泵

Model S、SH Horizontal medium-open Pump

泵性能参数表 Table of property parameters

泵型号 Pump Model	流量Q Capacity (m³/h)	扬程H Head m	转速n Speed (r/min)	功率(KW) Power		效率η Efficiency (%)	必需气蚀 余量 (NPSH)r (m)	叶轮 外径D Impeller diameter (mm)	重量 泵/底座 weight pump/base (kg)
				轴 Shaft	电动机 electromotor				
150S78	126 160 198	84 78 70	2950	45.3	55	75	3.5	245	158/112
150S78A	112 144 180	67 62 55		33.8	45	72		223	158/95
150S50	130 160 220	52 50 40		27.3	37	80	3.9	206	147/112
150S50A	116 144 180	44 40 35		21	30	75		185	147/95
150S50B	103 133 160	36 36 32		18.6	22	70			147/80
200S95	183 280 324	103 95 85		91.7	125	79.2	5.3	282	240/-
200S95A	198 270 310	94 87 80		85.3	110	75		270	
200S95B	245	72		64.9		74		250	
200S63	216 280 351	69 63 50		58.3	75	82.7	5.4	235	187/135
200S63A	180 270 324	54.5 46 37.5		45.1	55	75		210	187/124
200S42	216 280 342	48 42 35		38.1	45	84.2		204	219/180
200S42A	198 270 310	43 36 31		33.1	37	80		193	
250S65	360 485 612	71 65 56	1450	109	132	78.6	3	450	518/-
250S65A	338 468 540	60 54 50		89.4	110	77		400	
250S39	360 485 612	42.5 39 32.9		61.5	75	83.6	3.2	367	400/240
250S39A	324 468 576	35.5 30.5 25		49.3	55	79		328	400/233
250S24	360 485 576	27 24 19		36.9	45	85.8	3.5	285	
250S24A	342 414 482	22.2 20.3 17.4		27.6	37	83		265	370/201
250S14	360 485 576	17.5 14 11		21.5	30	85.8	3.8	245	305/225
250S14A	320 432 504	13.7 11 8.6		15.8	18.5	82		214	305/215
300S90	590 790 936	93 90 82		243	300	79.6	4	530	840/-
300S90A	576 756 918	86 78 70		217	260	74		500	
300S90B	540 720 900	72 67 57		180	220	73		470	
300S58	576 790 972	65 58 50		148	180	84.2	4.4	445	589/-
300S58A	529 720 893	55 49 42		119	160	81		419	
300S58B	504 684 835	47.2 43 37		100	132	80		394	
300S32	612 790 900	36 32 28		79.2	90	86.8	4.6	348	709/-
300S32A	551 720 810	31 26 24		60.7	75	84		318	
300S19	612 790 935	22 19 14		47	55	86.8	5.2	290	434/485
300S19A	504 720 829	20 16 13		39.2	45	80		260	434/490
300S12	612 790 900	14.5 12 10		30.4	37	84.8	5.5	251	413/243
300S12A	522 684 792	11.8 10 8.7		23.9	30	78		200	413/237
350S75	972 1260 1440	80 75 65		303	356	85.2	5.8	503	1200/-
350S75A	900 1170 1332	70 65 56		247	290	84		470	

注:效率是中间点效率 Notice: efficiency refers to the efficiency of middle point

S、SH系列水平中开泵

Model S、SH Horizontal medium-open Pump

泵性能参数表 Table of property parameters

泵型号 Pump Model	流量Q Capacity (m³/h)			扬程H Head m			转速n Speed (r/min)	功率(KW) Power		效率η Efficiency (%)	必需气蚀 余量 (NPSH)r (m)	叶轮 外径D Impeller diameter (mm)	重量 泵/底座 weight pump/base (kg)
								轴 Shaft	电动机 electromotor				
350S75B	900	1080	1224	59	55	47.5	1450	197	220	82	5.8	443	1200/-
350S44	828	1260	1476	50	44	37		173	220	87.5	6.3	406	11051/-
350S44A	972	1116	1332	41	36	30		131	180	84		370	
350S26	864	1260	1440	32	26	22		102	132	87.5	6.7	340	672/-
350S26A	972	1116	1296	26	21.5	16.5		78.8	90	83		310	
350S16	864	1260	1440	20	16	13.4	1450	64.5	75	85.3	7.1	290	632/-
350S16A	972	1044	1260	16	13.4	10		48.8	55	78		250	
500S98	864	2020	2340	14	98	79	1450	578	800	79.5	6	860	4300/-
500S98A	1620	1872	2170	96	83	67		540	630	78.5		800	
500S98B	1500	1746	2020	86	74	58		452	580	78		745	
500S59	1400	2020	2340	68	59	47		391	450	83		675	2700/-
500S59A	1620	1872	2170	57	49	39		333	400	75		630	
500S59B	1500	1746	2020	46	40	32		257	315	74		585	
500S35	1400	2020	2340	40	35	28	1450	219	280	88	6	530	2300/-
500S35A	1620	1746	2020	31	27	21		151	220	85		498	
500S22	1400	2020	2340	24.5	22	19.4		144	182	84		460	2000/-
500S22A	1620	1746	2020	20	17	14		104	132	80		410	
500S13	1400	2020	2340	15	13	10.4		86.2	110	83		390	
600S75	1620	3170		75			1450	727	800	89	7.5	782	4300/-
600S75A	2880			65				580	630	88		716	
600S47	3170	3500	56	47	36			465	580	88		626	3800/-
600S32	2500	3170	3980	37	32	20		314	380	88		540	
600S32A	2520	2880	3600	31.5	27	20		246	280	86		500	
600S32B	2304	2628		22				187	240	84		480	2500/-
600S22	3170		22				1450	216	250	88	7	485	
600S22A	2880		18					161	215	87		440	
900S75	4320	6330	7200	84.5	75	67	730	1405	1600	92	8.0	990	8300/-
800S48	3600	5070	6200	55	48.5	43	585	752	1000	89	5.2	880	8300/-
800S29	4300	5400	5760	32	29	27	730	472	570	90	8.0	716	6000/-
800S29A	3960	5000	5400	29	26	23.7	730	393.5	440	90	7.0	680	6000/-
800S29B	3600	4700	5000	23.7	20	17.5	730	284.5	320	90	6.2	625	6000/-
800S29C	3600	4300	4680	22.3	18.6	17	585	242	280	90	5.0	716	6000/-
800S29D	3240	4000	4300	18.7	16.5	15	585	200	230	90	4.5	680	6000/-
800S29E	2880	3800	3960	15.6	13	11.5	585	151.2	185	89	4.0	625	6000/-

G Series Single Screw Pump

●G系列单螺杆泵



概述

该螺杆泵可用于输送中性或腐蚀性的液体，洁净的或磨损性的液体，含有气体或易产生气泡的液体，高粘度或低粘度液体，包括含有纤维和固体物质的液体。主要应用于食品业、纺织业、造纸业、石油业、化工业、碱、盐业、造船业、建筑业、核工业、冶金与矿山等行业。

工作原理

单螺杆泵是一种内啮合的密闭式螺杆泵，属转子式容积泵。主要工作部件由具有双头螺旋空腔的定子和在定子孔内与其啮合的单头螺旋螺杆——转子组成。当输入轴通过万向节驱动转子绕定子作行星回转时，定子——转子付就连续地啮合形成密闭腔，这些密闭腔容积不变地作匀速轴向转动，把输送介质从吸入端经流过定子——转子付输送至压出端，吸入密闭腔内的介质流过定子而不被搅动和破坏。因此，可以输送含有坚硬磨损性杂质及固体颗粒的介质和粘稠的液体。

General

For pumping neutral or corrosive liquids, uncontaminated or abrasive liquids, liquids containing gases or which tend to froth, and liquids of high or low viscosity, including liquids containing fibrous and solid material.
principal fields of application

Food industry, Textile mill, paper-making, Petro-Industry, Chemical industry, Ship building, Build industry, Nuclear industry, Metallurgical and mine etc.

Operation

The mono pump is a screw pump sealed on the inside gearing, belong to rotor displacement pump. The essential part consists of combination of a stator with two-start female thread and a rotor in planetary motion by the universal coupling, between the stator and the rotor, being in mesh continually, formed many spaces, as the close spaces unchanged in volume are axial moving, the medium handled is transmitted to the outlet port from the inlet port. The liquid transmitted to get not confused or disruptive, thus it is most suitable for lifting mediums containing solid matter, abrasive particles and viscous liquids.

泵性能参数表 Table of property parameters

型号 Model	压力 Pressure in the delivery branch 0.3MPa				压力 Pressure in the delivery branch 0.6MPa			
	转速 r/min Speed	流量 m ³ /h Capacity	轴功率 KW Shaft power	电机 Motor	转速 r/min Speed	流量 m ³ /h Capacity	轴功率 KW Shaft power	电机 Motor
G25-1	720	2.45	0.47	Y132S-8(2.2KW)	720	2.2	0.69	Y132S-8(2.2KW)
	570	1.89	0.36	YCJ71(0.75KW)	579	1.6	0.54	YCJ71(1.1KW)
	508	1.63	0.35		513	1.4	0.50	
	445	1.45	0.31		452	1.14	0.45	
	368	1.18	0.28		393	0.9	0.39	
	334	1.0	0.25		339	0.7	0.34	
	284	0.76	0.22		288	0.53	0.31	
G35-1	579	3.9	0.70	YCJ71(1.1KW)	579	3.25	1.06	YCJ71(1.5KW)
	513	3.4	0.61		513	2.8	0.95	
	452	3.0	0.54		452	2.3	0.83	
	393	2.5	0.46		393	1.9	0.73	
	339	2.0	0.42		339	1.5	0.63	
	288	1.6	0.36		288	1.15	0.54	
	217	1.1	0.26					
G40-1	579	7.9	1.06	YCJ71(1.5KW)	587	6.8	1.8	YCJ71(2.2KW)
	513	6.9	0.93		520	5.7	1.61	
	452	5.9	0.82		458	4.8	1.43	
	393	5.1	0.74		399	4	1.21	
	339	4.2	0.63		344	3	1.05	
	288	3.3	0.53		292	2.2	0.9	
	240	2.65	0.47		244	1.6	0.75	
	186	1.7	0.36	YCJ132(1.1KW)				
G50-1	587	15.7	2.42	YCJ71(3KW)	571	13.4	3.61	YCJ80(4KW)
	520	13.8	1.95		504	11.5	3.2	
	458	12.1	1.64		442	9.5	2.79	
	399	10.2	1.45		383	7.5	2.4	
	344	8.8	1.16		327	6	2.02	
	292	7.1	0.96		275	4.4	1.71	
	244	5.6	0.85	YCJ71(2.2KW)	223	2.8	1.46	YCJ80(3KW)
	171	3.5	0.60	YCJ32(2.2KW)				
G70-1	571	31	4.3	YCJ80(5.5KW)	545	25	7.04	YCJ100(11KW)
	504	27	3.43		478	21	6.11	
	442	24	2.99		417	17.9	5.47	
	383	20	2.53		360	13.5	4.7	
	327	16.5	2.22		305	9.5	3.99	
	244	12	1.63	YCJ100(4KW)	250	7.0	2.88	YCJ100(7.5KW)
	208	8.8	1.5	YCJ160(4KW)	194	3.8	2.47	YCJ180(7.5KW)
	149	5.2	0.95					
G85-1	545	57	7.2	YCJ100(11KW)	545	50	13	YCJ112(15KW)
	479	52	6.8		479	44	12.1	
	417	41.8	6.2		417	35	9.9	
	360	36.1	5.8		360	28.1	8.8	
	305	30	5.5		305	22	7.3	
	254	24	5.0	YCJ112(11KW)	254	16.2	6.5	YCJ112(11KW)
	194	17.5	4.6	YCJ180(7.5KW)	189	9.5	5.8	YCJ200(11KW)
	121	10.4	4.2					

泵性能参数表 Table of property parameters

型 号 Model	压 力 Pressure in the delivery branch 0.8MPa				压 力 Pressure in the delivery branch 1.2MPa			
	转速 r/min Speed	流量 m ³ /h Capacity	轴功率 KW Shaft power	电 机 Motor	转速 r/min Speed	流量 m ³ /h Capacity	轴功率 KW Shaft power	电 机 Motor
G20-2	970	1.45	0.9	Y100L-6(14.5KW)	970	1.35	1.07	Y100L-6(14.5KW)
	720	1.0	0.7	Y132S-8(2.2KW)	720	0.92	0.83	Y132S-8(2.2KW)
	579	0.75	0.65	YCJ71(1.1KW)	579	0.68	0.76	YCJ71(1.1KW)
	513	0.62	0.6		513	0.54	0.70	
	452	0.52	0.55		452	0.40	0.65	
	393	0.35	0.47		393	0.28	0.52	
G25-2	720	2.41	1.14	Y132S-8(2.2KW)	720	2.2	1.43	Y132S-8(2.2KW)
	579	1.86	0.96	YCJ71(1.5KW)	579	1.65	1.18	YCJ71(1.5KW)
	513	1.62	0.85		513	1.4	1.05	
	452	1.44	0.75		452	1.14	0.96	
	393	1.15	0.69		393	0.9	0.86	
	339	0.99	0.61		339	0.7	0.70	
	288	0.81	0.53		288	0.53	0.66	
G35-2	587	3.9	1.7	YCJ71(2.2KW)	587	3.4	2.22	YCJ71(3KW)
	520	3.5	1.61		520	3.0	2.0	
	458	2.9	1.35		458	2.5	1.69	
	399	2.5	1.15		399	2.0	1.5	
	344	2.05	1.08		344	1.6	1.26	
	292	1.7	0.87		292	1.15	1.15	
	244	1.35	0.72		247	0.75	1.0	YCJ80(3KW)
G40-2	571	7.4	2.91	YCJ80(4KW)	571	6.8	3.73	YCJ80(5.5KW)
	504	6.3	2.46		504	5.8	3.35	
	442	5.4	2.19		442	4.9	2.87	
	383	4.5	1.89		383	4.2	2.45	
	327	3.8	1.63		327	3.3	2.15	
	275	3.0	1.36	YCJ80(3KW)	244	2.0	1.79	YCJ100(4KW)
	223	2.2	1.12		208	1.6	1.46	
	198	1.9	1.07	YCJ132(3KW)				YCJ180(4KW)
G50-2	537	13.7	4.66	YCJ100(7.5KW)	545	13	6.48	YCJ100(11KW)
	472	11.7	3.92		479	10	5.65	
	411	10.0	3.41		417	8.8	4.86	
	355	8.6	2.9		360	7	4.16	
	301	7.2	2.46		305	5.5	3.58	
	250	5.1	2.14		250	3.8	3.02	YCJ100(7.5KW)
	208	3.9	1.6	YCJ160(5.5KW)	194	2.3	2.2	YCJ180(7.5KW)
G70-2	545	30	9.8	YCJ100(11KW)	545	26	13.5	YCJ112(15KW)
	479	26	9.0		479	23	12.6	
	417	22.5	8.1		417	20	12.1	
	360	18	7.5		360	16	9.7	
	305	15	6.7		305	12	8.78	
	254	12	6.1	YCJ112(11KW)	254	9.2	8.4	YCJ112(11KW)
	194	7.5	5.0	YCJ180(7.5KW)	189	3.2	6.0	YCJ200(11KW)
	121	3.0	4.5					

注:该性能表的试验数据是以清水为介质。

Note: The performance charts have been designed assuming the fluid to be water.

GNF Series Single Screw Pump

●GNF系列单螺杆泵



概述

GNF 系列单螺杆浓浆泵属于容积泵。它的主要工作部件是偏心螺旋体的螺杆(称转子)和内表面呈双线螺旋面的螺杆衬套(称定子)。其工作原理是:当电动机转动时,带动螺杆一方面绕本身的轴线旋转,另一方面它又沿衬套表面滚动,于是形成泵的密封腔室,螺杆每转一周,密封腔室中的液体向前推进一个螺距,随着螺杆的连续转动,液体以螺旋形式从一个密封腔压入另一个密封腔,最后挤出泵体。

螺杆泵是一种新型的输送液体的机械,具有结构简单、工作安全可靠,使用维修方便,出液连续均匀,压力稳定等优点。我公司生产的单螺杆泵凡接触物料的金属零件,均选用优质不锈钢制作、衬套采用无毒无味的橡胶,工作温度可达 120℃。因而它具有防腐、耐酸、耐油等优点,最适用于输送各种粘度的食品浆料。此外,在化工、石油和污水处理等生产过程中可用于输送粘度 1—1000000 厘泊,不含有固体颗粒或胶块的溶液、浆、悬浮液、胶液等。

General

The thick syrup in single the screw in the series of GNF pump belongs to the capacity pump. It of mostly work the parts is the screw (call to rotor) to lacks of eccentricity the helicoid with the inside form Reports the screw

Screw pump is a new type transporting liquids machine which has advantages such as simple structure, safe and reliable operation, convenience usage and repair, continuum and level liquids discharging, stable pressure. The metal spare parts contacted with medium are made up of perfect stainless acid-endure steel, sleeve is made up of no poison no smell latex, operating temperature can reach 120℃. So it has advantages such as rotton preserve, acid endure and oil endure, especially transporting apiece density food slurry. Otherwise, it can transport no containing solid grain or gel liquor, slurry, hanging liquid, glue whose density is between 1CP and 1000000CP in chemical, petro-chemical and sewage dealing process.

泵性能参数表 Table of property parameters

泵型号 Model	流量Q Capacity		扬程 H (m) Head	转速 n (r/min) Speed	功率N(千瓦) Power		效率 η (%) Efficiency	允许吸上 真空高度 (m) Vacuum high	进出口 直径D (mm) Entrance diameter	配套电机 型 号 Motor
	(m³/h)	(l/s)			轴功率 Shaft power	电机功率 Motor power				
GNF29 × 4	1.5	0.42	≥ 45	960	0.98	1.5	42	5	32	Y100L-6
GNF40 × 2	8	2.2	≥ 45	960	2.18	3	50	5	50	Y132S-6
GNF64 × 4	20	5.6	≥ 45	960	6.66	11	50	5	100	Y160L-6

SJ Model Full of centrifugal plup pump

●SJ型全开式离心式纸浆泵



概述

SJ型全开离心式纸浆泵是在消化吸收国外先进泵类产品的基础上,结合国内造纸、制浆企业用泵要求而研制开发的新一代纸浆泵产品,具有明显的高效,防堵塞性能好及运行时无泄漏、安装维修方便等优点,广泛应用于造纸、制浆企业纸浆介质的输送。

适用范围

制浆造纸 制糖淀粉
工业污水 环保工程

性能范围

流量:30-3000m³/h
扬程:10-100m
纸浆浓度:≤6%
工作温度:≤120℃

型号说明

SJ 泵型号
150 泵的出口法兰公称通径(mm)
400 最大叶轮直径(mm)

结构特点

1、该泵为单级、单流、蜗形离心泵,基于其工艺设计,叶轮、后耐磨衬、填料函体、轴密封和轴承架可以作为一个“抽拉部件”拆卸和/或安装,不用拆开进口和出口管。

2、叶轮采用三叶片(或六叶片),敞开式叶轮,效率很高且不需要轴向推力补偿,易于维修,堵塞机会低。

3、泵轴由使用油润滑或脂润滑的进口轴承支撑。圆柱滚子轴承安装在泵端,两个角接触球轴承则背靠背安装在传动端。加大尺寸的轴确保泵无振动运行。

4、叶轮采用精密铸造并作动平衡校验。

General

SJ type open centrifugal pulp pump is absorbing foreign advanced pumps in digestion, combined with domestic paper-making, pulping enterprise pump requirements and to develop a new generation of pulp pump products, has obvious efficiency, non leakage, advantages of convenient repair blocking performance and run time, it is widely used in papermaking, pulping enterprise pulp medium.

Applicable scope

Pulp and paper sugar starch
Industrial sewage environmental protection engineering

Performance

Traffic: 30-3000m³/h
Head: 10-100m
The pulp concentration: ≤6%
Working temperature: ≤120℃

Model description

400 Maximum impeller diameter (mm) . 150 The outlet of the pump flange nominal diameter (mm) .
SJ Pump model .

Structural characteristics

1. the pump is a single-stage, single flow, the volute centrifugal pump, impeller, based on the process design, after wearing, stuffing box, shaft seal and bearing frame can be used as a "pull parts" removing and / or an install, without removing the inlet and outlet pipe.

2. the impeller blades (or six blades), open impeller, high efficiency and without the axial thrust compensation, easy to repair, low chance of blocking.

3. pump shaft is supported by bearings use lubricating oil or grease lubrication. Cylindrical roller bearings are installed in the pump end, two angular contact ball bearings are installed in the transmission end of back-to-back. Increase the size of the shaft to ensure the pump without Vibration operation.

4. the impeller adopts precision casting and dynamic balance test.

SJ型全开式离心式纸浆泵

SJ Model Full of centrifugal plup pump

泵性能参数表 Table of property parameters

型号 Type	流量 Capacity(m³/h)		扬程 Head(m)		转速 Speed (r/min)	配用 功率 Power (KW)	汽蚀 余量 NPSHr (m)	通过颗粒直径 Diameter of passing particle (mm)	效率 Efficiency η	进口直径 Inlet diameter (mm)	出口直径 Outlet diameter (mm)
	额定 Rated point	范围 Range	额定 Rated point	范围 Range							
SJ-65-265	25	15-35	20	20-16	1450	4	3.5	35	67	80	65
SJ-65-350	25	15-35	32	36-32	1450	7.5	3.5	35	64	80	65
SJ-65-400	25	20-35	50	56-50	1450	15	3.5	35	64	80	65
SJ-80-265	50	35-75	20	20-16	1450	5.5	3.5	35	70	100	80
SJ-80-350	60	35-75	32	36-32	1450	11	3.5	35	66	100	80
SJ-80-400	55	35-75	50	56-50	1450	18.5	3.5	35	65	100	80
SJ-100-265	100	60-120	20	20-16	1450	11	3.7	35	67	125	100
SJ-100-350	100	60-120	30	36-30	1450	15	3.5	35	65	125	100
SJ-125-265	180	120-220	18	19-14	1450	15	3.9	35	70	150	125
SJ-125-350	180	120-220	32	36-30	1450	30	3.5	40	68	150	125
SJ-125-400	180	120-260	45	53-37	1450	45	4.1	55	70	150	125
SJ-150-330	350	260-420	25	28-23	1450	37	4.1	55	70	200	150
SJ-150-400	350	260-460	45	53-37	1450	75	4.2	55	74	200	150
SJ-150-470	400	240-480	60	63-57	1450	132	4.2	55	73	200	150
SJ-200-380	700	450-850	32	36-26	1450	110	4.2	70	76	250	200
SJ-200-470	700	450-850	55	59-50	1450	200	4.2	70	76	250	200
SJ-250-430	1200	800-1500	38	45-32	1450	200	4.5	75	78	300	250
SJ-350-470	1800	1000-2200	45	53-37	1450	355	4.5	90	78	400	350
SJ-500-600	3300	2000-3800	30	35-22	1450	355	4.5	90	80	500	500
SJ-65-265	50	30-70	70	72-56	2900	18.5	3.9	35	67	80	65
SJ-65-350	50	30-70	80	120-70	2900	30	3.8	35	64	80	65
SJ-65-400	50	40-70	65	120-75	2900	30	3.8	35	64	80	65
SJ-80-265	100	70-150	70	72-56	2900	45	3.9	35	70	100	80
SJ-80-350	110	70-150	80	120-70	2900	55	3.8	35	65	100	80
SJ-80-400	100	70-150	62	120-75	2900	55	3.8	35	65	100	80
SJ-100-265	180	120-240	70	72-56	2900	75	4.1	35	67	125	100
SJ-100-350	180	120-240	75	110-70	2900	110	3.8	35	65	125	100
SJ-125-265	330	240-440	66	70-55	2900	132	4.1	35	70	150	125
SJ-125-350	340	240-440	72	95-70	2900	180	3.8	40	68	150	125
SJ-125-400	350	240-500	90	120-80	2900	200	4.2	55	70	150	125

WJ No-Chokelese Corrosion Resisting Slurry Pump

●WJ系列无堵塞耐腐蚀浆泵



概述

WJ 型浆泵是采用无堵塞泵的原理,开发的新一代浆泵系列产品,该泵采用国外先进的双流道式叶轮、各种纤维,颗粒通过性能好,具有无堵塞、输浆浓度范围广等特点。可通过棉浆、木浆、各种颗粒、污水垃圾等。与 ZBJ 型纸浆泵相比,使用寿命长,节能效果显著,效率可提高 10 - 15%,如过流部分采用 ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti 材质,可适用于输送 200℃ 以下,含有腐蚀性液体的管道,代替传统的衬胶泵。主要用于输送制浆、造纸、化纤等各种浆料及三废处理等部门。浓度可达 2 - 5%,采用特殊叶轮浓度可达 8% 左右。

General

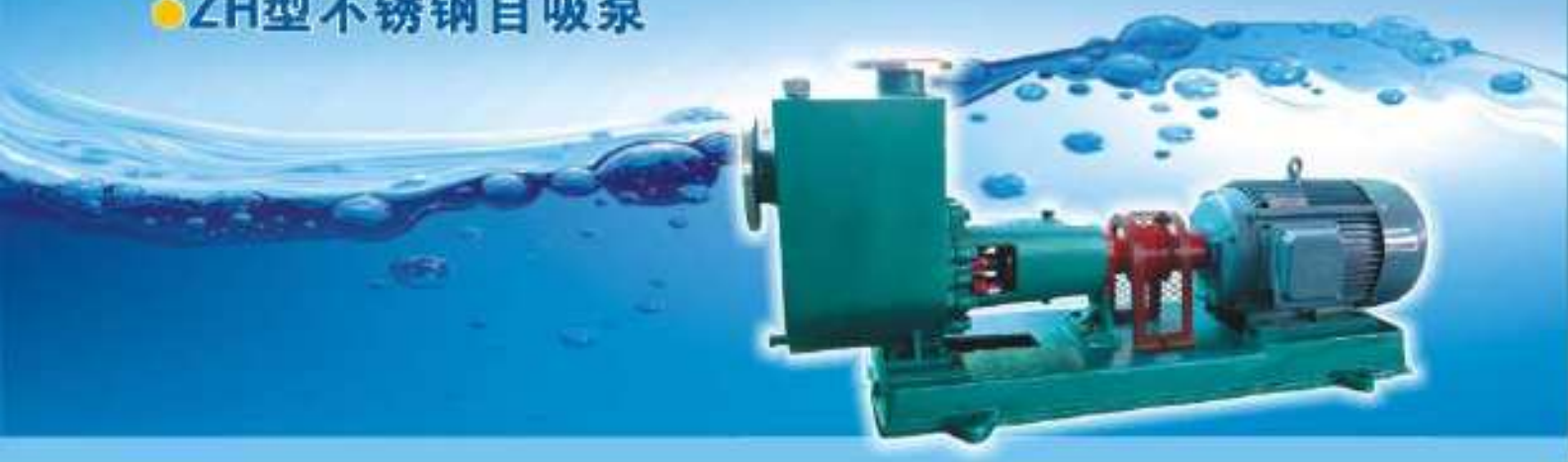
WJ slurry pump is a new slurry pump adopted chokeless principle, this pump use international advanced double - channel impeller which has advantages such as grains passed well, no jammed, wide density slurry. It can pass cotton slurry, wood slurry, every grain and sewage waste. Compared with ZBJ slurry pump, it has long life, remarkable power - saving, efficiency can increased 10 ~ 15%. If liquid passed parts use ZG1Cr18Ni9Ti, ZG1Cr18Ni12Mo2Ti, it can transport liquids whose temperature is below 200℃ and corrosive, It can replace tradition rubber lined pump. It is mainly used in transporting paper slurry, paper making, synthetic fibre and three waste departments. Density can reach 2 - 5%, and it can reach about 8% for special impeller.

泵性能参数表 Table of property parameters

型 号 Model	进口直径 Inlet diameter mm	出口直径 Outlet diameter mm	流量 Capacity m ³ /h	扬程 Head m	转速 Speed r/min	轴功率 Shaft power kw	效率 Efficiency %	配用功率 Motor power kw	气蚀 余量 (NPSH) m	通过颗 粒直径 Grain diameter mm
50WJ25 × 12	65	50	25	12	2900	1.36	60	2.2	3.7	20
50WJ25 × 18				18		2.11	58	4.0		
50WJ25 × 27				27		3.22	57	5.5		
50WJ25 × 45				45		5.89	52	11		
80WJ40 × 12	100	80	40	12	2900	1.92	68	3.0	3.9	35
80WJ40 × 18				18		3.0	65	4.0		
80WJ40 × 27				27		4.90	60	7.5		
80WJ40 × 45				45		8.91	55	15		
100WJ70 × 12	150	100	70	12	2900	3.27	70	5.5	4.2	40
100WJ70 × 18				18		4.90	70	7.5		
100WJ70 × 27				27		7.57	68	11		30
100WJ70 × 45				45		14.30	60	18.5		
150WJ120 × 12	200	150	120	12	2900	3.76	68	7.5	4.7	50
150WJ120 × 18				18		9.46	67	15		
150WJ120 × 27				27		13.37	66	18.5		
150WJ120 × 45				45		24.5	60	30		
150WJ210 × 12	200	150	210	12	1450	9.28	74	15	5.2	55
150WJ210 × 18				18		14.1	73	18.5		
150WJ210 × 27				27		21.45	72	30		
150WJ210 × 45				45		36.2	71	45		
200WJ370 × 12	250	150	370	12	1450	19.91	76	30	5.7	65
200WJ370 × 18				18		23.66	76	30		
200WJ370 × 27				27		36.28	75	45		
200WJ370 × 45				45		61.28	74	75		

Model ZH Stainless Steel Self-priming Pump

● ZH型不锈钢自吸泵



概述

ZH系列自吸式化工离心泵是我公司结合国内外同类产品研制生产的一种单级单吸自吸式化工离心泵,该泵适用于输送温度 $0^{\circ}\text{C}\sim 150^{\circ}\text{C}$,含固体颗粒小于3毫米腐蚀性介质。

如输送介质含有3毫米以上颗粒或纤维,可选用我公司生产的ZW系列无堵塞自吸泵。

性能范围

流量为 $1.6\sim 400\text{m}^3/\text{h}$,扬程为 $5\sim 125\text{m}$,上吸高度为 5m 以内。

根据所输送介质的不同,ZH型自吸式化工离心泵接触液体部分的材料可选用铸铁、铸钢、 $1\text{Cr}18\text{Ni}9\text{Ti}$ 、 $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$ 、 316 、 316L 等材料制造。

泵型号意义说明

Z H 50 - 32 - 160 A

切割叶轮直径顺序,以A、B、C表示
泵叶轮名义直径 (mm)
泵出口直径 (mm)
泵入口直径 (mm)
化工离心泵代号
自吸式泵代号

General

ZH series self-priming chemical centrifugal pump is the same products both at home and abroad, the development and production of a single stage single suction self-priming chemical centrifugal pump, the pump is applicable to transport temperature $0^{\circ}\text{C}\sim 150^{\circ}\text{C}$, containing solid particles less than 3mm corrosive medium.

Such as conveying medium contains more than 3mm particles or fiber, can choose our company produces the ZW series non-clogging self-priming pump.

Performance range

Flow of $1.6\sim 400\text{m}^3/\text{h}$, head for $5\sim 125\text{m}$. The suction height is less than 5m .

According to the conveying medium is different, ZH self-priming chemical centrifugal pump contact liquid part or the material can choose cast iron, cast steel, $1\text{Cr}18\text{Ni}9\text{Ti}$, $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$, 316 , 316L materials manufacturing.

Model illustration

Cutting impeller diameter order to A, B and C said
Pump impeller nominal diameter (mm)
Pump the liquid mouth diameter (mm)
Pump inlet diameter (mm)
Chemical centrifugal pump code
Self-Priming pump code
Self-priming pump code

性能参数表 Table of property parameters

泵型号 Type	泵额定转速 Speed $n=2900\text{r}/\text{min}$			泵额定转速 Speed $n=1450\text{r}/\text{min}$		
	流量Q Capacity m^3/h	扬程 H Head m	配用电机 Motor Power (kw)	流量Q Capacity m^3/h	扬程 H Head m	配用电机 Motor Power (kw)
ZH25-25-125	3.2	20	1.1	1.6	5	0.55
ZH25-25-160	3.2	32	2.2	1.6	8	0.55
ZH25-25-200	3.2	50	5.5	1.6	12.5	0.75
ZH25-25-250	3.2	80	7.5	1.6	20	1.5
ZH40-32-125	6.3	20	1.5	3.2	5	0.55
ZH40-32-160	6.3	32	3	3.2	8	0.55
ZH40-32-200	6.3	50	5.5	3.2	12.5	1.1
ZH40-32-250	6.3	80	11	3.2	20	2.2

泵性能参数表 Table of property parameters

泵型号 Type	泵额定转速 Speed n=2900r/min			泵额定转速 Speed n=1450r/min		
	流量Q Capacity m ³ /h	扬程 H Head m	配用电机 Motor Power(kw)	流量Q Capacity m ³ /h	扬程 H Head m	配用电机 Motor Power(kw)
ZH50-32-125	12.5	20	3	6.3	5	0.55
ZH50-32-160	12.5	32	4	6.3	8	0.55
ZH50-32-200	12.5	50	7.5	6.3	12.5	1.1
ZH50-32-250	12.5	80	15	6.3	20	2.2
ZH65-50-125	25	20	4	12.5	5	0.55
ZH65-50-160	25	32	7.5	12.5	8	1.5
ZH65-40-200	25	50	11	12.5	12.5	2.2
ZH65-40-250	25	80	22	12.5	20	3
ZH65-40-315	25	125	37	12.5	32	5.5
ZH80-65-125	50	20	7.5	25	5	0.75
ZH80-65-160	50	32	11	25	8	1.5
ZH80-50-200	50	50	18.5	25	12.5	2.2
ZH80-50-250	50	80	37	25	20	4
ZH80-50-315	50	125	75	25	32	7.5
ZH100-80-125	100	20	15	50	5	15
ZH100-80-160	100	32	22	50	8	2.2
ZH100-65-200	100	50	37	50	12.5	4
ZH100-65-250	100	80	45	50	20	5.5
ZH100-65-315	100	125	75	50	32	11
ZH125-100-200	200	50	55	100	12.5	7.5
ZH125-100-250	200	80	75	100	20	11
ZH125-100-315	200	125	110	100	32	18.5
ZH125-100-400				100	50	37
ZH150-125-250				200	20	18.5
ZH150-125-315				200	32	37
ZH150-125-400				200	50	75
ZH200-150-250				400	20	55
ZH200-150-315				400	32	75
ZH200-150-400				400	50	110

ZX Series Self-priming Chemical Centrifugal Pump

●ZX系列自吸式化工离心泵



概述

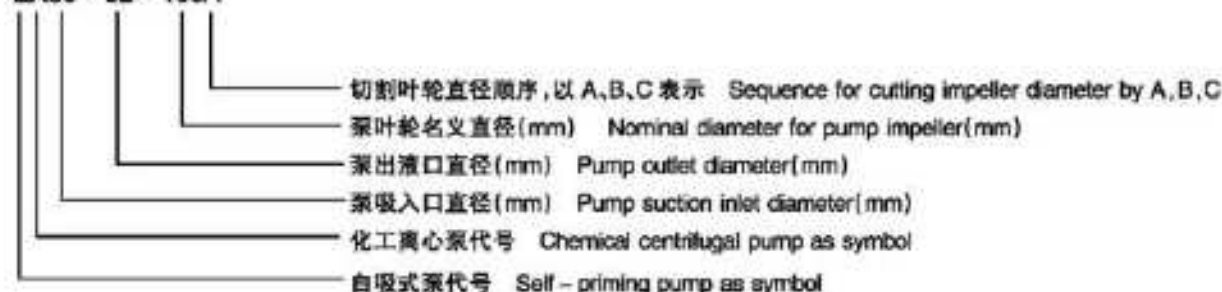
ZX 系列耐温耐腐蚀自吸式化工离心泵是我公司结合国内外同类产品研制生产的一种单级单吸自吸式化工离心泵,该泵适用于输送温度 $0^{\circ}\text{C} \sim 150^{\circ}\text{C}$, 含固体颗粒小于 3 毫米,含固量 $\leq 35\%$ 的介质。

泵的性能范围:流量为 $1.6 \sim 400\text{m}^3/\text{h}$ 、扬程为 $5 \sim 125\text{m}$ 。上吸高度为 5 米以内。

根据所输送介质的不同,ZX 系列自吸式化工离心泵接触液体部分的材料可选用铸钢、304、305、316、316L 等材料制造。

型号意义 Meaning of model code

ZX50-32-160A



General

ZX series temperature-resistant and corrosion-resistant self-priming chemical centrifugal pump is researched and manufactured by our company which is a single-stage and single-suction self-priming chemical centrifugal pump, combined with similar products in domestic and overseas. This kind of pump can be used for the mediums of less than 35% content of less than 3mm solid, with transferred temperature between 0°C and 150°C .

The performance scope for the pump: flow: $1.6 \sim 400\text{m}^3/\text{h}$, lift: $5 \sim 125\text{m}$, height of up-draft: less than 5m.

According to the various transferred mediums, the materials for the touching liquid part of ZX series self-priming chemical centrifugal pump can be selected to use cast steel, 304, 305, 316, 316L and others to manufacture.

泵性能参数表 Table of property parameters

泵型号 Model Type	泵额定转速 Revolutional speed n = 2900r/min			泵额定转速 Revolutional speed n = 1450r/min		
	流量 Capacity m³/h	扬程 Head m	配用电机 Motor Power KW	流量 Capacity m³/h	扬程 Head m	配用电机 Motor Power KW
ZX25-25-125	3.2	20	1.1	1.6	5	0.55
ZX25-25-160	3.2	32	2.2	1.6	8	0.55
ZX25-25-200	3.2	50	5.5	1.6	12.5	0.75
ZX25-25-250	3.2	80	7.5	1.6	20	1.5
ZX40-32-125	6.3	20	1.5	3.2	5	0.55
ZX40-32-160	6.3	32	3	3.2	8	0.55
ZX40-32-200	6.3	50	5.5	3.2	12.5	1.1
ZX40-32-250	6.3	80	11	3.2	20	2.2
ZX50-32-125	12.5	20	3	6.3	5	0.55
ZX50-32-160	12.5	32	4	6.3	8	0.55
ZX50-32-200	12.5	50	7.5	6.3	12.5	1.1
ZX50-32-250	12.5	80	15	6.3	20	2.2
ZX65-50-125	25	20	4	12.5	5	0.55
ZX65-50-160	25	32	7.5	12.5	8	1.5
ZX65-40-200	25	50	11	12.5	12.5	2.2
ZX65-40-250	25	80	22	12.5	20	3
ZX65-40-315	25	125	37	12.5	32	5.5
ZX80-65-125	50	20	7.5	25	5	0.75
ZX80-65-160	50	32	11	25	8	1.5
ZX80-50-200	50	50	18.5	25	12.5	2.2
ZX80-50-250	50	80	37	25	20	4
ZX80-50-315	50	125	75	25	32	7.5
ZX100-80-125	100	20	15	50	5	1.5
ZX100-80-160	100	32	22	50	8	2.2
ZX100-65-200	100	50	37	50	12.5	4
ZX100-65-250	100	80	55	50	20	5.5
ZX100-65-315	100	125	75	50	32	11
ZX125-100-200	200	50	55	100	12.5	7.5
ZX125-100-250	200	80	75	100	20	11
ZX125-100-315	200	125	110	100	32	18.5
ZX125-100-400				100	50	37
ZX150-125-250				200	20	18.5
ZX150-125-315				200	32	37
ZX150-125-400				200	50	75
ZX200-150-250				400	20	55
ZX200-150-315				400	32	75
ZX200-150-400				400	50	110

IHR Series High-temperature Print and Dye Pump

●IHR系列高温印染泵



概述

IHR 型印染泵为单级单吸悬臂式离心泵是印染设备专用配套泵产品。适用于输送 0~150℃的印染液及热水。

泵的最高工作压力 1.0MPa

泵的流量范围(额定值): 6.3~400m³/h

泵的制造材料: 泵的常规制造材料为 1Cr18Ni9Ti 也可以生产 304、304L、316、316L 的其它用户要求的制造材料。

General

IHR print and dye pump is single-stage single-suction overhung centrifugal pump. It is special product collocated with print and dye equipments. It is used in transporting print and dye liquids and hot water, whose temperature is from 0℃ to 150℃.

The max. operating pressure 1.0MPa.

Capacity range: 6.3~400m³/h

Material: usual use 1Cr18Ni9Ti, it can use other materials such as 304, 304L, 316, 316L according to your requirements.

泵性能参数表 Table of property parameters

型 号 Model	流量 Q Capacity m ³ /h	扬程 H Head m	转速 n Speed r/min	配套功率 N Power KW
100-80-380	90	48	1475	18.5
125-100-380	180	48	1475	37
150-125-350	200	42	1475	30
200-150-300	350	35	1475	45
200-175-260	260	20	1475	18.5

泵性能参数表 Table of property parameters

型 号 Model	泵额定转速 $n = 2900 \text{ r/min}$						泵额定转速 $n = 1450 \text{ r/min}$					
	流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η $\%$ Efficiency	功率KW 轴功率 Shaft power 电机功率 Motor power		流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η $\%$ Efficiency	功率KW 轴功率 Shaft power 电机功率 Motor power	
65-40-315	15	126.8	2.0	28	18.5		7.5	32.4	2.0	22	3.0	
	25	125	2.0	39	21.8		12.5	32	2.0	33	3.3	
	30	124	2.5	42.5	23.8		15.0	31.7	2.5	37	3.5	
65-40-315A	14	111.2	2.0	25	18.1		7.0	28.4	2.0	19	2.84	
	23.4	109.5	2.0	38	18.36		11.7	28.0	2.0	31	2.78	
	28	108.8	2.5	40	22.12		14.0	27.6	2.5	34	3.12	
65-40-315B	13.2	98.0	2.0	24	14.69							
	22	96.5	2.0	37	15.63							
	26.4	95.9	2.5	39	17.67							
80-65-125	30	23.2	3.0	60	3.16		15	5.8	2.5	54	0.44	
	50	20	3.0	69	3.95		25	5.0	2.5	64	0.53	
	60	17.6	4.0	67	4.29		30	4.4	3.0	62	0.58	
80-65-125A	27.2	19.1	3.0	57	2.48		13.6	4.8	2.5	51	0.349	
	45.3	16.5	3.0	67	3.04		22.6	4.1	2.5	62	0.407	
	54.4	14.5	4.0	64	3.36		27.2	3.6	3.0	59	0.452	
80-65-160	30	38	2.0	57	5.16		15	9	2.0	50	0.74	
	50	32	2.3	67	6.5		25	8	2.3	62	0.88	
	60	28.4	3.3	65	7.15		30	7.2	3.3	62	0.95	
80-65-160A	27.2	29.7	2.0	54	4.08		13.6	7.4	2.0	47.3	0.28	
	45.4	26.4	2.3	65	5.02		22.7	6.6	2.3	60	0.68	
	54.4	23.4	3.3	62	5.39		27.2	5.9	3.3	59	0.74	
80-50-200	30	55.2	2.0	53	8.5		15	13.5	2.0	44	1.25	
	50	50	2.5	63	10.8		25	12.5	2.0	57	1.49	
	60	45.2	3.2	62	11.9		30	11.5	2.5	58	1.62	
80-50-200A	27.2	45.4	2.0	50	8.73		13.6	11.1	2.0	41	1.00	
	45.3	41	2.5	61	8.29		22.4	10.3	2.0	56.1	1.135	
	54.4	39.2	3.2	59	9.35		27.2	9.5	2.5	55	1.28	
80-50-250	30	84	2.5	43	18.0		15	21	2.0	40	2.15	
	50	80	2.5	53	20.6		25	20	2.0	50	2.72	
	60	75	2.5	54	22.7		30	18.8	2.0	51	3.01	
80-50-250A	28.14	73.55	2.5	42.7	13.2		14.04	18.2	2.0	42	1.66	
	46.9	70.5	2.5	56	18.1		23.4	17.6	2.0	50	2.25	
	56.28	67.4	3.0	58.03	17.8		28.08	16.7	2.0	48.5	2.63	
80-50-250B	26.4	64.8	2.5	40.86	11.4							
	44	62.2	2.5	54	13.8							
	52.8	60	3.0	57.52	15.0							
80-50-315	30	128	2.5	40	26.13		15	32.5	5.0	38	3.5	
	50	125	2.5	52	32.7		25	32	5.0	48	4.54	
	60	123	3.5	55	36.61		30	31.5	5.2	52	4.95	
80-50-315A	28.14	113.4	2.0	40.4	21.5		14.1	29.2	5.0	31.8	3.52	
	46.9	110	2.0	50	28.1		23.5	28.3	5.0	44	4.12	
	56.28	107.4	2.0	55	30.0		28.2	27.1	5.2	47.2	4.41	
80-50-315B	26.4	100.5	2.0	43.5	17.0							
	44	97	2.0	48	24.2							
	52.8	95	2.5	54.6	25.0							
100-80-125	60	23.7	3	65	5.97		30	5.9	3	63	0.77	
	100	20.0	4.2	73	7.47		50	5	4.2	72	0.95	
	120	18.3	4.8	69	7.72		60	4.2	4.8	68	1.01	
100-80-125A	55	19.4	3	62	4.68		27.5	4.85	3	59	0.62	
	91.8	16.8	4.2	71	5.90		46	4.2	4.2	69	0.763	
	109.0	13.7	4.8	67	6.12		55	3.5	3.5	65	0.81	

泵性能参数表 Table of property parameters

型 号 Model	泵额定转速 $n = 2900 r/min$						泵额定转速 $n = 1450 r/min$					
	流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η %	功率KW		流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η %	功率KW Power	
					轴功率 Shaft power	电机功率 Motor power					轴功率 Shaft power	电机功率 Motor power
100-80-160	60	37	3.8	60	10.1		30	9.25	3.0	58	1.3	
	100	32	4.3	73	11.9		50	8	3.4	68	1.58	
	120	28	5.0	73	12.5		60	7	3.7	68	1.68	
100-80-160A	54.6	30.6	3.8	57	7.98		27.3	7.68	3.0	55.3	1.03	
	91	26.5	4.3	71	9.25		45.5	6.6	3.4	67	1.22	
	109.2	23.2	5.0	70.4	9.85		54.6	5.8	3.7	65.3	1.32	
100-85-200	60	56	3.4	63	14.5		30	14.0	2.5	60	1.91	
	100	50	3.9	72	18.9		50	12.5	2.5	68	2.5	
	120	44	5.2	71	20.3		60	11.0	3.0	63	2.85	
100-85-200A	54.6	46.5	3.4	60.1	11.5		27.3	11.6	2.5	57	1.51	
	91	41.5	3.9	70	14.7		45.5	10.3	2.5	66	1.83	
	109.2	36.6	5.2	68	16.0		54.6	9.1	3.0	60.1	2.25	
100-85-250	60	88	3.0	57	25.2		30	22	3.0	50	3.6	
	100	80	3.6	68	32.0		50	20	3.0	63	4.3	
	120	74	4.5	67	36.1		60	18.5	3.6	64	4.7	
100-85-250A	56.11	77	3.0	54	21.8		28.0	19.2	3.0	47	3.12	
	93.5	70	3.6	65	27.4		45.5	17.4	3.0	61	3.53	
	112.2	64.7	4.5	64	30.9		56.0	16.2	3.6	60.9	4.06	
100-85-250B	52.7	67.9	3.0	53.3	19.3							
	87.8	61.7	3.6	64	23.1							
	106.4	57.0	4.5	62.9	26.0							
100-85-315	60	132	2.8	46	44.9		30	33.5	2.0	44	6.2	
	100	125	3.2	62	54.9		50	32	2.0	58	7.5	
	120	119	4.2	64	60.8		60	30.5	2.5	60	8.3	
100-85-315A	58.1	115.5	2.8	45	39.2		28	29.3	2.0	41	5.46	
	93.5	109	3.2	61	45.5		46.5	28	2.0	56	6.33	
	112.2	104	4.2	61	52.1		56	26.7	2.5	57	7.15	
100-85-315B	52.7	102	2.8	44	33.3							
	88	97	3.2	60	38.7							
	106.4	92	4.2	60	44.0							
125-80-160												
	160	32	5.3	79	17.7							
125-80-200												
	160	50	4.3	77	28.3							
125-80-250												
	160	80	4	74	47.1							
125-100-200	120	61	4.5	68	29.3		56	19.5	2.0	56	5.31	
	200	50	5.0	77	35.4		93	17.4	2.3	70	6.29	
	240	41	5.8	70	38.3		112	15.9	3.0	68	7.13	
125-100-200A	109.1	50.5	4.5	64.9	23.1							
	182	41.4	5.0	75	27.4							
	218.2	34	5.8	67.1	30.1		60	33.5	2.5	53	10.3	
125-100-250	120	90	3.7	62	47.4		100	32	2.5	67	13.0	
	200	80	4.5	75	58.1		120	30.5	3	68	15.1	
	240	73	5.5	74	64.5		60	45.5	2.5	48	15.5	

泵性能参数表 Table of property parameters

型 号 Model	泵额定转速 $n = 2900 r/min$						泵额定转速 $n = 1450 r/min$					
	流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η $\%$ Efficiency	功率KW		流量 Q m^3/h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η $\%$ Efficiency	功率KW Power	
					轴功率 Shaft power	电机功率 Motor power					轴功率 Shaft power	电机功率 Motor power
125-100-250A	112	78	3.7	59	40.3		100	42	2.5	55	20.8	
	186.5	69.5	4.5	73	48.35		120	41	3.0	62	21.6	
	224	63.5	5.5	71	54.5							
125-100-250B	105.5	69.0	3.7	58	34.2							
	175.5	61.5	4.5	71	41.4							
	211.0	56	5.5	69.9	46.0							
125-100-315	120	132.5	4.0	52.5	87.4		60	33.5	2.5	53	10.3	
	200	125	5.2	70	97.3		100	32	2.5	65	13.5	
	240	120	5.5	76	103		120	30.5	3	66	15.1	
125-100-400							60	52	2.5	48	17.7	
							100	50	2.5	55	24.8	
							120	48.5	3.0	62	25.5	
125-100-400A							54.6	46	2.5	44	13	
							91	41	2.5	51	19	
							109.2	36.6	3.0	58	19.8	
150-125-250						按液体的 粘度和比重 选用	120	24.8	2.5	66	12.3	
							200	22	2.8	85	14.62	
							240	17	3.5	75	14.9	
150-125-250A							109.1	20.5	2.5	62.8	9.7	
							182	16.5	2.8	75	10.9	
							218.2	12.4	3.5	65.2	11.3	
150-125-315						Select according to viscosity and gravity of liquid	120	36.3	2.5	63	18.8	
							200	32.0	2.8	75	23.2	
							240	26.5	3.8	72	25.9	
150-125-315A							109.1	30.3	2.5	60	14.85	
							182	25.5	2.8	73	17.32	
							218.2	23.5	3.8	69	20.23	
150-125-400						Select according to viscosity and gravity of liquid	120	57.5	2.0	61	30.8	
							200	50	2.5	70	38.9	
							240	44	3.0	63	45.6	
150-125-400A							109.1	47.5	2.0	58	24.3	
							182	41	2.5	68	29.9	
							218.2	36.5	3.0	60	36.1	
200-150-250							240	23	3.5	64.5	23.3	
							400	20	4.0	74	29.4	
							460	18	4.5	74	30.6	
200-150-315							240	35.6	3.0	67	34.7	
							400	32.0	3.5	79	44.7	
							460	29.4	4.0	77	47.8	
200-150-315A							218.2	29.4	3.0	64	27.3	
							363	25.5	3.5	77	32.7	
							418	24.3	4.0	74	37.4	
200-150-400							240	55.8	3.0	67	54.4	
							400	50	3.5	78	69.8	
							460	47	4.0	75	78.5	
200-150-400A							218.2	46	3.0	64	42.7	
							363	41	3.5	76	53.3	
							418	38.8	4.0	72	61.3	

QXP Series little capacity high-head partial emission pump

●QXP型小流量、高扬程切线流泵



概述

QXP 型切线流泵是一种单级单吸部分流泵。该泵是针对小流量、高扬程,特别是对含固介质容易磨损的工况而设计。

泵由于采用切线流泵设计技术,从零流量至设计流量变化时,泵的扬程为一恒定值,这一特点适用于与喷嘴配套使用的场合,也适应其它各种要求泵具有自调特性的场合,同时该泵对叶轮与前后泵盖间隙不敏感,当由于磨、腐蚀造成间隙增大时,泵的性能基本不变化。

该泵由于其特殊设计,在流量偏离设计点时,叶轮及泵轴不存在不平衡径向力的作用,确保了泵的运转稳定,轴承寿命长。

该泵由于叶轮为全开式,同时采用合适的机械密封及其它密封,运转中无泄漏。可以采用变频调速器调速,性能调整方便,可与计算机连接,对泵实行电脑控制。

General

QXP emission pump is single-stage single-suction partial emission pump. This pump is designed aiming at little capacity and high head, especially aiming at wearable solid mediums.

Head is a constant value when capacity is from 0 to designed value. It is especially suitable for matched with muzzle, also suitable for auto adjustment. It is not sensitive to the clearance between impeller and front back pump cover, when clearance increased because wearable or corrosive, performances are not changeable.

For its special design, there is no imbalance radial power when capacity departs designed value, which insures pump stable operation and bearing long life.

Because impeller is whole open, adopt appropriate mechanical seal and other seal, there is no leakage when operation. It can use frequency conversion actuator, adjust performance conveniently. It can be connected with computer, pump is controlled with computer.

泵性能参数表 Table of property parameters

型 号 Model	叶轮 代号 Impeller code	叶轮 直径 Impeller diameter	进口直径 Inlet diameter mm	出口直径 outlet diameter mm	流量 Capacity	扬程 Head	轴功率 Shaft power KW	配用功率(KW) Motor power		
					m ³ /h	m		$\gamma=1.0$	$\gamma=1.4$	$\gamma=1.86$
1QXP-20	A	125	25	20	0.1~1.4	24	0.45	0.75	1.1	1.5
	B	115			0.1~1.3	20				
	C	105			0.1~1.2	16				
1QXP-35	A	165	25	20	0.1~1.8	41	1.5	2.2	3	4
	B	150			0.1~1.5	35				
	C	135			0.1~1.2	28				
1QXP-50	A	195	25	20	0.1~1.5	59	2.4	3	4	5.5
	B	180			0.1~1.4	50				
	C	165			0.1~1.3	41				
1QXP-80	A	250	25	20	0.1~1.6	95	4.5	5.5	7.5	11
	B	225			0.1~1.5	80				
	C	205			0.1~1.3	64				
3QXP-20	A	125	32	20	1~3.3	24	1.1	1.5	2.2	3
	B	115			1~3	20				
	C	105			1~2.8	16				
3QXP-35	A	165	32	20	1~4.3	41	3	4	5.5	7.5
	B	150			1~3.9	35				
	C	135			1~3.5	28				
3QXP-50	A	195	32	20	1~5	59	5.5	7.5	11	15
	B	180			1~4.7	50				
	C	165			1~4.3	41				
3QXP-80	A	250	32	20	1~5	95	10.5	15	18.5	22
	B	225			1~4.6	80				
	C	205			1~4.2	64				
6QXP-20	A	125	40	25	3~6.8	24	2.2	3	4	5.5
	B	115			3~6.2	20				
	C	105			3~5.7	16				
6QXP-35	A	165	40	25	3~7.6	41	4.2	5.5	7.5	11
	B	150			3~6.9	35				
	C	135			3~6.2	28				
6QXP-50	A	195	40	25	3~7.6	59	6.8	7.5	11	15
	B	180			3~7	50				
	C	165			3~6.4	41				
6QXP-80	A	250	40	25	3~8	95	11	15	22	30
	B	225			3~7.2	80				
	C	205			3~6.6	64				
10QXP-80	A	250	50	32	6~13.6	95	13.5	18.5	30	37
	B	225			6~12.2	80				
	C	205			6~11	64				
10QXP-100	A	280	50	32	6~15	120	16.5	18.5	30	37
	B	270			6~14	110				
	C	260			6~13	100				

Model UHB-ZK corrosion- and-abrasion-resistant sand slurry Pump

●UHB-ZK系列耐腐耐磨砂浆泵



概述

本系列泵属单级单吸悬臂式离心泵，过流部件采用钢衬超高分子量聚乙烯(UHMWPE)。是在UHB基础上改进更新换代的产品。该材质是目前国际上新一代的泵用耐腐耐磨工程塑料，其最突出的优点是在所有的塑料中它具有优异的耐磨性、耐冲击性(尤其是耐低温冲击)抗蠕变性(耐环境应力开裂)和极好的耐腐蚀性。

该泵显著特点是：多功能，即一种泵能适应各种不同的工况，如输送酸、碱性清液或料浆；冶炼行业各种腐蚀性矿浆；硫酸行业各类稀酸；环保行业各类污水等。该泵既耐腐蚀又耐磨损，使用范围十分广泛。

主要技术简述

- 1、型号：UHB-ZK 系列
- 2、特点：耐腐耐磨，一泵多用，酸碱类清液料浆均适用。
- 3、结构：(1) 泵体为钢衬超高分子量聚乙烯，衬层厚 8~20mm。
(2) 叶轮分开式，闭式二种，可根据介质状况任选。
- (3) 密封：K 型动力密封。
- 4、适用介质：浓度 80% 以下硫酸，50% 以下硝酸，各种浓度的盐酸，液碱，既适用清液也适用料浆。
- 5、主要技术参数：使用温度 -20℃~80℃(对特殊要求、使用改性材质，可提高到 105℃)，进口 $\Phi 32\text{mm} \sim \Phi 250\text{mm}$ ，流量 5~600m³/h，扬程 50m 以内。

General

This pump series is a cantilever-type horizontal single-stage-single-suction centrifugal pump. Its flow contact parts are made of steel-lined polyethylene with ultra-high molecular weight(UHMWPE). The material is a new corrosion-and-abrasion-resistant engineering plastic for the use of pump in the world. Its unique features are good resistance to abrasion, good resistance to shock(specially for low temperature shock), resistance to creep deformation(resistance to crack resulted from ambient stress), and excellent resistance to corrosion.

The pump is of remarkable characteristics: multifunction, i.e. the pump is suitable for many working conditions. For example, it can be used in conveying acid and alkali clear liquids of slurry, varieties of corrosive mine slurries of metallurgical industry, varieties of thin acids of sulfuric acid industry, varieties of waste water of environment protection industry, etc. Because of the resistances to corrosion and abrasion, it is widely used.

Brief introduction to main technical properties

1. Model: UHB-ZK series
2. Characteristics: resistance to corrosion and abrasion, one pump for multiple uses, suitable for acid and alkali clear liquids or slurries.
3. Structure: (1) the pump body is made of steel lined with polythene with ultra-high molecular weight polyethylene. Its lining thickness is 8-20mm.
(2) The blade wheel has two types: open type and closed type. It can be optionally chosen according to conditions of media.
(3) Seal: K-type dynamic seal.
4. Applicable media: sulfuric acid with concentration of less than 80%, nitric acid with concentration of less than 50%, hydrochloric acid with various concentration, liquid alkali, etc. It is used not only for clear liquid, but also for slurry.
5. Main technical data: working temperature: -20℃~80℃(for special requirements and improved materials, the temperature can be up to 105℃). Inlet diameter: $\Phi 32\text{mm} \sim \Phi 250\text{mm}$ Flow: 5~600m³/h Lift: not more than 50m.

UHB-ZK系列耐腐耐磨砂浆泵

Model UHB-ZK corrosion-and-abrasion-resistant sand slurry Pump

泵性能参数表 Table of property parameters

序号 No.	型 号 Type	流量 Capacity (m³/h)	扬程 Head (m)	转速 Speed (r/min)	功率(KW) Power		进出口直径 Inlet outlet diameter (mm × mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
1	25UHB-ZK-3-13	3	13	2900	0.3	0.75	25 × 20	75
2	25UHB-ZK-5-12	5	12	2900	0.42	0.75		
3	25UHB-ZK-7-10	7	10	2900	0.5	0.75		
4	25UHB-ZK-3-18	3	18	2900	0.4	1.1		
5	25UHB-ZK-5-15	5	15	2900	0.55	1.1		
6	25UHB-ZK-8-12	8	12	2900	0.7	1.1		
7	32UHB-ZK-5-20	5	20	2900	0.72	1.1	32 × 25	80
8	32UHB-ZK-8-18	8	18	2900	1.2	1.5		
9	32UHB-ZK-12-15	12	15	2900	1.3	2.2		
10	32UHB-ZK-5-25	5	25	2900	1.1	2.2		
11	32UHB-ZK-10-20	10	20	2900	1.6	2.2		
12	32UHB-ZK-5-5	5	5	1450	0.25	0.75		
13	32UHB-ZK-15-15	15	15	2900	1.7	2.2	40 × 32	130
14	40UHB-ZK-10-30	10	30	2900	2.2	3		
15	40UHB-ZK-15-25	15	25	2900	2.7	3		
16	40UHB-ZK-7.5-6	7.5	6	1450	0.4	0.75		
17	40UHB-ZK-18-20	18	20	2900	2.6	3		
18	40UHB-ZK-10-18	10	18	2900	1.3	2.2		
19	40UHB-ZK-15-15	15	15	2900	1.7	2.2	50 × 40	170
20	50UHB-ZK-15-32	15	32	2900	3.5	5.5		
21	50UHB-ZK-20-30	20	30	2900	4.3	5.5		
22	50UHB-ZK-10-7.5	10	7.5	1450	0.6	1.1		
23	50UHB-ZK-25-28	25	28	2900	5.0	5.5		
24	50UHB-ZK-10-35	10	35	2900	3.2	4		
25	50UHB-ZK-12-40	12	40	2900	3.6	5.5	65 × 50	220
26	50UHB-ZK-15-43	15	43	2900	5.6	7.5		
27	50UHB-ZK-20-20	20	20	2900	3.0	4		
28	50UHB-ZK-25-18	25	18	2900	3.2	4		
29	50UHB-ZK-30-15	30	15	2900	3.1	4		
30	65UHB-ZK-30-25	30	25	2900	5.3	5.5		
31	65UHB-ZK-35-20	35	20	2900	5.1	5.5	65 × 50	220
32	65UHB-ZK-40-15	40	15	2900	4.5	5.5		
33	65UHB-ZK-30-32	30	32	2900	6.5	7.5		
34	65UHB-ZK-15-8	15	8	1450	0.9	1.1		
35	65UHB-ZK-35-25	35	25	2900	6.2	7.5		
36	65UHB-ZK-40-20	40	20	2900	5.9	7.5		
37	65UHB-ZK-10-45	10	45	2900	4.8	7.5	65 × 50	220
38	65UHB-ZK-5-11	5	11	1450	0.6	1.1		
39	65UHB-ZK-10-40	10	40	2900	4.2	5.5		
40	65UHB-ZK-20-50	20	50	2900	8.7	11		
41	65UHB-ZK-10-12.5	10	12.5	1450	1.2	2.2		
42	65UHB-ZK-30-50	30	50	2900	12	15		
43	65UHB-ZK-15-12.5	15	12.5	1450	1.6	2.2	65 × 50	220
44	65UHB-ZK-30-40	30	40	2900	9.6	11		

UHB-ZK系列耐腐耐磨砂浆泵

Model UHB-ZK corrosion-and-abrasion-resistant sand slurry Pump

泵性能参数表 Table of property parameters

序号 No.	型 号 Type	流量 Capacity (m³/h)	扬程 Head (m)	转速 Speed (r/min)	功率(KW) Power		进出口直径 Inlet outlet diameter (mm x mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
45	80UHB-ZK-40-20	40	20	2900	5.8	7.5	80 x 65	270
46	80UHB-ZK-45-18	45	18	2900	6.1	7.5		
47	80UHB-ZK-50-15	50	15	2900	5.6	7.5		
48	80UHB-ZK-35-45	35	45	2900	10.8	11		
49	80UHB-ZK-17.5-11	17.5	11	1450	1.5	2.2		
50	80UHB-ZK-40-35	40	35	2900	10.2	11		
51	80UHB-ZK-45-32	45	32	2900	10.1	11		
52	80UHB-ZK-50-30	50	30	2900	10.2	11		
53	80UHB-ZK-60-30	60	30	2900	12.6	15		
54	80UHB-ZK-45-50	45	50	2900	14.8	15		
55	80UHB-ZK-22.5-12.5	22.5	12.5	1450	2.3	3		
56	80UHB-ZK-55-40	55	40	2900	15	15		
57	100UHB-ZK-50-58	50	58	2900	21	22	100 x 80	370
58	100UHB-ZK-50-50	50	50	2900	17.5	18.5		
59	100UHB-ZK-60-50	60	50	2900	21.5	22		
60	100UHB-ZK-60-40	60	40	2900	16.8	18.5		
61	100UHB-ZK-60-30	60	30	2900	13.8	15		
62	100UHB-ZK-70-45	70	45	2900	22.1	22		
63	100UHB-ZK-80-35	80	35	2900	17.8	18.5		
64	100UHB-ZK-100-27	100	27	2900	18.4	18.5		
65	100UHB-ZK-80-15	80	15	2900	10.2	11		
66	100UHB-ZK-100-20	100	20	2900	15	15		
67	100UHB-ZK-80-50	80	50	2900	27	30		
68	100UHB-ZK-100-45	100	45	2900	28	30		
69	100UHB-ZK-50-11	50	11	1450	4.2	5.5	125 x 100	480
70	100UHB-ZK-120-40	120	40	2900	28.5	30		
71	100UHB-ZK-145-28	145	28	2900	29.5	30		
72	100UHB-ZK-80-30	80	30	2900	17.5	18.5		
73	100UHB-ZK-100-25	100	25	2900	17.9	18.5		
74	100UHB-ZK-120-20	120	20	2900	17.2	18.5		
75	100UHB-ZK-140-15	140	15	2900	16.6	18.5		
76	100UHB-ZK-100-20	100	20	2900	14.9	15		
77	100UHB-ZK-120-15	120	15	2900	14.2	15		
78	100UHB-ZK-140-10	140	10	2900	14.5	15		
79	125UHB-ZK-100-40	100	40	2900	28.8	30		
80	125UHB-ZK-120-35	120	35	2900	29.4	30		
81	125UHB-ZK-140-25	140	25	2900	25	30		
82	125UHB-ZK-120-32	120	32	2900	26.8	30		
83	125UHB-ZK-140-28	140	28	2900	27.6	30		
84	125UHB-ZK-160-24	160	24	2900	28.1	30		
85	125UHB-ZK-120-20	120	20	2900	17.2	18.5		
86	125UHB-ZK-140-18	140	18	2900	21	22		
87	125UHB-ZK-150-15	150	15	2900	21.5	22		
88	125UHB-ZK-80-15	80	15	1450	10.2	11		

UHB-ZK系列耐腐耐磨砂浆泵

Model UHB-ZK corrosion-and-abrasion-resistant sand slurry Pump

泵性能参数表 Table of property parameters

序号 No.	型 号 Type	流量 Capacity (m³/h)	扬程 Head (m)	转速 Speed (r/min)	功率(KW) Power		进出口直径 Inlet outlet diameter (mm x mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
89	150UHB-ZK-120-25	120	25	1450	22	30		
90	150UHB-ZK-80-11	80	11	980	8.9	11		
91	150UHB-ZK-150-20	150	20	1450	24.5	30		
92	150UHB-ZK-180-30	180	30	1450	35.5	37		
93	150UHB-ZK-210-26	210	26	1450	36.4	37		
94	150UHB-ZK-148-11	148	11	980	15	15		
95	150UHB-ZK-240-24	240	24	1450	37	37		
96	150UHB-ZK-270-20	270	20	1450	36	37	150 x 125	1000
97	150UHB-ZK-190-18	190	18	1450	22	22		
98	150UHB-ZK-135-8	135	8	980	10.5	11		
99	150UHB-ZK-260-16	260	16	1450	28	30		
100	150UHB-ZK-280-14	280	14	1450	28.2	30		
101	150UHB-ZK-120-40	120	40	1450	33.6	37		
102	150UHB-ZK-150-40	150	40	1450	42	45		
103	150UHB-ZK-101-18	101	18	980	12.8	15		
104	150UHB-ZK-200-32	200	32	1450	44	45		
105	150UHB-ZK-250-30	250	30	1450	44.5	45		
106	150UHB-ZK-300-25	300	25	1450	45	45		
107	200UHB-ZK-320-32	320	32	1450	55	55		
108	200UHB-ZK-210-14	210	14	980	18.4	18.5		
109	200UHB-ZK-350-28	350	28	1450	55	55		
110	200UHB-ZK-400-25	400	25	1450	70	75		
111	200UHB-ZK-250-45	250	45	1450	74	75	200 x 150	1200
112	200UHB-ZK-168-20	168	20	980	27	30		
113	200UHB-ZK-300-38	300	38	1450	72	75		
114	200UHB-ZK-350-34	350	34	1450	73.8	75		
115	200UHB-ZK-320-24	320	24	1450	42	45		
116	200UHB-ZK-215-10	215	10	980	15.6	18.5		
117	200UHB-ZK-350-20	350	20	1450	43	45		
118	200UHB-ZK-400-18	400	18	1450	44	45		
119	200UHB-ZK-500-12	500	12	1450	45	45		
120	250UHB-ZK-400-45	400	45	1450	112	132	250 x 200	1450
121	250UHB-ZK-270-20	270	20	980	35	37		
122	250UHB-ZK-500-37	500	37	1450	118	132		
123	250UHB-ZK-600-30	600	30	1450	120	132		
124	250UHB-ZK-400-32	400	32	1450	85	90		
125	250UHB-ZK-270-14	270	14	980	25	30		
126	250UHB-ZK-500-26	500	26	1450	79	90		
127	250UHB-ZK-600-20	600	20	1450	84	90		

WB series stainless steel vortex Pump

WB系列不锈钢旋涡泵



概述

WB 型不锈钢旋涡泵是单级单吸悬臂式离心泵，供吸输送粘度在 5°E 以下不含固体颗粒的腐蚀性液体，液体温度不得超过 105°C。广泛用于化工医药、科研等国民经济各部门抽送小流量，高扬程，不含固体颗粒的腐蚀性液体。

General

WB stainless eddy pump belonging to single entry cantilever centrifugal pump can convey corrosion liquid non-containing solid particle with viscosity below 5°E and temperature not more than 105°C It is widely used in the fields of chemical industry, pharmacology and scientific research to convey corrosion liquid non-containing solid particle with low flow capacity and high head of delivery.

泵性能参数表 Table of property parameters

泵型号 Model	流量 Capacity Q m³/h	扬程 Head H m	转速 Speed n r/min	功率 Power N kw	效率 Efficiency η %	允许吸上 真空高度 Vacuum high HS m	叶轮直径 Impeller diameter D m
20WB-20	0.36	28			14	7	65
	0.72	20	2900	0.75	22	6.5	
	0.9	15			21	6	
25WB-25	0.792	40			17	6.5	75
	1.44	25	2900	0.75	26	6	
	1.8	18			25	5.5	
32WB-30	1.73	62			23	6.5	85
	2.88	30	2900	1.5	32	6	
	3.6	20			31	5.5	
40WB-40	3.6	60			25	6	95
	5.4	40	2900	4	34	5	
	6.28	25			34	4	
50WB-50	6.12	66			29	5	105
	9	45	2900	5.5	36	4	
	10.8	28			35	3	
65WB-50	10.1	84			29	4.5	110
	14.4	50	2900	11	39	3.5	
	16.9	30			37	2.5	
20WB-65	0.36	80			7	6.5	105
	0.75	65	2900	2.2	15	6	
	0.9	50			15	5.5	
25WB-70	0.792	110			13	6	115
	1.44	70	2900	3	22	5.5	
	1.8	52			22	5	
32WB-75	1.73	115			23	5.5	115
	2.88	75	2900	4	30	5	
	3.6	53			30	4.5	
40WB-90	3.6	132			23	4.5	125
	5.4	90	2900	7.5	33	3.5	
	6.48	63			33	2.5	

IN Type Carbamide pump

●IN系列尿素泵



概述

IN 型尿素泵是单级单吸悬臂式离心泵。适用于化肥厂输送熔尿素液用，也可用于输送不含悬浮颗粒物的其他腐蚀性液体。介质的温度允许 $-20 \sim 180^{\circ}\text{C}$ ，泵是水平轴向吸入，径向顶端吐出，泵前侧有保温夹套，可允 0.59MPa ， 170°C 的蒸汽保温。用户可根据被输送介质的腐蚀输送性能程度选用不同材料。

General

IN series carbamide pump is single - stage single - suction overhung centrifugal pump. It is used in transporting carbamide liquids and other corrosive liquids which have not suspend grains. Temperature of medium is from -20°C to 180°C . Pump is level axial suction, discharges radial from top, there is temperature - preserved nip cover on front which can allow steam preservation of 0.59MPa , 170°C . Materials can be selected according to the corrosive of medium.

泵性能参数表 Table of property parameters

泵型号 Model	流量 Capacity Q		扬程 H (m) Head	转速 n (r/min) Speed	功率 Power N(KW)		效率 η (%) Efficiency	必需汽蚀 余量(m) (NPSH)r
	(m^3/h)	(L/S)			轴功率 Shaft power	配带功率 Motor power		
IN50 - 32 - 250	7.5	2.08	82	2900	7.28	11	23	2.0
	12.5	3.47	80		8.25		33	2.0
	15.0	4.17	78.5		8.79		36.5	2.5
IN65 - 40 - 250	15	4.17	81.2	2900	6.76	15	34	2.0
	25	6.94	80		11.84		46	2.0
	30	8.33	78.4		12.8		50	2.5
IN80 - 50 - 250	30	8.33	84	2900	14.61	30	47	2.6
	50	13.9	80		18.60		58	2.6
	60	16.7	75		20.78		59	3.0
IN100 - 65 - 315	60	16.7	132	2900	44.9	75	48	2.8
	100	27.8	125		54.9		62	3.2
	120	33.3	119		60.8		64	4.2

LHB(YLB) Type non-leakage-type chemical process Pump

●LHB(YLB)型无泄漏化工流程泵



概述

LHB(YLB) 型系列无泄漏化工流程泵是我公司在引进国外离心泵最新技术的基础上, 结合我公司多年生产经验, 经过不断的完善改进而成。

机械密封采用负压装置, 在压力不断增加而流量逐渐减少的情况下长期输送液体, 机械密封不承受工作压力, 确保机械密封永不泄漏, 是建设文明工厂的理想设备。

LHB(YLB) 系列耐腐蚀泵为单级单吸悬臂式离心泵, 其标记、额定性能点和尺寸等均符合GB5662-1985标准, 等效于ISO2858-1975。它与国家推广的IH型同属一类型。

轴封: 采用机械密封、动力密封及填料密封, 用户可以任意选定。

General

LHB(YLB) series leak-free chemical process pump is made by our company on the basis of introducing the latest technology of foreign centrifugal pumps, combining with our company's many years of production experience and continuous improvement.

The mechanical sealing adopts negative pressure devices, which can be used for conveying of liquid for very long time under the continuously-increasing pressure and gradually-decreasing flow. THE MECHANICAL SEALING IS NOT SUBJECT TO WORKING PRESSURE, it is guaranteed that the mechanical sealing will never leak, so it is an ideal device for construction of civilized factory.

LHB(YLB) series corrosion-resistant pumps are single-stage single-suction cantilever centrifugal pumps. Their labels, rated performance points and sizes are in line with the GB5662-1985 standard, equivalent to ISO2858-1975. It belongs to the same type as IH type popularized by the state.

Shaft seal: it can use mechanical seal, dynamic seal and packing seal, at the option of users.

LHB(YLB)型无泄漏化工流程泵

LHB(YLB) Type non-leakage-type chemical process Pump

泵性能参数表 Table of property parameters

型 号 Model	转速 r/min Speed	流量 m³/h Capacity	扬程 m Head	额定流量 m³/h Speed	额定扬程 m Head	效率 % Efficiency	功率 kw Power	配套电机 Motor power	汽蚀余量 NPSH m
LHB50-32-160	1450	5-9	6.5-9.6	6.3	8	40	0.34		2.0
	2900	10-15	25.6-33	12.5	32	46	2.37		2.0
LHB50-32-250	1450	5-9	16-24	6.3	20	27	1.27		2.0
	2900	10-15	64-86	12.5	80	33	8.25		2.0
LHB65-50-160	1450	10-15	6.5-9.6	12.5	8	51	0.53		2.0
	2900	20-30	25.6-33	25	32	57	3.82		2.0
LHB65-50-160A	2900	18-27	20.8-31.2	22.5	28	55	2.9		2.0
LHB65-40-200	1450	10-15	10-15	12.5	12.5	46	0.93		2.0
	2900	20-30	40-60	25	50	52	6.5		2.0
LHB65-40-250	1450	10-15	16-21	12.5	20	39	1.75		2.0
	2900	20-30	64-85	25	80	46	11.84		2.0
LHB65-40-250A	2900	18-27	55-80	23.3	69	46	9.52		2.5
LHB65-40-315	1450	10-15	25.6-33	12.5	32	33	3.3		2.0
	2900	20-30	100-127	25	125	39	21.6		2.0
LHB80-65-160	1450	20-30	6.4-10	25	8	62	0.88		2.3
	2900	40-60	29-35	50	32	67	6.5		2.3
LHB80-65-160A	2900	37-56	24-33	46	28	62	5.64		2.3
LHB80-50-200	1450	20-35	10-14	25	12.5	57	1.48		2.0
	2900	40-60	48-54	50	50	63	10.8		2.5
LHB80-50-200A	2900	37-56	34.5-48	46.5	43	61	8.9		2.5
LHB80-50-250	1450	20-30	16-21	25	20	52	2.62		2.5
	2900	40-60	72-87	50	80	57	19.11		2.5
LHB80-50-315	1450	20-30	29-35	25	32	56	3.9		2.0
	2900	40-60	100-127	50	125	51	33.36		2.0
LHB100-80-160	1450	40-60	6.4-9	50	8	69	1.58		3.4
	2900	70-120	26-35	100	32	73	11.9		2.5
LHB100-80-160A	2900	65-110	25-32	93	28	69	10.3		2.5
LHB100-65-200	1450	40-60	10-15	50	12.5	68	2.5		3.9
	2900	80-120	45-53	100	50	72	18.9		3.9
LHB100-65-200A	2900	64-120	35-46	93	43	71	15.3		3.9
LHB100-65-250	1450	40-60	16-22	50	20	63	4.3		3.6
	2900	70-130	70-84	100	80	65	33.5		3.6
LHB100-65-250A	2900	65-120	60-74	93	69	65	26.8		3.6
LHB100-65-250B	2900	70-105	49-72	67	60.5	65	22.1		3.6
LHB100-65-315	1450	35-65	30-33	50	32	60	7.26		2.0
LHB125-100-250	1450	80-120	18-32	100	20	72	7.56		2.3
	2900	160-240	70-15	200	80	75	58		4.5
LHB125-100-250A	2900	160-200	52-54	180	65	72	44.3		4.5
LHB125-100-315	1450	80-120	28-50	100	32	67	13		2.0
	2900	160-240	96-15	200	125	70	97.2		5.2
LHB125-100-315A	2900	160-200	81-53	180	101	69	71.9		5.0
LHB125-100-400	1450	70-140	42-46	100	50	82	22		2.3
LHB150-125-250	1450	150-300	13-84	200	20	76.8	14		2.8
LHB150-125-315	1450	160-250	28-72	200	32	77	22.63		2.8
LHB150-125-315A	1450	150-240	21-33	180	26	72	17.7		3.5
LHB200-150-250	1450	250-520	12-114	400	20	80	27.2		3.5
LHB200-150-315	1450	250-520	28-15	400	32	79	44.1		3.5
LHB200-150-400	1450	300-550	40-46	400	50	78	69.8		3.5
LHB200-150-400A	1450	300-500	38-24	360	43	73	57.7		3.5
LHB300-250-400V	1450	650-1000	24-85	800	32	79	88.2		3.5
LHB300-250-400IV	1450	500-700	28-80	600	38	70	88.6		3.5

AY Series Single and Double Stage Centrifugal oil Pump

●AY型单、双级离心油泵



概述

AY 型油泵系列，是在老 Y 型油泵系列的基础上进行改造并重新设计的。它是为满足现代化建设的需要，尽快地适应以节能为中心的设备更新换代而发展的新产品，具有下列特点。

1、轴承体部件将原 35, 50, 60 轴承体分别为 45, 55, 70 轴承体，提高了可靠性。

2、水力过流部件采用了高效节能泵的水力模型，平均比老 Y 型油泵的效率提高 5-8%。

3、为保持继承性，AY 型油泵的结构型式、安装尺寸、性能参数范围保持与 Y 型油泵相同，便于老装置更新改造。

4、零部件通用化程度高，通标件为几个系列产品共用。

5、选材精炼，主体以 II、III 类材料为主，轴承体等零件增加为铸钢、铸铁两种，为寒冷地区、露天使用，船用提供了有利条件。

6、轴承有空气冷、风扇冷、水冷三种，根据泵的不同使用温度选用。其中风扇冷尤为适用于缺水或水质差的地区。

General

AY series oil pump is rebuilt and redesigned on original Y oil pump. It is a new product satisfied the requirements of modernization construction, suits for power saving. It has following characteristics:

1. Bearing bodies use 45, 55, 70 separately replace 35, 50, 60 increase reliable.

2. Water passed parts adopt high - efficiency can be averagely increased 5 - 8% than original Y oil pump.

3. In order to succeed and old equipment replacement, the structure, installing dimension and performance parameter of AY series oil pump is the same of original Y oil pump.

4. Spare parts are high universal, standard spare parts can be used b several series products.

5. Select materials proficiency, main bodies use II and III kind materials, spare parts such as bearing add casting steel and casting iron, which provides favorableness conditions for cold areas, the open air and ship service.

6. Bearing has three cooling methods such as air cooling, fan cooling and water cooling which is selected according to the temperature. Fan cooling is especially used in water - shorten and water poor quality areas.

泵性能参数表 Table of property parameters

性能参数 property parameters 型号 Type	流量 Capacity Q m ³ /h	扬程 Head H m	转速 Speed n r/min	效率 Efficiency η %	汽蚀 余量 NPSH m	轴功率 Shaft power Pa kw	配带电机 Motor		泵 重 Weight kg	附注 Remarks
							型 号 Type	功率 Power kw		
40AY 40×2	6.25	80	2950	31	2.7	4.4	YB 132S ₂ -2	7.5	163	
40AY 40×2A	5.85	70	2950	31	2.7	3.6	YB 132S ₁ -2	5.5		
40AY 40×2B	5.4	60	2950	31	2.5	2.85	YB 112M-2	4		
40AY 40×2C	4.9	50	2950	31	2.5	2.17	YB 100L-2	3		
50AY 60	12.5	70	2950	42	2.9	5.67	YB 132S ₂ -2	7.5	130	
50AY 60A	11.2	53	2950	39	2.9	4.1	YB 132S ₁ -2	5.5		
50AY 60B	9.9	39	2950	37	2.8	2.8	YB 112M-2	4		
50AY 60×2	12.5	120	2950	37	2	11	YB 160M ₂ -2	15	210	
50AY 60×2A	12	105	2950	36	2	9.5	YB 160M ₁ -2	15		
50AY 60×2B	11	90	2950	35	1.9	7.7	YB 160M ₁ -2	15		
50AY 60×2C	10	76	2950	35	1.7	6	YB 160M ₁ -2	11		
65AY 60	25	60	2950	56	3.1	7.3	YB 160M ₁ -2	11	170	
65AY 60A	22.5	49	2950	54	2.8	5.6	YB 132S ₂ -2	7.5		
65AY 60B	20	37.5	2950	52	2.5	3.9	YB 132S ₁ -2	5.5		
65AY 100	25	110	2950	47	3	15.9	YB 180M-2	22	190	
65AY 100A	23	92	2950	46	2.9	12.5	YB 160L-2	18.5		
65AY 100B	21	73	2950	44	3	9.5	YB 160M ₂ -2	15		
65AY 100×2	25	205	2950	48	2.8	29.1	YB 225M-2	45		
65AY 100×2A	23	178	2950	47	2.7	23.7	YB 200L ₂ -2	37	310	
65AY 100×2B	22	154	2950	46	2.7	20.1	YB 200L ₁ -2	30		
65AY 100×2C	20	130	2950	45	2.6	15.7	YB 180M-2	22		
80AY 60	50	60	2950	62	3.2	13.2	YB 160L-2	18.5	200	
80AY 60A	45	49	2950	61	3	9.9	YB 160M ₂ -2	15		
80AY 60B	40	38	2950	60	3	6.9	YB 160M ₁ -2	11		
80AY 100	50	104	2950	59	3.1	24	YB 200L ₂ -2	37		
80AY 100A	45	85	2950	56	3	18.6	YB 200L ₁ -2	30	220	
80AY 100B	40	76	2950	54	2.9	15.3	YB 180M-2	22		
80AY 100×2	50	200	2950	57	3.6	47.8	YB 280S-2	75		
80AY 100×2A	47	175	2950	55	3.5	40.7	YB 250M-2	55		
80AY 100×2B	43	153	2950	53	3.3	33.8	YB 225M-2	45	380	
80AY 100×2C	40	125	2950	51	3.3	26.7	YB 200L ₂ -2	37		
100AY 60	100	63	2950	72	4	23.8	YB 200L ₂ -2	37	220	
100AY 60A	90	49	2950	71	3.8	16.9	YB 200L ₁ -2	30		
100AY 60B	79	38	2950	67	3.5	12.2	YB 160L-2	18.5		
100AY 120	100	123	2950	86	4.3	50.6	YB 280S-2	75		
100AY 120A	93	106	2950	82	4	44.1	YB 280S-2	75	320	
100AY 120B	85	94	2950	82	3.8	35.5	YB 250M-2	55		
100AY 120C	79	75	2950	59	3.6	27.5	YB 200L ₂ -2	37		

AY型单、双级离心油泵

AY Series Single and Double Stage Centrifugal oil Pump

泵性能参数表 Table of property parameters

性能参数 property parameters 型号 Type	流量 Capacity Q m ³ /h	扬程 Head H m	转速 Speed n r/min	效率 Efficiency η %	汽蚀 余量 NPSH m	轴功率 Shaft power Pa kw	配带电机 Motor		泵 重 Weight kg	附注 Remarks
							型 号 Type	功率 Power kw		
100AY 120 × 2	100	240	2950	81	4.5	107.2	YB 315M ₂ - 2	160	500	
100AY 120 × 2A	93	205	2950	80	4.3	86.6	YB 315M ₁ - 2	132	500	
100AY 120 × 2B	86	178	2950	59	4.2	70.7	YB 315S - 2	110	500	
100AY 120 × 2C	79	150	2950	58	4.1	55.7	YB 280S - 2	75	500	
150AY 75	180	80	2950	75	3.8	52.3	YB 280S - 2	75	290	
150AY 75A	160	68	2950	74	3.8	38.9	YB 250M - 2	55	290	
150AY 75B	145	48	2950	73	3.6	24.9	YB 200L ₂ - 2	37	290	
150AY 150	180	157	2950	69	3.6	111.6	YB 315M ₂ - 2	160	600	
150AY 150A	168	137	2950	68	3.3	92.2	YB 315M ₁ - 2	132	600	
150AY 150B	155	116	2950	67	3.2	73.1	YB 215S - 2	110	600	
150AY 150C	140	94	2950	65	3.1	55.5	YB 280S - 2	75	550	
150AY 150 × 2	180	300	2950	67	3.6	219.5	YB 355L - 2	315	1500	高压电机也可
150AY 150 × 2A	167	258	2950	65	3.2	180.5	YB 355S ₄ - 2	250	1500	
150AY 150 × 2B	155	222	2950	62	3	151.1	YB 355S ₃ - 2	220	1500	
150AY 150 × 2C	140	181	2950	60	2.9	115	YB 315M ₂ - 2	160	1500	
200AY 75	300	75	2950	79	5.5	77.6	YB 315S - 2	110	275	
200AY 75A	260	60	2950	78	5.5	54.5	YB 280S - 2	75	275	
200AY 75B	225	45	2950	77	5.5	35.8	YB 250M - 2	55	275	
200AY 150	300	150	2950	76	4.5	161	YB 355S ₃ - 2	220	620	高压电机也可
200AY 150A	270	137	2950	75	4.2	132	YB 355S ₁ - 2	185	620	
200AY 150B	243	127	2950	73	3.8	115.1	YB 315M ₂ - 2	160	620	
200AY 150C	219	112	2950	72	3.5	92.8	YB315M ₁ - 2	132	620	
200AY 150 × 2	300	300	2950	74	5.5	331.2	YB 450M ₁ - 2	450	1400	6000V
200AY 150 × 2A	287	270	2950	73	5.4	269	YB 450S ₃ - 2	400	1400	6000V
200AY 150 × 2B	270	239	2950	72	5.2	244	YB 450S ₂ - 2	355	1400	6000V
200AY 150 × 2C	247	195	2950	70	5.0	187.4	YB 355S ₄ - 2	250	1400	高压电机也可
250AY S 80	500	80	2950	82	6.5	132.8	YB 355S ₁ - 2	185	450	
250AY S 80A	440	62	2950	81	6.5	91.7	YB 315M ₁ - 2	132	450	
250AY S 80B	370	44	2950	80	6.5	55.4	YB 280M - 2	90	450	
250AY S 150	500	153	2950	79	4.8	264	YB 450S ₁ - 2	315	1500	6000V
250AY S 150A	472	136	2950	78	4.8	224	YB 355M - 2	280	1500	高压电机也可
250AY S 150B	444	119	2950	77	4.2	187	YB 355S ₄ - 2	250	1500	高压电机也可
250AY S 150C	400	96	2950	76	4	138	YB 355S ₁ - 2	185	1500	高压电机也可
250AY S 150 × 2	500	303	2950	79	4.8	522	JBO 710M ₂ - 2	630	2500	6000V
250AY S 150 × 2A	472	272	2950	79	4.5	443	JBO 710S ₂ - 2	560	2500	6000V
250AY S 150 × 2B	444	230	2950	78	4.3	357	YB 450S ₃ - 2	400	2500	6000V
250AY S 150 × 2C	400	190	2950	77	4	269	YB 450S ₁ - 2	315	2500	6000V

TL Series Desulphurization Pump

●TL系列脱硫泵



概述

TL 型脱硫泵是在 ZM 系列渣浆泵成功设计制造的经验基础上,针对我国烟气脱硫用泵的特点,吸收国内外同类产品的先进技术、精心研制的新一代高效系列脱硫泵。泵的最大流量范围可达 $12000\text{m}^3/\text{h}$, 泵的扬程一般在 100m 以下, 涵盖了所有脱硫系统用泵工况, 可用作吸收塔大型浆液循环泵及石灰石膏液输送泵、石膏浆液排出泵、回收泵、地坑泵等。

结构形式

TL 型采用卧式、单泵壳、单级单吸、托架式(或悬架式)结构。

采用挠性联轴器。

适用工况

浆液 PH 值:	2.5 ~ 13
氯离子浓度:	$\leq 60000\text{ppm}$
重量浓度:	$\leq 60\%$
介质温度:	$\leq 120^\circ\text{C}$

性能与材料特点

水力设计采用计算机 CAD 辅助设计及二相流理论设计。

泵效率高、使用寿命长、运行可靠。

过流部件采用全金属耐腐蚀铬镍合金材料, 耐磨损与耐腐蚀兼备, 表面晶间间隙小, 具有优良的耐氧化物应力腐蚀裂纹能力及更高的机械强度。

运行可靠性高, 全金属泵克服了非金属泵内衬容易出现脱落、撕裂、变形等缺点。

水力摩擦损失小, 比同参数的非金属泵效率高 3% 以上。

全金属泵任何尺寸易控制保证, 零件表面光洁度高, 部件配合间隙小, 容积效率高, 综合效率比非金属泵高 5% 以上。

过流部件使用寿命长, 金属护板承受剪切滑动磨损能力比一般非金属材料强, 能经受长期的剪切磨损。

动态抗磨性为 $0.008 \sim 0.08\text{mm}/\text{年}$, 抗拉强度高, 在长期磨蚀工况下能保持恒定的性能。

轴封型式

轴封全部采用机械密封, 我公司配带机械密封分为有轴封水型和无轴封水型两种方式。

有轴封水型

双端面机械密封, 轴封水流量为泵流量的 $0.1 \sim 1\%$, 但最小不低于 $1\text{m}^3/\text{h}$; 轴封水压力等于泵出口压力的 $1/2$ 。

无轴封水型

无水介质自冲洗型机械密封, 结构独特, 节水效果好。

型号意义



泵性能参数表 Table of property parameters

型号 Type	允许配带 最大功率 Allowable max. power of ass. motor (kW)	清水性能 Clear water performance					间断通过 最大粒度 Particle max. size handled occasionally (mm)	泵重 Pump weight (kg)
		流量Q Capacity (m³/h)	扬程H Head (m)	转速n Speed (r/min)	最高效率 Max. eff. (%)	汽蚀余量 (NPSH)r (m)		
25TL-150	5.5	4.4-19.3	6.2-34.4	1390-2900	41.8	1.3	8	89
40TL-200	15	7.9-37.1	10.7-57.7	1400-2930	53.0	0.9	7	160
40TL-250	45	16.8-74.7	13.7-88.6	1400-2950	42.5	2.0	9	185
50TL-300	18.5	16-78	6.1-36.3	700-1460	48.5	0.8	16	210
50TL-400	30	16-78	9.5-51.7	700-1470	45.1	1.2	10	320
65TL-300	22	21-99	7.0-35.6	700-1470	54.6	2.2	19	260
65TL-400	55	34-159	12.2-63.2	700-1480	62.1	2.1	16	490
80TL-360	37	41-167	8.9-47.1	700-1480	62.4	1.5	16	480
100TL-350	75	77-323	8.8-45.9	700-1480	73.2	1.9	42	550
100TL-400	75	61-288	12.0-61.0	700-1480	70.4	1.7	29	820
100TL-450	90	41-219	12.1-78.4	700-1480	51.8	2.4	24	800
150TL-400	132	122-503	11.2-61.2	700-1490	73.1	2.6	40	830
150TL-500	90	62-279	9.3-44.6	490-980	65.7	2.1	30	1470
150TL-550	132	139-630	11.3-53.7	490-990	78.1	2.3	56	1540
200TL-450	90	138-645	5.7-31.0	490-990	80.8	2.0	51	1750
300TL-600	400	580-2403	8.9-53.1	490-989	81.1	4.3	96	2790
350TL-780	500	720-2885	11.6-51.1	400-740	78.0	3.5	104	3700
500TL-850	400	1036-4080	5.7-26.8	300-591	84.7	3.1	135	4500
600TL-820	500	1664-5600	5.2-27.8	300-595	88.3	2.2	152	4900
700TL-840	630	2157-7360	5.2-24.5	300-591	88.8	2.0	168	5420
800TL-900	900	3142-9700	6.0-28.7	300-592	88.3	2.0	181	5900

注: 1. (NPSH)r 系指本样本中第二档转速时规定点之值。

2. 正常通过粒度为允许间断通过的最大粒度的 56%。

IHG(ISG) series pipeline centrifugal Pump

●IHG(ISG)系列管道离心泵



概述

IHG (ISG) 系列单级单吸管道离心泵, 是本公司科技人员联合国内水泵专家选用国内优秀水力模型, 采用IS型离心泵之性能参数, 在一般立式泵的基础上进行巧妙组合设计而成, 同时根据使用温度、介质等不同, 在IG型基础上派生出适用热水、高温、腐蚀性化工泵。该系列产品具有高效节能、噪音低、性能可靠等特点。且可根据用户需求配备防爆电机 (IRG、IHG、ISG、IHGPB等), 产品按ISO 2858标准设计制造。

特点

- 1、泵为立式结构, 进出口口径相同, 且位于同一中心线上, 可象阀门一样安装于管路之中, 外形紧凑美观, 占地面积小, 建筑投入低, 如加上防护罩可置于户外使用。
- 2、轴封采用机械密封或机械密封组合, 采用优质合金密封环、中型耐高温机械密封、硬质合金材质, 耐磨密封, 能有效地增长机械密封的使用寿命。
- 3、安装检修方便, 无需拆卸管路系统, 只要卸下泵体支架螺母即可抽出全部转子部件。
- 4、可根据使用要求即流量和扬程的需要, 采用泵的串、并联运行方式。
- 5、可根据管路布置的要求采用泵的立式或横式安装。

型号意义



IHG(ISG)系列管道离心泵性能参数见76页。

General

IHG(ISG) series single-step single-priming duct centrifugal pump, adopting domestic hydraulic model and character parameter of IS centrifugal pump, is designed on the strength of common vertical pump. In accordance with different service temperature and media, hot water, high-temperature and corrosive pump is derived from IG series, featuring high efficient energy conservation, low noise and reliable property, also can be equipped with explosion proof motor (IRG, IHG, ISG, IHGB) in need of customer and manufactured in accordance with ISO2858.

Features

1. The pump is of vertical structure, inlet and outlet with same diameter are in the same axis, can be installed with in duct like valve with compact appearance, small voering area, little construction investment, if with protection hood, which can be mounted outdoors.
2. For shaft seal, we adopt mechanical seal or mechanical combination, made of imported Ti alloy seal ring and hard alloy with wear resistance, contributing to longevity of mechanical seal.
3. Convenient installation and maintenance without disassembling piping system, entire rotor can be taken out as long as dismantling the nut of pump bracket.
4. Serial connection and parallel connection of the pump can be a lternative, depending on flow capacity and delivery lift required.
5. vertical or horizontal installation can be selected as piping arrangement requirement.

Model ISW Horizontal Centrifugal pump

●ISW型卧式离心泵



概述

ISW、ISWR、ISWD 卧式离心泵，系根据 IS 型、IR 型离心泵之性能参数，参照 ISO2858 标准，采用国内优秀水力模型进行优化设计而成。是理想的新一代卧式泵产品。

特点

1、该系列泵为卧式结构，机泵一体，外形美观。与普通卧式泵相比，占地面积减少 30%，如采用 IP54 户外电机则无需泵房可置于户外使用。

2、叶轮直径装配在电机加长轴上，使泵运行更加平稳，振动小，噪音低。

3、轴封采用优质机械密封，动、静环由新型硬质合金制成，耐磨损、无泄漏，使用寿命长。

4、叶轮、泵体采用优秀水力模型设计制造，能耗低、效率高。

5、该系列卧式泵为后开门式结构，无需拆卸管路，即可进行检修。

6、泵的出水口，能以水平向左、垂直向上、水平向右三种方式任意安装。

用途

1、ISW 型泵适用于工业和城市给排水、高层建筑增压送水、园林喷灌、消防增压、远距离输水、暖通制冷循环、浴室暖水循环增压，以及各种给水设备、锅炉的配套。供输送清水或物理、化学性质类似清水的其它液体之用，使用温度不高于 85℃。

2、ISWR 型泵适用于冶金、化工、纺织、木材加工、造纸以及饭店、浴室、宾馆、锅炉热水增压循环和城市住房采暖循环等场合，使用温度不高于 120℃。

3、ISWD 型泵适应要求环境噪声很低的情况，使用温度不高于 100℃。

General

Adopting domestic excellent hydraulic mold, ISW, ISWR, ISWD horizontal centrifugal pumps are designed on the basis of the performance parameters of IS and IR series pumps, as required by ISO2858 standard, which are the ideal product of new generation.

Features

1. This series of horizontal pump integrates motor and body as a whole, contributing to its appearance. Compared to other plain horizontal pumps, whose occupied area declines 30%.

2. Impeller is mounted on the lengthening axis, which contributes to its stable operation, small vibration and noise.

3. Mechanical sealing is adopted for shaft, dynamic and static rings are made from carbide alloy of new type, with corrosion resistance, non-leakage and longevity.

4. Impeller and pump body with little power consumed and high efficiency, adopt excellent hydraulic mold.

5. This series pump belongs to the rear-door-open structure, no need to disassemble the duct when maintaining.

6. The vent of the pump can be mounted rightward, leftward or upright at option.

Usage

1. ISW series of pump is applicable in the fields of industrial and urban water supply, pressurized water supply for high building, garden irrigation, remote water delivery for firefight, pressurized warm water circulation for bathroom, as well as diverse water supply equipments and boiler to deliver clean water and other liquid with homogeneous physical and chemical character as clean water, with temperature no more than 85℃.

2. ISWR series of pump is applied for metallurgy, chemical industry, textile, timber processing, paper making, hotel, bathroom and other occasions for pressurized water and heating supply with temperature no more than 120℃.

3. ISWD series of pump is applied under the circumstance of small noise with temperature no more than 100℃.

泵性能参数表 Table of property parameters

型 号 Type	流量 Q Capacity		扬程 Head m	效率 Eff. %	转速 Speed r/min	电机 功率 Power kW	必需汽 蚀余量 NPSH-r m	重量 Gravity kg	型 号 Type	流量 Q Capacity		扬程 Head m	效率 Eff. %	转速 Speed r/min	电机 功率 Power kW	必需汽 蚀余量 NPSH-r m	重量 Gravity kg
	m³/h	l/s								m³/h	l/s						
40-100	4.4 6.3 8.3	1.22 1.75 2.31	13.2 12.6 11.3	46 54 53	2900	0.56	2.3	34	50-125	8.8 12.5 16.3	2.44 3.47 4.53	21.5 20 17.8	49 58 57	2900	1.5	2.3	44
40-100A	3.9 5.6 7.4	1.08 1.56 2.05	10.8 10 9	52	2900	0.37	2.3	32	50-125A	6.0 11.0 14.3	2.22 3.05 4.03	17 16 14	57	2900	1.1	2.3	39
40-125	4.4 6.3 8.3	1.22 1.75 2.31	21 20 18	41 46 43	2900	1.1	2.3	35	50-160	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3.0	2.3	60
40-125A	3.9 5.6 7.4	1.08 1.56 2.05	17.6 16 14.4	45 45 41	2900	0.75	2.3	31	50-160A	5.2 11.7 15.2	2.28 3.25 4.22	29 28 26	44 51 50	2900	2.2	2.3	52
40-160	4.4 6.3 8.3	1.22 1.75 2.31	30 32 30	35 40 40	2900	2.2	2.3	50	50-180B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	50	2900	1.5	2.3	48
40-160A	4.1 5.9 7.6	1.14 1.64 2.17	29 28 26.3	34 38 38	2900	1.5	2.3	45	50-200	8.8 12.5 16.3	2.44 3.47 4.53	32 30 28	38 46 46	2900	5.5	2.3	104
40-180B	3.9 5.6 7.2	1.08 1.56 2.0	25.5 24 22.6	34 36 37	2900	1.1	2.3	40	50-200A	6.3 11.7 15.3	2.31 3.25 4.25	45.8 44 42	37 45 45	2900	4.0	2.3	92
40-200	4.4 6.3 8.3	1.22 1.75 2.31	51 50 48	26 33 32	2900	4.0	2.3	75	50-200B	7.5 10.6 13.8	2.08 2.84 3.83	37 36 34	37 44 44	2900	3	2.3	69
40-200A	4.1 5.9 7.0	1.14 1.64 2.17	49 44 42	26 31 30	2900	3.0	2.3	64	50-250	8.8 12.5 16.3	2.44 3.47 4.53	52 50 48	29 38 40	2900	11	2.3	163
40-200B	3.7 5.3 7.0	1.03 1.47 1.94	38 36 34.6	29 28 28	2900	2.2	2.3	54	50-250A	6.2 11.6 15.2	2.28 3.22 4.22	71.5 70 68	38 46 46	2900	7.5	2.3	116
40-250	4.4 6.3 8.3	1.22 1.75 2.31	82 80 74	24 28 28	2900	7.5	2.3	108	50-250B	7.6 10.8 14.0	2.11 3.00 3.92	61.4 60 58	37 46 46	2900	7.5	2.3	114
40-250A	4.1 5.9 7.6	1.14 1.64 2.17	72 70 66	24 28 27	2900	5.5	2.3	100	50-250C	7.1 10.0 13.1	1.87 2.78 3.64	53.2 52 50.4	36 46 46	2900	5.5	2.3	108
40-250B	3.8 5.3 7.0	1.06 1.53 1.94	61.5 60 56	23 27 28	2900	4.0	2.3	80	50-100(I)	17.5 25.0 32.5	4.86 6.94 9.03	13.7 12.6 10.5	67 69 69	2900	1.5	2.3	43
40-100(I)	8.8 12.5 16.3	2.44 3.47 4.53	13.2 12.6 11.3	55 52 50	2900	1.1	2.3	38	50-100(I)A	15.6 22.3 29.0	4.33 6.19 8.10	11 10 8.4	65 67 66	2900	1.1	2.3	38
40-100(I)A	8.0 11.0 14.5	2.22 3.05 4.03	10.6 10 9	60	2900	0.75	2.3	34	50-125(I)	17.5 25.0 32.5	4.86 6.94 9.03	21.5 21 18	60 66 67	2900	3.0	2.3	58
40-125(I)	8.8 12.5 16.3	2.44 3.47 4.53	21.2 20 17.6	49 58 57	2900	1.5	2.3	40	50-125(I)A	15.6 22.3 29.2	4.33 6.19 8.10	17 16 13.6	58 66 66	2900	2.2	2.5	50
40-125(I)A	8.0 11.0 14.5	2.22 3.05 4.03	17 16 14	57	2900	1.1	2.3	35	50-160(I)	17.5 25.0 32.5	4.86 6.94 9.03	34.4 32 27.5	54 58 60	2900	4.0	2.5	74
40-160(I)	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3.0	2.3	58	50-160(I)A	16.4 23.4 30.4	4.56 6.50 8.44	30 28 24	54 62 59	2900	4.0	2.5	72
40-160(I)A	8.2 11.7 15.2	2.28 3.25 4.35	29 28 26	44 51 50	2900	2.2	2.3	48	50-180(I)B	15.0 21.6 28.0	4.17 6.00 7.75	26 24 20.6	56 58 56	2900	3.0	2.5	61
40-160(I)B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	50	2900	1.5	2.3	44	50-200(I)	17.5 25.0 32.5	4.86 6.94 9.03	52.7 50 45.5	49 58 59	2900	7.5	2.5	113
40-200(I)	8.8 12.5 16.3	2.44 3.47 4.53	51.2 50 48	38 46 46	2900	5.5	2.3	87	50-200(I)A	18.4 25.3 30.5	4.58 6.53 8.47	48.4 44 40	48 57 56	2900	7.5	2.5	111
40-200(I)A	8.3 11.7 15.3	2.31 3.25 4.25	45 44 42	37 45 45	2900	4.0	2.3	75	50-200(I)B	15.2 21.8 28.3	4.22 6.06 7.80	40 38 34.5	40 55 55	2900	5.5	2.5	104
40-250(I)B	7.5 10.6 13.8	2.08 3.64 3.83	37 36 34	37 44 44	2900	3	2.3	65	50-250(I)	17.5 25.0 32.5	4.86 6.94 9.03	82 80 76.5	39 50 52	2900	15.0	2.5	180
40-250(I)	8.8 12.5 16.3	2.44 3.47 4.53	81.2 80 77.5	29 38 40	2900	11	2.3	148	50-250(I)A	16.4 23.4 30.5	4.56 6.50 8.47	71.0 70 67	39 50 52	2900	11.0	2.5	170
40-280(I)A	8.2 11.6 15.2	2.28 3.22 4.35	71 70 68	38 38 38	2900	7.5	2.3	98	50-250(I)B	15 21.6 28	4.17 6.0 7.75	61 60 57.4	38 49 54	2900	11.0	2.5	170
40-280(I)B	7.6 10.8 14.0	2.11 3.0 3.69	61.4 60 58	47	2900	7.5	2.3	97	50-315(I)	17.5 25 32.5	4.86 6.94 9.03	128 125 122	30 40 44	2900	30.0	2.5	313
40-280(I)C	7.1 10.0 13.1	1.97 2.78 3.64	53.2 52 50.4	36	2900	5.5	2.3	88	50-315(I)A	18.6 25.7 31	4.81 6.56 8.6	115 113 110	30 40 44	2900	22.0	2.5	247
50-100	8.8 12.5 16.3	2.44 3.47 4.53	13.8 12.6 11.3	55 52 50	2900	1.1	2.3	38	50-315(I)B	15.7 22.5 29.2	4.36 6.25 8.0	103 101 98	39 49 48	2900	18.5	2.5	217
50-100A	8.0 11.0 14.5	2.22 3.05 4.03	11 10 9	60	2900	0.75	2.3	37	50-315(I)C	14.4 20.6 26.8	4.0 5.72 7.44	86 85 83	38 48 48	2900	15.0	2.5	196

泵性能参数表 Table of property parameters

型 号 Type	流量 Q Capacity		扬程 Head m	效率 Eff. %	转速 Speed r/min	电机 功率 Power kW	必需汽 蚀余量 NPSHr m	重量 Gravity kg
	m³/h	l/s						
65-100	17.5	4.86	13.7	67	2900	1.5	2.5	48
	25	6.94	12.5	69				
	32.5	9.03	10.5	69				
65-100A	15.5	4.3	11	65	2900	1.1	2.5	42
	22.5	6.19	10	67				
	29	8.1	8.4	68				
65-125	17.5	4.86	21.5	60	2900	3.0	2.5	60
	25	6.94	20	63				
	32.5	9.03	18	67				
65-125A	15.5	4.33	17	56	2900	2.2	2.5	51
	22.5	6.19	16	66				
	29	8.1	14.4	65				
65-160	17.5	4.86	34.4	54	2900	4.0	2.5	77
	25	6.94	32	63				
	32.5	9.03	27.5	60				
65-160A	16.4	4.56	30	64	2900	4.0	2.5	77
	23.4	6.5	28	62				
	30.4	8.44	24	58				
65-160B	15.0	4.17	26	58	2900	3.0	2.5	64
	21.5	6.0	24	63				
	28	7.78	20.6	60				
65-200	17.5	4.86	52.7	49	2900	7.5	2.5	110
	25	6.94	50	58				
	32.5	9.03	45.5	55				
65-200A	16.4	4.56	46.4	48	2900	7.5	2.5	108
	23.5	6.53	44	67				
	30.5	8.47	40	58				
65-200B	15.2	4.22	40	55	2900	5.5	2.5	101
	21.8	6.08	38	63				
	28.3	7.85	34.5	60				
65-250	17.5	4.86	82	39	2900	15.0	2.5	185
	25	6.94	80	50				
	32.5	9.03	75.5	52				
65-250A	16.4	4.56	71.5	38	2900	11.0	2.5	173
	23.4	6.5	70	60				
	30.5	8.47	67	62				
65-250B	15	4.17	61	38	2900	11.0	2.5	173
	21.5	6.0	60	49				
	28	7.78	57.4	54				
65-315	17.5	4.86	127	32	2900	30.0	2.5	225
	25	6.94	125	40				
	32.5	9.03	122	44				
65-315A	16.8	4.61	115	32	2900	22.0	2.5	258
	23.7	6.58	113	40				
	31	8.6	110	44				
65-315B	15.7	4.36	103	39	2900	18.5	2.5	229
	22.5	6.25	101	46				
	29.2	8.0	96	54				
65-315C	14.4	4.0	86	38	2900	15.0	2.5	207
	20.6	5.72	86	46				
	26.0	7.44	83	50				
65-100(I)	35	9.72	13.5	67	2900	3.0	3.0	65
	50	13.9	12.5	73				
	65	18.1	10	70				
65-100(I)A	31.3	8.7	11	66	2900	2.2	3.0	54
	44.7	12.4	10	72				
	58	16.1	8	69				
65-125(I)	35	9.72	22	67	2900	5.5	3.0	100
	50	13.9	20	72.5				
	65	18.1	17	70				
65-125(I)A	31.3	8.7	17.5	66	2900	4.0	3.0	78
	45	12.5	16	71				
	58	16.1	13.6	69				
65-160(I)	35	9.72	36	63	2900	7.5	3.0	105
	50	13.9	32	71				
	65	18.1	28	70				
65-160(I)A	32.7	9.1	30.6	62	2900	7.5	3.0	107
	46.7	13.0	28	70				
	61	16.9	24	69				
65-160(I)B	30.3	8.4	28	60	2900	5.5	3.0	98
	43.3	12.0	24	69				
	56.3	15.6	21	65				
65-200(I)	35	9.72	53.5	55	2900	15.0	3.0	179
	50	13.9	50	67				
	65	18.1	46	66				
65-200(I)A	32.5	9.1	47	64	2900	11.0	3.0	168
	47	13.1	44	66				
	61	16.9	40	67				
65-200(I)B	30.5	8.5	40.6	65	2900	7.5	3.0	115
	43.5	12.1	38	78				
	56.5	15.7	33.4	65				
65-250(I)	35	9.72	83	52	2900	22.0	3.0	236
	50	13.9	80	59				
	65	18.1	72	60				
65-250(I)A	32.5	9.0	73	62	2900	18.5	3.0	207
	46.7	13.0	70	66				
	61	16.9	63	60				
65-250(I)B	30.3	8.4	63	60	2900	15.0	3.0	175
	43.3	12.0	58	72				
	56.3	15.6	51	65				
65-250(I)C	29	8.1	57	51	2900	22.0	3.0	277
	41	11.4	55	65				
	53.5	14.9	53	63				
65-100(II)	70	19.4	13.5	66	2900	5.5	4.5	116
	100	27.8	12.5	76				
	130	36.1	11	75				
65-100(II)A	62.8	17.4	11	64	2900	4.0	4.5	88
	89	24.7	10	74				
	116	32.2	8.8	74				
65-125(II)	70	19.4	23.5	70	2900	11.0	4.5	164
	100	27.8	20	78				
	130	36.1	14	72				
65-125(II)A	62.6	17.4	19	68	2900	7.5	4.5	114
	89	24.7	16	74				
	116	32.2	11	65				
65-160(II)	70	19.4	36.5	70	2900	15.0	4.5	187
	100	27.8	32	78				
	130	36.1	24	65				
65-160(II)A	65.4	18.2	32	68	2900	11.0	4.5	175
	93.5	26.0	28	74				
	121.6	33.8	21	67				
65-160(II)B	60.6	16.8	27	72	2900	11.0	4.5	175
	86.6	24.1	24	78				
	112.5	31.3	18	65				

泵性能参数表 Table of property parameters

型 号 Type	流量 Q Capacity		扬程 Head m	效率 Eff. %	转速 Speed r/min	电机 功率 Power KW	必需汽 蚀余量 NPSHr m	重量 Gravity kg	
	m³/h	L/s							
80-200(I)	70	19.4	54	65	2900	22.0	4.0	253	
	100	27.8	50	74					
	130	36.1	42	73					
80-200(IIA)	65.4	18.2	47.5	64	2900	18.5	4.0	221	
	93.5	26.0	44	73					
	121.6	33.8	37	72					
80-200(IIB)	61	16.9	41	71	2900	15.0	4.0	200	
	87	24.2	38						
	113	31.4	32						
80-250(I)	70	19.4	67	62	2900	37.0	4.0	338	
	100	27.8	60	69					
	130	36.1	56	67					
80-250(IIA)	65.4	18.2	76	61	2900	30.0	4.0	317	
	93.5	26.0	70	68					
	121.6	33.8	59.5	67					
80-250(IIB)	61	16.9	65	60	2900	30.0	4.0	317	
	87	24.2	60						
	113	31.4	51						
80-315(I)	70	19.4	132	55	2900	75.0	4.0	680	
	100	27.8	125	65					
	130	36.1	114	67					
80-315(IIA)	65.4	18.2	119	55	2900	55.0	4.0	537	
	93.5	26.0	113	60					
	121.6	33.8	103	67					
80-315(IIB)	63	17.5	106.6	65	2900	45.0	4.0	425	
	90	25	101						
	117	32.5	92						
80-315(IIC)	58	16.1	90	63	2900	37.0	4.0	370	
	82	22.8	85						
	107	29.7	76						
100-100	70	19.4	13.8	68	2900	5.5	4.5	115	
	100	27.8	12.5	76					
	130	36.1	11	75					
100-100A	62.6	17.4	11	64	2900	4.0	4.5	92	
	89	24.7	10	74					
	116	32.2	8.8	74					
100-125	70	19.4	23.5	70	2900	11.0	4.5	173	
	100	27.8	20	78					
	130	36.1	14	65					
100-125A	62.6	17.4	19	68	2900	7.5	4.5	120	
	89	24.7	18	74					
	116	32.2	11	65					
100-160	70	19.4	36.5	70	2900	15.0	4.5	196	
	100	27.8	32	75					
	130	36.1	24	65					
100-160A	65.4	18.2	32	68	2900	11.0	4.5	162	
	93.5	26.0	28	74					
	121.6	33.8	21	67					
100-160B	60.6	16.8	27	72	2900	11.0	4.5	162	
	86.5	24.1	24						
	112.5	31.3	18						
100-200	70	19.4	54	65	2900	22.0	4.0	248	
	100	27.8	50	74					
	130	36.1	42	73					
100-200A	65.4	18.2	47.5	64	2900	18.5	4.0	216	
	93.5	26.0	44	73					
	121.6	33.8	37	72					
100-200B	61	16.9	41	71	2900	15.0	4.0	196	
	87	24.2	38						
	113	31.4	32						
100-250	70	19.4	87	62	2900	37.0	4.0	348	
	100	27.8	80	69					
	130	36.1	68	68					
100-250A	65.4	18.2	76	61	2900	30.0	4.0	292	
	93.5	26.0	70	68					
	121.6	33.8	59.5	67					
100-250B	61	16.9	65	60	2900	30.0	4.0	332	
	87	24.2	60						
	113	31.4	51						
100-315	70	19.4	132	55	2900	75.0	4.0	686	
	100	27.8	125	65					
	130	36.1	114	67					
100-315A	65.4	18.2	119	55	2900	55.0	4.0	552	
	93.5	26.0	113	60					
	121.6	33.8	103	67					
100-315B	63	17.5	106.6	65	2900	45.0	4.0	442	
	90	25.0	101						
	117	32.5	92						
100-315C	58	16.1	90	63	2900	37.0	4.0	387	
	82	22.8	85						
	107	29.7	76						
125-100	96	26.7	13	62	2900	11.0	4.0	186	
	160	44.4	12.5						
	192	53.3	12						
125-100A	86	23.9	10.4	77	2900	7.5	4.0	130	
	143	39.7	10						
	172	47.8	9.5						
125-125	96	26.7	22.0	80	2900	15.0	4.0	227	
	160	44.4	20						
	192	53.3	17						
125-125A	86	23.9	18	77	2900	11.0	4.0	215	
	143	39.7	16						
	172	47.8	13.8						
125-160	96	26.7	36	78	2900	22.0	4.0	272	
	160	44.4	32						
	192	53.3	29						
125-160A	90	25	31.5	78	2900	18.5	4.0	216	
	152	41.7	28						
	180	50	24.5						
125-160B	83	21.7	27	73	2900	15.0	4.0	220	
	138	38.3	24						
	168	46.1	21						
125-200	96	26.7	55	77	2900	37.0	5.5	403	
	160	44.4	50						
	192	53.3	45						
125-200A	90	25	48.4	78	2900	30.0	5.5	365	
	150	41.7	44						
	180	50	40.5						
125-200B	83	21.7	41.3	75	2900	22.0	5.5	328	
	138	38.3	37.5						
	168	46.1	34.5						
125-250	96	26.7	87	75	2900	55.0	5.0	525	
	160	44.4	80						
	192	53.3	73						
125-250A	90	25	76	74	2900	45.0	5.0	485	
	150	41.7	70						
	180	50	64						
125-250B	83	21.7	65	73	2900	37.0	5.0	424	
	138	38.3	60						
	168	46.1	55						
125-315	96	26.7	132	70	2900	90.0	5.0	799	
	160	44.7	125						
	192	53.3	119						
125-315A	90	25	117	70	2900	75.0	5.0	716	
	150	41.7	110						
	180	50	104.6						
125-315B	86	24	106.4	68	2900	75.0	5.0	712	
	143	39	100						
	172	48	95.2						
125-315C	80.5	22.4	96	67	2900	55.0	5.0	590	
	134	37.2	88						
	181	44.7	88						
150-200	140	38.9	13.8	68	2900	1450	15.0	5.0	270
	200	55.6	12.5	78					
	280	72.2	10.6	79					
150-200A	125	34.7	11	68	2900	1450	11.0	3.0	248
	179	49.7	10	78					
	232.5	64.6	8.5	76					
150-250	140	38.9	21.8	73	2900	1450	18.5	3.0	307
	200	55.6	20	79					
	280	72.2	17	77					
150-250A	129	35.8	18.5	72	2900	1450	15.0	3.0	268
	184.4	51.2	17	79					
	240	66.7	14.4	76					
150-250B	117	32.5	15.2	75	2900	1450	11.0	3.0	245
	167	46.4	14						
	217.5	60.4	12						
150-315	140	38.9	33.8	70	2900	1450	30.0	3.5	415
	200	55.6	32	78					
	280	72.2	28	73					
150-315A	131	36.4	29.6	68	2900	1450	22.0	3.5	340
	187	51.9	26	77					
	243	67.5	24.5	77					
150-315B	121	33.8	25	75	2900	1450	18.5	3.5	320
	173	48.1	24						
	225	62.5	21						
150-400	140	38.9	53	68	2900	1450	45.0	3.5	485
	200	55.6	50	75					
	280	72.2	44	71					
150-400A	131	36.4	46.5	67	2900	1450	37.0	3.5	480
	187	51.9	44						
	243	67.5	38.3	70					
150-400B	122	33.9	40	73	2900	1450	30.0	3.5	460
	174	48.3	38						
	225.5	62.9	33						
160-400C	112	31.1	34	71	2900	1450	22.0	3.5	370
	160	44.4	32						
	206	57.8	28						
180-250(I)	120	33.3	67	65	2900	75.0	4.5	705	
	200	55.6	60	76					
	240	66.7	72	74					
180-250(IIA)	112	31.1	78	64	2900	55.0	4.5	555	
	187	51.9	70	75					
	224	62.2	63	73					

泵性能参数表 Table of property parameters

型 号 Type	流量 Q Capacity		扬程 Head m	效率 Eff. %	转速 Speed r/min	电机 功率 Power KW	必需汽 蚀余量 NPSHr m	重量 Gravity kg
	m³/h	l/s						
150-250(I)B	104	28.9	85	63	2900	45.0	4.5	493
	175	48.1	80	74				
	208	57.8	54	72				
150-315(I)	120	33.3	133	58	2900	110.0	4.5	585
	200	55.6	125	73				
	240	66.7	120	75				
150-315(I)A	112	31.3	118	57	2900	90.0	4.5	505
	187	51.9	110	72				
	224	62.2	105	74				
150-315(I)B	104	28.9	100	55	2900	75.0	4.5	730
	175	48.1	95	70				
	208	57.8	91	72				
200-200	140	38.9	13.8	68	1450	15.0	3.0	272
	200	55.6	12.5	78				
	260	72.2	10.6	79				
200-200A	125	34.7	11	65	1450	11.0	3.0	250
	179	49.7	10	75				
	232.5	64.6	8.5	76				
200-250	140	38.9	21.8	73	1450	18.5	3.0	312
	200	55.6	20	79				
	260	72.2	17	77				
200-250A	120	33.3	18.5	72	1450	15.0	3.0	272
	184.4	51.2	17	78				
	240	66.7	14.4	79				
200-250B	117	32.5	15.2	75	1450	11.0	3.0	250
	167	46.4	14	76				
	217.5	60.4	12	76				
200-315	140	38.9	33.8	70	1450	30.0	3.5	425
	200	55.6	32	78				
	260	72.2	28	78				
200-315A	131	36.4	29.5	69	1450	22.0	3.5	348
	187	51.9	28	77				
	243	67.5	24.5	77				
200-315B	121	33.8	25	75	1450	18.5	3.5	328
	173	48.1	24	76				
	225	62.5	21	76				
200-400	140	38.9	53	88	1450	45.0	3.5	505
	200	55.6	50	75				
	260	72.2	44	71				
200-400A	131	36.4	46.5	67	1450	37.0	3.5	488
	187	51.9	44	74				
	243	67.5	38.3	70				
200-400B	122	33.9	40	73	1450	30.0	3.5	450
	174	48.3	36	73				
	225.5	62.9	33	73				
200-400C	112	31.3	34	71	1450	22.0	3.5	380
	180	44.4	32	71				
	208	57.8	28	71				
200-200(I)	280	77.8	13.4	70	1450	22.0	4.0	390
	400	111.1	12.5	80				
	520	144	10.5	79				
200-200(I)A	250	68.4	10.7	68	1450	15.0	4.0	370
	358	99.4	10	78				
	465	129.2	8.5	77				
200-250(I)	280	77.8	22.2	75	1450	30.0	4.0	483
	400	111.4	20	80				
	520	144	14	72				
200-250(I)A	250	68.4	18	75	1450	22.0	4.0	411
	358	99.4	16	78				
	465	129.2	11.2	70				
200-250(I)B	225	62.5	14.4	72	1450	15.0	4.0	370
	320	88.9	13	78				
	415	115.6	11	77				
200-400(I)	280	77.8	54.5	75	1450	75.0	4.0	840
	400	111.4	50	81				
	520	144	39	77				
200-400(I)A	252	70.0	48	80	1450	75.0	4.0	840
	374	103.9	44	84				
	486	135	34	84				
200-400(I)B	242	67.2	41.4	78	1450	55.0	4.0	803
	348	96.1	38	78				
	450	125	29.6	78				
200-400(I)C	224	62.2	34.9	76	1450	45.0	4.0	590
	320	88.9	32	76				
	415	115.6	25	76				
300-235	480	133.3	20	77	970	55.0	5.0	1135
	720	200	15	81				
	900	250	15.5	74				
300-235A	438	121.7	18.5	75	970	45.0	5.0	1040
	607	168.5	15	79				
	821	228.1	13	72				
300-235B	400	111.1	14	79	970	37.0	5.0	900
	600	167.0	12.5	77				
	750	208.3	11	70				
300-300	480	133.3	31	77	970	75.0	5.0	1370
	720	200	28	81				
	900	250	25	77				
300-300A	444	123.3	28.5	75	970	75.0	5.0	1370
	666	185	24	80				
	833	231.4	21.5	78				
300-300B	415	115.9	25	79	970	55.0	5.0	1190
	623	173.1	21	79				
	779	216.4	18.5	76				
300-380	480	133.3	48	84	970	132.0	5.0	1830
	720	200	44	84				
	900	250	34	84				
300-380A	444	123.3	41.4	80	970	110.0	5.0	1725
	666	185	38	80				
	833	231.4	30	80				
300-380B	409	113.6	35	78	970	90.0	5.0	1650
	614	170.8	32	78				
	767	213.1	25	78				
300-235(I)	718	199.4	44.6	82	970	160.0	5.5	1800
	1080	300	40	82				
	1345	373.6	34.6	82				
300-235(I)A	642	178.3	35.7	80	970	132.0	5.5	1470
	965	268.1	32	80				
	1203	334.2	27.7	80				

ZM、ZML (slag) series slurry Pump

●ZM、ZML系列渣浆泵



概述

ZM 型渣浆泵是一种单级单吸悬臂卧式离心泵，在结构上吸收了国内外同类产品的优点而设计的，该泵便于安装、拆卸检修方便。

泵头部分：ZM 渣浆泵为双泵壳结构，即前、后泵壳、前护板、后护板、护套、轴套组成。过流部分采用 JM3 制造，前、后泵壳由灰铸铁或球墨铸铁制造。泵的吐出口位置可根据需要，按 45° 间隔，旋转八个不同的角度安装使用，并可根据用户要求的角度安装，叶轮前后盖板有背叶片以减少泄漏，提高泵的寿命及效率。

轴封部分：轴封有两种型式，副叶轮轴封及填料轴封。副叶轮轴封具有不稀释矿浆、密封使用寿命长、密封效果好等优点。填料密封结构简单，维修方便。

传动部分：ZM 型渣浆泵可采用直接驱动，轴承座合轴承体组件结构强度高，泵轴直径大，刚性好，悬臂短，在恶劣的工况下不会弯曲和振动。轴承选用重型单列圆锥滚子轴承，能够承受泵的轴向和径向载荷。轴承采用油脂润滑。轴承体两端有轴承压盖，内有密封圈，能有效防止矿浆进入和润滑油的外泄，保证轴承安全运行。可根据用户要求，轴承传动部位采用对开式，用稀油润滑，降低轴温。

General

As a single-stage-single-suction horizontal cantilever one, model ZM(slag) slurry pump is designed through absorbing advantages of similar products from home and abroad. It is convenient to install and easy to disassemble and repair.

The pump head part: model ZM(slag) slurry pump has double pump casings in structure. That is to say, it is made up of front pump casing, back pump casing, front guard plate, back guard plate, sheathing, shaft casing. The flow contact parts are made of JM3 materials, while the front and back pump casings are made of gray cast-iron or nodular cast iron. The outlets of the pump can be installed at the interval of 45°, at eight angles, according to user's requirements. At the front and back cover plates there are back blades to lower leakage, so as extend the life and increase efficiency of the pump.

The shaft seal part: the shaft seal has two forms: shaft seal of auxiliary blade wheel and filling seal. The shaft seal of auxiliary blade wheel is featured with not thinning ore slurry, long life of seal and good effect of seal, etc. The filling seal has simple structure and is convenient to repair.

Drive part: Model ZM(slag) slurry pump can be directly driven. The bearing support, in combination with bearing body, has high strength in structure, big diameter of pump shaft, good flexibility, and short cantilever. Even if in bad working conditions, no bending and vibration can arise. Because of using heavy single-line cone roller bearing, it can stand axial and radial loads of the pump. The shaft is lubricated with oil. At both ends of the bearing body there are bearing covers, inside of which there is seal ring. The ring can effectively protect ore slurry from penetration and the lubricating oil from leaking. This can make sure that the bearing can run safely. In accordance with users' requirements, the drive part of the bearing can be in double-open type, and lubricated with thin oil. This can lower the temperature of the shaft.

泵性能参数表 Table of property parameters

型 号 Model	扬程 m Head	流量 Q Capacity		转速 Speed (r.p.m/ h)	配用功率 Motor power (kW)	允许吸上高度 Permissible suctioned height (m)	效率 Efficiency %
		m ³ / h	L/ S				
100ZM - 25	20 - 30	150 - 200	41.6 - 55.5	1450	45	5.5	65 - 67
100ZM - 25A	25 - 35	200 - 250	55.5 - 69.4	1450	45	5.5	65 - 67
100ZM - 40	35 - 45	180 - 200	50 - 55.5	1450	55	5.5	43 - 48
100ZM - 40A	40 - 50	200 - 250	55.5 - 69.4	1450	75	5.5	70 - 75
100ZM - 45	40 - 50	150 - 180	41.6 - 50	1450	55	5	50 - 60
100ZM - 70	65 - 75	200 - 250	55.5 - 69.4	1450	110	5.5	55 - 60
100ZM - 90	80 - 90	120 - 180	33.3 - 50	1450	110	5.5	50 - 55
150ZM - 32	32 - 38	300 - 320	83.3 - 89	980	75	5.5	70 - 73
150ZM - 32A	32 - 38	420 - 450	116.6 - 125	980	90	5	70 - 73
150ZM - 50	50 - 60	250 - 320	69.4 - 89	980	90	5	67 - 70
150ZM - 50A	50 - 60	400 - 450	111.1 - 125	980	132	5	67 - 70
150ZM - 80	90 - 75	250 - 300	69.4 - 85	980	132	5	60 - 62
150ZM - 100	90 - 105	400 - 450	116.6 - 125	980	250	5	60 - 62
200ZM - 45	40 - 50	480 - 550	133.3 - 152.7	980	132	5.5	70 - 75
200ZM - 45A	40 - 50	680 - 750	188.9 - 208.3	980	185	5.5	75 - 78
200ZM - 75	70 - 80	450 - 550	125 - 153.7	980	250	5.5	70 - 75
200ZM - 75A	70 - 80	650 - 750	180.5 - 208.3	980	300	5.5	70 - 75
200ZM - 95	100 - 90	480 - 580	133.3 - 161.1	980	320	5.5	55 - 58
250ZM - 50	50 - 60	650 - 700	180.5 - 194	980	185	5.5	76 - 80
250ZM - 50A	50 - 60	950 - 1000	263.9 - 277.7	980	280	5.5	75 - 80
250ZM - 85	50 - 80	630 - 700	175 - 194.4	980	320	5.5	70 - 72
250ZM - 85A	80 - 90	930 - 1000	258.3 - 277.7	980	450	5.5	70 - 73
250ZM - 100	90 - 100	1000 - 1200	277.7 - 333.3	980	560	5.5	60 - 65
300ZM - 40	40 - 45	1100 - 1200	305.5 - 333.3	730	270	4	75 - 80
300ZM - 60	60 - 67	1500 - 1600	416.7 - 444.4	730	480	4.5	75 - 80

D、DG Type Multi-stages centrifugal pump

●D、DG型多级离心泵



概述

D、DG 型多级离心泵是卧式单吸多级节段式离心泵。根据泵用材料的不同可以输送清水(含杂质质量小于 1%)及物理性质类似清水的其它腐蚀性液体。普通材料 D、DG 型泵输送的介质温度不大 80℃,适用于矿山和工厂、城市供水;特殊材料 D、DG 型泵适用于石油、化工、电力、冶金、制药、环保等行业输送中性或有腐蚀性、清洁或含少量固体颗粒的液体。

General

Type D、DG multi-grade pump is a horizontal single-absorbing multi-section centrifuge one which to transfer clean water (impurity less than 1%) and the other corrosive liquid whose physic features is similar to clean water according to different raw materials. D、DG type pump made by common materials is only to transfer the medias whose temp. no more than 80℃, and one by special materials, the neutral or little corrosive liquid, or clean or little particle's one in the line of chemical, pharmaceutical, petrol, metallurgy, and environment, etc.

泵性能参数表 Table of property parameters

型号 Type	转速 Speed (r/min)	流量 Capacity		扬程 Head (m)	效率 Efficiency η(%)	功率 Power (kw)		必需汽 蚀余量 (NPSH) _r (m)	型号 Type	转速 Speed (r/min)	流量 Capacity		扬程 Head (m)	效率 Efficiency η(%)	功率 Power (kw)		必需汽 蚀余量 (NPSH) _r (m)
		m ³ /h	l/s			轴功率 shaft power	电机功率 motor power				m ³ /h	l/s			轴功率 shaft power	电机功率 motor power	
D、DG8-25×3	2950	6.3	1.75	75	45	2.86	5.5	2.0	D、DG12-25×12	2950	12.5	3.47	225	54	14.18	18.5	2.0
D、DG8-25×4	2950	6.3	1.75	100	45	3.81	7.5	2.0	D、DG12-25×10	2950	12.5	3.47	250	54	15.76	22	2.0
D、DG8-25×5	2950	6.3	1.75	125	45	4.77	7.5	2.0	D、DG12-25×11	2950	12.5	3.47	275	54	17.34	22	2.0
D、DG8-25×6	2950	6.3	1.75	150	45	5.72	11	2.0	D、DG12-25×12	2950	12.5	3.47	300	54	18.9	30	2.0
D、DG8-25×7	2950	6.3	1.75	175	45	6.67	11	2.0	D、DG25-30×3	2950	25	6.94	90	62	9.88	15	2.2
D、DG8-25×8	2950	6.3	1.75	200	45	7.63	15	2.0	D、DG25-30×4	2950	25	6.94	120	62	13.1	18.5	2.2
D、DG8-25×9	2950	6.3	1.75	225	45	8.62	15	2.0	D、DG25-30×5	2950	25	6.94	150	62	16.47	22	2.2
D、DG8-25×10	2950	6.3	1.75	250	45	9.53	18.5	2.0	D、DG25-30×6	2950	25	6.94	180	62	19.77	30	2.2
D、DG8-25×11	2950	6.3	1.75	275	45	10.5	18.5	2.0	D、DG25-30×7	2950	25	6.94	210	62	23.1	30	2.2
D、DG8-25×12	2950	6.3	1.75	300	45	11.44	18.5	2.0	D、DG25-30×8	2950	25	6.94	240	62	26.4	37	2.2
D、DG12-25×3	2950	12.5	3.47	75	54	47.73	7.5	2.0	D、DG25-30×9	2950	25	6.94	270	62	29.65	37	2.2
D、DG12-25×4	2950	12.5	3.47	100	54	6.30	11	2.0	D、DG25-30×10	2950	25	6.94	300	62	32.9	45	2.2
D、DG12-25×5	2950	12.5	3.47	125	54	7.88	11	2.0	D、DG46-30×3	2950	46	12.8	90	71	16.11	22	3.0
D、DG12-25×6	2950	12.5	3.47	150	54	9.46	15	2.0	D、DG46-30×4	2950	46	12.8	120	70	21.48	30	3.0
D、DG12-25×7	2950	12.5	3.47	175	54	11.0	15	2.0	D、DG46-30×5	2950	46	12.8	150	70	26.85	37	3.0
D、DG12-25×8	2950	12.5	3.47	200	54	12.51	18.5	2.0	D、DG46-30×6	2950	46	12.8	180	70	32.21	37	3.0

D、DG型多级离心泵

D、DG Type multi-stages centrifugal pump

泵性能参数表 Table of property parameters

型 号 Type	转 速 Speed (r/min)	流量 Capacity		扬程 Head (m)	效率 Efficiency η (%)	功率 Power (kw)		必需汽 蚀余量 (NPSH) _r (m)	型 号 Type	转 速 Speed (r/min)	流量 Capacity		扬程 Head (m)	效率 Efficiency η (%)	功率 Power (kw)		必需汽 蚀余量 (NPSH) _r (m)
		m ³ /h	L/s			轴功率 shaft power	电机功率 motor power				m ³ /h	L/s			轴功率 shaft power	电机功率 motor power	
D, DG46-30×7	2950	46	12.8	210	70	37.58	45	3.0	D, DG155-30×9	2950	155	43	270	77	147.76	180	3.2
D, DG46-30×8	2950	46	12.8	240	70	42.95	55	3.0	D, DG155-30×10	2950	155	43	300	77	164.20	225	3.2
D, DG46-30×9	2950	46	12.8	270	70	48.32	55	3.0	D, DG155-67×3	2950	155	43	201	74	114.7	132	5.0
D, DG46-30×10	2950	46	12.8	300	70	53.69	75	3.0	D, DG155-67×4	2950	155	43	268	74	152.9	185	5.0
D, DG46-50×3	2950	46	12.8	150	63	29.60	37	2.8	D, DG155-67×5	2950	155	43	335	74	191.1	220	5.0
D, DG46-50×4	2950	46	12.8	200	63	39.77	45	2.8	D, DG155-67×6	2950	155	43	402	74	229.3	280	5.0
D, DG46-50×5	2950	46	12.8	250	63	49.71	55	2.8	D, DG155-67×7	2950	155	43	468	74	267.5	350	5.0
D, DG46-50×6	2950	46	12.8	300	63	59.65	75	2.8	D, DG155-67×8	2950	155	43	536	74	305.7	350	5.0
D, DG46-50×7	2950	46	12.8	350	63	69.6	90	2.8	D, DG155-67×9	2950	155	43	603	74	344	440	5.0
D, DG46-50×8	2950	46	12.8	400	63	79.54	90	2.8	D, DG280-43×2	1480	280	77.8	86	77	85.17	110	4.0
D, DG46-50×9	2950	46	12.8	450	63	89.48	110	2.8	D, DG280-43×3	1480	280	77.8	129	77	127.7	150	4.0
D, DG46-50×10	2950	46	12.8	500	63	99.42	110	2.8	D, DG280-43×4	1480	280	77.8	172	77	170.3	230	4.0
D, DG46-50×11	2950	46	12.8	550	63	109.36	132	2.8	D, DG280-43×5	1480	280	77.8	215	77	212.9	300	4.0
D, DG46-50×12	2950	46	12.8	600	63	119.3	132	2.8	D, DG280-43×6	1480	280	77.8	258	77	255.5	300	4.0
D, DG85-45×2	2950	85	23.6	90	72	28.94	37	4.2	D, DG280-43×7	1480	280	77.8	301	77	298.1	350	4.0
D, DG85-45×3	2950	85	23.6	135	72	43.4	55	4.2	D, DG280-43×8	1480	280	77.8	344	77	304.7	410	4.0
D, DG85-45×4	2950	85	23.6	180	72	57.67	75	4.2	D, DG280-43×9	1480	280	77.8	387	77	363.2	430	4.0
D, DG85-45×5	2950	85	23.6	225	72	72.34	90	4.2	D, DG280-65×6	1480	280	77.8	380	73	407.4	500	3.0
D, DG85-45×6	2950	85	23.6	270	72	86.81	110	4.2	D, DG280-65×7	1480	280	77.8	455	73	475.3	680	3.0
D, DG85-45×7	2950	85	23.6	315	72	101.3	132	4.2	D, DG280-65×8	1480	280	77.8	520	73	543.2	680	3.0
D, DG85-45×8	2950	85	23.6	360	72	115.7	132	4.2	D, DG280-65×9	1480	280	77.8	585	73	611.1	850	3.0
D, DG85-45×9	2950	85	23.6	405	72	130.2	160	4.2	D, DG280-65×10	1480	280	77.8	650	73	679	850	3.0
D, DG155-30×2	2950	155	43	60	77	32.84	55	3.2	D, DG450-80×3	1480	450	125	180	79	229.2	380	4.2
D, DG155-30×3	2950	155	43	90	77	49.26	75	3.2	D, DG450-80×4	1480	450	125	240	79	372.3	500	4.2
D, DG155-30×4	2950	155	43	120	77	65.68	90	3.2	D, DG450-80×5	1480	450	125	300	79	465.4	680	4.2
D, DG155-30×5	2950	155	43	150	77	82.10	110	3.2	D, DG450-80×6	1480	450	125	360	79	558.5	680	4.2
D, DG155-30×6	2950	155	43	180	77	98.52	132	3.2	D, DG450-80×7	1480	450	125	420	79	651.5	850	4.2
D, DG155-30×7	2950	155	43	210	77	114.97	160	3.2	D, DG450-80×8	1480	450	125	480	79	744.6	850	4.2
D, DG155-30×8	2950	155	43	240	77	131.36	180	3.2	D, DG450-80×9	1480	450	125	540	79	837.7	1050	4.2
									D, DG450-80×10	1480	450	125	600	79	930.8	1050	4.2

FSB、FSB-L Series fluorin Plastic Pump

●FSB、FSB-L型氟塑料泵



概述

FSB 泵采用特种泵工艺加工制造。适合于在 $-85^{\circ}\text{C} \sim 200^{\circ}\text{C}$ 条件下, 长期输送任意浓度的任意介质酸、氧化剂及腐蚀性介质。广泛应用于化工、石油、制药、农药、染料、油漆、冶炼、造纸、电镀、电力、食品等行业。

过流部分全部采用氟合金 (聚四氟乙烯和聚全氟乙丙烯等多种氟材料经过合理配方) 模压、加工而成, 具有较强的耐腐蚀性、机械强度高、不老化、无毒素分解等优点。

FSB 系列产品的生产、制造及验收规范, 严格执行了有关标准规定, 并台台检测, 备案待查。其机械密封由英国格兰公司与国内联合制造, 性能十分可靠, 维修方便, 节约能源, 是杜绝跑、冒、滴、漏建设文明工厂的理想防腐输送设备。

General

FSB pump is made according to special pump arts and crafts. It transports lengthly random density acid, oxidation and corrosive medium. It is widely used in chemical, petro - chemical, medicine, pesticide, dyeing, painting, metallurgy, paper making, plating, power station, food industry.

The parts which liquids passed use fluorin alloy, which have the advantages of high corrosive, strong mechanism, no aged, no poison decomposed.

The production, making and inspection of FSB series products strictly carry out relate standard, test every pump and remarked. Mechanical seal is made by Gelan company, performance reliable, repair convenience, power saving. It is perfect corrosive transporting equipment because of no emitting, dropping, leakage.

泵性能参数表 Table of property parameters

规格型号 Model	流量 m ³ /h Capacity	扬程 m Head	口径 caliber		配用电机 KW Motor power	转速 r/min Speed	吸上高度 m Vacuum high	效率 % Efficiency
			吸入 mm Suck	吐出 mm Spit out				
25FSB-10L	1.5	10	25	20	1.5	2900	6	29
25FSB-18L	3.6	18	25	20	2.2-3	2900	6	27
40FSB-15L	5	15	40	32	3	2900	6	40
40FSB-20L	10	20	40	32	3	2900	6	42
40FSB-30L	10	30	40	32	3-4	2900	6	38
40FSB-40L	10	40	40	32	4-5.5	2900	5.5	35
40FSB-50L	10	50	40	32	5.5-7.5	2900	5	33
50FSB-20L	15	20	50	40	3-4	2900	6	51
50FSB-25L	15	25	50	40	4	2900	6	49
50FSB-30L	15	30	50	40	4	2900	6	44.5
50FSB-40L	15	40	50	32	4.5-5.5	2900	5.5	35
50FSB-50L	15	50	50	32	5.5-7.5	2900	5.5	33
50FSB-63L	15	63	50	32	11	2900	5.5	30
65FSB-32L	29	32	65	50	5.5	2900	6	57
65FSB-40L	29	40	65	40	11	2900	5.5	53
65FSB-50L	29	50	65	40	15	2900	5.5	46
65FSB-64L	29	64	65	50	15-18.5	2900	5.5	44
80FSB-20L	50	20	80	65	5.5	2900	6	69
80FSB-30L	50	30	80	65	7.5	2900	5.5	64
80FSB-34L	50	34	80	65	11	2900	5.5	64
80FSB-40L	50	40	80	50	11-15	2900	5.5	60
80FSB-50L	50	50	80	50	15-18.5	2900	6	53
80FSB-55L	50	55	80	50	15-18.5	2900	5.5	47
80FSB-80L	50	80	80	50	30-37	2900	5.5	36
100FSB-32L	100	32	100	80	18.5-22	2900	5.5	70
100FSB-40L	100	40	100	80	18.5-22	2900	5.5	70
100FSB-50L	100	50	100	65	22-30	2900	5.5	62
125FSB-32L	125	32	125	80	22	2900	5.5	72
125FSB-40L	125	40	125	80	30	2900	5.5	70.9
125FSB-50L	125	50	125	100	37	2900	5.5	64
150FSB-22L	190	22	150	100	18.5	1450	6	77
150FSB-35L	190	35	150	100	30	1450	5	75
150FSB-42L	190	42	150	100	55	1450	4.5	70
200FSB-20L	200	20	200	150	37	1450	3	81
200FSB-32L	200	32	200	150	55	1450	3	79

FZB、FZB-L Series

Fluorinplastic Alloy self-priming Pump

●FZB、FZB-L系列氟塑料合金自吸泵



概述

FZB□-□-□、FZB□-□-□(L)型氟塑料合金自吸泵式耐腐蚀离心泵,是我公司研制开发的一种集多种特优点高新技术的产品,改变了原传统式用止回阀受到输送介质的限制和止回阀易损坏的缺点,提高了自吸时间及自吸高度,外型美观、结构简单、安装拆卸方便、维修率低,使用寿命长,输送介质范围广。

泵的过流部位采用 F50-1、F50-2 两种氟塑料合金制造,具有特强的耐腐蚀性和抗氧化性,对目前已知的化学介质都能使用。使用温度可在 -40°C $+120^{\circ}\text{C}$ 范围内使用。

General

FZB□-□-□ and FZB□-□-□(L) type fluoroplastic alloy self-priming corrosion resistance centrifugal pump are high and new-technology products researched and developed by our company, which avoid the defections that the traditional check valve confined by the conveying meditional and easy damage of flapper, it reduces the self-priming time and improves the self-priming height, with attractive appearance, simple structure, easy for installation and dismounting, low maintenance cost, and long service life.

The parts of pump where liquid is flowing by are fabricated with F50-1 or F50-2 fluoroplastic alloy, with special strong corrosion resistance and inoxidizability, suit for existing chemical mediator, and the working temperature scope is $40^{\circ}\text{C} + 120^{\circ}\text{C}$.

性能参数表 Table of Property Parameters

规格型号 Model	流量(m^3/h) Capacity	扬程(m) Head	口径 Caliber		配用电机(KW) motor	转速(r/min) speed	效率(%) Efficiency
			进口(mm) Inlet	吐出(mm) Outlet			
25FZB-18L	1.5	10	25	20	2.2	2900	29
40FZB-25L	8	25	40	32	2.2	2900	52
40FZB-30L	8	30	40	32	3	2900	49
50FZB-25L	12	25	50	40	3	2900	50
50FZB-30L	12	30	50	40	4	2900	49
65FZB-25L	25	25	65	50	5.5	2900	58
65FZB-30L	25	30	65	50	7.5	2900	56.8
80FZB-25L	50	25	80	65	7.5	2900	60
80FZB-30L	50	30	80	65	7.5	2900	59.9
100FZB-30L	100	30	100	80	15	2900	58
100FZB-40L	100	40	100	80	18.5	2900	59

IHF Series fluorin plastic chemical centrifugal Pump

●IHF系列氟塑料化工离心泵



概述

IHF 型衬氟化工离心泵为单级单吸式离心泵，参照国际标准 ISO2858 标准设计。介质过流部分的材料采用 FEP、PVDF 等材料。

具有耐高温强腐蚀性能，广泛适用于化工、制药、石油、冶金、冶炼、电力、电镀、印染、农药、造纸、食品、化纤等行业在 $-85^{\circ}\text{C} \sim 200^{\circ}\text{C}$ 温度条件下长期输送任意浓度的各种酸、液碱、强氧化剂等多种腐蚀性介质。

型号意义

IH F 50 - 32 - 200 A

叶轮外径第一次切割 Primary cutting of impeller external diameter

叶轮名义直径 (mm) Nominal diameter of blade wheel

泵出口直径 (mm) Outlet diameter

泵进口直径 (mm) Inlet diameter

泵过流部分材质 (F₄₆) Material of flow parts

国际标准化化工泵系列产品

International standard chemical centrifugal pump

General

IHF fluorin plastic chemical centrifugal pump is single-stage single-suction pump, it is designed according to standard of ISO2858. The parts where liquids passed use FEP, PVDF material. It endures high temperature and corrosive, and widely used in chemical, medicine, petrochemical, metallurgy, power station, plating, printing and dyeing, pesticide, paper making, food industry, synthetic fibre industry. It transports random density acid, alkali and strong oxidant corrosive mediums whose temperature is from $-85^{\circ}\text{C} \sim 200^{\circ}\text{C}$.

泵性能参数表 Table of property parameters

型 号 Model	流量 Q Capacity (m ³ /h)	扬程 Head (m)	轴功率 Shaft power (kw)	效 率 Efficiency (%)	转速 Speed (r.p.m)	必需汽蚀余量 NPSHr (m)	配带功率 * Motor power (kw)
IHF32-25-140	6	20	1.36	24	2900	2.0	2.2
	3	5	0.17	24	1450	2.0	0.75
IHF32-25-160	6	33	2.4	22.45	2900	2.0	3.0
	3	8	0.296	22	1450	2.0	0.75
IHF50-32-125	12.5	20	1.89	36	2900	2.0	3
	6.3	5	0.23	37	1450	2.0	0.75
IHF50-32-160	12.5	32	2.83	38	2900	2.0	4
	6.3	8	0.35	39	1450	2.0	0.75
IHF50-32-200	6	60	2.5	39	2900	3	7.5
	12.5	50	4.25	40	2900	3	11
IHF65-50-125	25	20	3.24	42	2900	2.0	4
	12.5	5	1.06	40	1450	2.0	1.5
IHF65-50-160	25	32	4.27	51	2900	2.0	5.5
	12.5	8	0.533	51	1450	2.0	1.5
IHF65-50-200	25	50	7.08	48	2900	2.0	7.5
	12.5	12.5	0.96	44	1450	2.0	1.5
IHF65-50-250	25	80	11.8	46	2900	2.0	15
	12.5	20	1.74	39	1450	2.0	2.2
IHF80-65-125	50	20	5.2	52	2900	2.3	7.5
	25	5	0.68	50	1450	2.3	1.5
IHF80-65-160	50	32	8.64	51	2900	2.3	11
	25	8	1.08	50	1450	2.3	3
IHF80-65-200	50	50	10.8	63	2900	2.5	11
	25	12.5	1.49	57	1450	2.0	2.2
IHF80-65-250	50	80	21.77	50	2900	2.5	22
	25	20	2.83	48	1450	2.5	4
IHF100-80-160	100	32	14.32	61	2900	4.3	15
	50	8	1.85	59	1450	3.4	3
IHF100-80-200	100	50	18.9	72	2900	3.9	22
	50	12.5	2.5	68	1450	2.5	4
IHF125-100-200	200	50	38.9	70	2900	5	45
	100	12.5	5.0	68	1450	3.0	7.5
IHF125-100-315	120	32	18	58	1450	3.0	22
IHF150-125-250	200	20	15.6	70	1450	3.0	18.5
IHF150-125-315	200	32	25.6	68	1450	3.0	30
IHF200-150-250	400	20	36.3	60	1450	5	37
IHF200-150-315	350	100	198.5	48	2900	5	200

配带功率按介质比重为 1kg/dm³ 计算The matched power is calculated on the basis of medium with specific weight 1kg/dm³.

CQF(B)/IMC Series Magnetic Drive Pump

●CQF(B)、IMC系列磁力驱动泵



概述

我公司一直以生产、科研融为一体，不断开发、创新，研制发明了两种新型磁力泵专用技术，在CQ型、CQB型、CQF、IMC型三大系列磁力泵中得到运用。现共有六十多个规格品种。作为磁力驱动泵制造商，在同行业中已达到了领先水平，基本满足了广大用户的需求。

泵的过流部位采用304、316L、衬FEP等材料制造，适用于 -80°C ~ $+120^{\circ}\text{C}$ 温度条件下输送任意浓度的不含固体颗粒的各种腐蚀性液体，特别是输送昂贵、剧毒、易燃易爆等溶液，尤其体现该泵的优越性能。取消了传统轴封，利用磁力偶合间接驱动，绝对消除了泄漏的烦恼，真正达到不污染场地及浪费原材料的目的。

该产品适用于各种化工行业、制酸制碱、有色金属冶炼、酸洗工艺、稀土分离、农药、染料、制药、电镀等多种行业的溶液的输送。

General

Our company has been integrated with production and scientific research, constantly developing and innovating, and has developed and invented two new magnetic pump special technologies, which have been used in three series of magnetic pumps: CQ, CQB, CQF and IMC. There are now more than 60 specifications. As a manufacturer of magnetic drive pumps, it has reached the leading technical level in the same industry and basically meets the needs of users.

The overflowing parts of the pump use 304, 316L, lining FEP and other materials. Manufacture, suitable for transport under temperature conditions of -80°C to $+120^{\circ}\text{C}$. Any of various corrosive liquids containing no solid particles, especially transport. Send expensive, highly toxic, flammable and explosive solutions, especially those that reflect the pump Excellent performance. The traditional shaft seal was cancelled and indirect drive was used using magnetic coupling. Move absolutely eliminate the trouble of leakage, really reach the non-polluting site And waste of raw materials.

This product is suitable for various chemical industries, acid-making alkali, colored Metal smelting, pickling process, rare earth separation, pesticides, dyes, making Drug, electroplating and other industries of the transport of solutions.

泵性能参数表 Table of property parameters

规格型号	流量 m ³ /h	扬程 m	汽蚀余量 (NPSH)r (m)	转速N r/min	效率 η %	电机功率 kw
CQB(F)32-20-125	3.2	20	5.0	2900	35	1.1
CQB(F)32-20-160	3.2	32	3.5	2900	35	1.5
CQB(F)40-25-105	6.3	12.5	6.0	2900	45	1.1
CQB(F)40-25-125	6.3	20	5.0	2900	42	2.2
CQB(F)40-25-160	6.3	32		2900	35	3
CQB(F)40-25-200	6.3	50		2900	28	5.5
CQB(F)50-40-85	12.5	8		2900	56	1.1
CQB(F)50-32-105	12.5	12.5	3.5	2900	54	2.2
CQB(F)50-32-125	12.5	20		2900	50	3
CQB(F)50-32-160	12.5	32		2900	46	4
CQB(F)50-32-200	12.5	50		2900	39	7.5
CQB(F)50-32-250	12.5	80		2900	30	15
CQB(F)65-50-125	25	20		2900	58	5.5
CQB(F)65-50-160	25	32		2900	56	7.5
CQB(F)65-40-200	25	50		2900	48	15
CQB(F)65-40-250	25	80		2900	46	22
CQB(F)80-65-125	50	20		2900	66	7.5
CQB(F)80-65-160	50	32	4.0	2900	64	15
CQB(F)80-50-200	50	50		2900	60	18.5
CQB(F)80-50-250	50	80		2900	55	30
CQB(F)100-80-125	100	32		2900	72	11
CQB(F)100-80-16	100	20		2900	70	18.5
CQB(F)100-65-200	100	50		2900	68	30
CQB(F)100-65-250	100	80		2900	64	37

102、103 Wearable plastic centrifugal pump, self-priming Pump

●102、103塑料耐腐蚀离心泵、自吸泵



概述

S 系列工程塑料耐磨离心泵、自吸泵，材质有聚丙烯和 ABS 泵轴采用注塑工艺，介质不与金属接触，无毒无污染、重量轻、体积小、耗能少，使用方便等优点，适合输送不含固体颗粒的腐蚀性液体或非腐蚀性液体，在长期使用实践中，深受各界用户欢迎。

General

S Series wearable plastic centrifugal pump, self-priming pump, pump shaft materials are polypropylene and ABS using injection molding process, the media is not in contact with the metal, toxic pollution, light weight, small size, low energy consumption, ease of use for transporting corrosive liquids without solid particles or non-corrosive liquid, long-term use in practice, by all users.

泵性能参数表 Table of property parameters

型号 Model	流量 Capacity m ³ /h	扬程 Head m	配套电机 Matched motor KW	转速 Speed r/min	进出口径 Inlet outlet diameter mm	吸程 Suction
103离心centrifugal 32FS-11	4	11	0.75	2900	32 x 25	3
102离心centrifugal 40FS-20	8.5	20	1.5	2900	40 x 32	5
101离心centrifugal 50FS-25	20	25	3	2900	50 x 40	5
103自吸self-priming 32FSZ-11	4	11	0.75	2900	32 x 25	3
102自吸self-priming 40FSZ-22A	8.5	20	1.5	2900	40 x 32	5

FP series reinforced polypropylene centrifugal pump, self-priming pump, pipeline pump

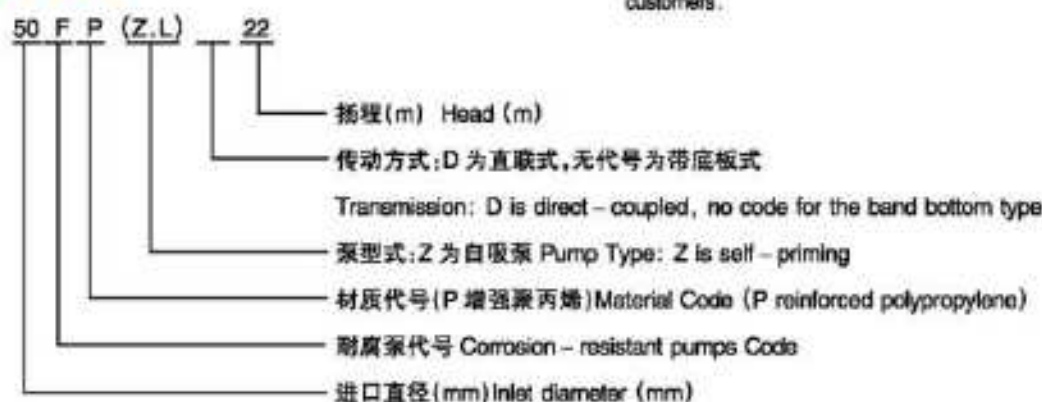
●FP型增强聚丙烯离心泵、自吸泵、管道泵



概述

耐腐离心泵、自吸泵、管道泵是本公司自行研制的高效节能耐腐泵。介质过流部分采用玻纤增强聚丙烯(RPP)注塑成形,结构紧凑,机械强度高,耐腐性能优异,尺寸稳定等特点。RPP材质:非极性、无污毒、耐一般酸碱盐类,工作温度在 $-14^{\circ}\text{C} \sim 70^{\circ}\text{C}$ 。泵的性能可靠,高效低耗,运转平稳,安装及维修保养方便,总体技术水平处于国内领先,故深受广大客户信赖。

型号意义



General

Corrosion-resistant centrifugal pumps, self-priming pump, pipeline pump is the company's self-developed energy-efficient corrosion-resistant pumps. Medium flow part of glass fiber reinforced polypropylene (RPP) injection molding, compact structure, high mechanical strength, excellent corrosion resistance, dimensional stability and other characteristics. RPP Material: non-polar, non-toxic pollution, anti-acid and alkali salts in general, the working temperature $-14^{\circ}\text{C} \sim 70^{\circ}\text{C}$. Pump performance, reliable, efficient and low consumption, stable operation, easy installation and maintenance, the overall level of the leading domestic technology, it is trusted by our customers.

泵性能参数表 Table of property parameters

A、离心泵性能参数表

型号规格 Model	流量 Capacity m ³ /h	扬程 Head m	配套电机 Matched motor kw	转速 Speed r/min	效率 Efficiency %	进出口径 Inlet outlet diameter mm	吸程 Suction m
25FP-10(L)	3.5	10	0.55	2900	46	25×25	5
32FP-11(L)	4	11	0.75	2900	46	32×25	5
40FP-18(L)	12	18	1.5	2900	54.43	40×32	6
40FP-25(L)	18	25	3	2900	55.63	40×32	6
40FP-32(L)	10	32	3	2900	54.43	40×32	6
50FP-22(L)	18	22	2.2	2900	51.74	50×40	6
50FP-25(L)	25	25	3	2900	52.3	50×40	6
50FP-28(L)	25	28	4	2900	51.74	50×40	6
50FP-32(L)	13	32	4	2900	53.63	50×40	6
65FP-26(L)	25	26	4	2900	64.5	65×50	4
65FP-30(L)	29	30	5.5	2900	66.2	65×50	4
80FP-30(L)	45	30	5.5	2900	66.6	80×65	4
80FP-32(L)	50	32	7.5	2900	69.9	80×65	4
80FP-36(L)	40	36	7.5	2900	69.9	80×65	4
100FP-20(L)	100	20	11	2900	75	100×80	4
100FP-32(L)	100	32	15	2900	76	100×80	4
100FP-40(L)	100	40	18.5	2900	76.2	100×80	4

B、管道泵性能参数表

型号规格 Model	流量 Capacity m ³ /h	扬程 Head m	转速 Speed r/min	效率 Efficiency %	吸程 Suction m	进出口径 Inlet outlet diameter mm	配套电机 Matched motor kw
25FPL-11	4	11	2900	46	6	25×25	0.55
40FPL-18	12	18	2900	54.43	6	40×40	1.5
50FPL-22	18	22	2900	51.74	6	50×50	2.2

C、自吸泵性能参数表

型号规格 Model	流量 Capacity m ³ /h	扬程 Head m	自吸高度 Suction height m	转速 Speed r/min	自吸时间 Suction time s/m	进出口径 Inlet outlet diameter mm		功率 Power kw
						进Inlet	出Outlet	
25FPZ-10(L)	3	10	3	2900	70	25	25	0.55
32FPZ-11(L)	3.5	11	3	2900	70	32	25	0.75
40FPZ-18(L)	10	18	3	2900	70	40	32	1.5
40FPZ-25(L)	18	25	4	2900	55	40	32	3
50FPZ-22(L)	18	22	3	2900	65	50	40	2.2
50FPZ-25(L)	20	25	4	2900	52	50	40	3
50FPZ-28(L)	20	28	4	2900	50	50	40	4
65FPZ-26(L)	29	26	4	2900	53	65	50	4
65FPZ-30(L)	29	30	4	2900	55	65	50	5.5
80FPZ-30(L)	40	30	4	2900	55	80	65	5.5
80FPZ-32(L)	45	32	4	2900	50	80	65	7.5

QW Series Submersible Sewage Draining Pump

●QW型潜水排污泵



概述

QW 型系列无堵塞潜水排污泵是根据九五年国家专利技术生产的新型离心泵。该泵在设计上综合地吸收了瑞典科学的叶轮水力设计和西德合理的整体结构、快速的安装技术,以及日本完整的保护装置和先进的机械密封,效率高,能耗少、运行可靠。泵的性能、结构、安装尺寸和技术要求均符合中华人民共和国城乡建设行业标准,因此在国内排水排污行业得到了广泛的应用。

我公司生产的 QW 型无堵塞潜水排污泵,在原设计技术的基础上作了进一步改进,采用先进的微机计算机技术,实行水位自动控制、故障图型显示及保护,使其性能更可靠、使用更方便,更适合于多台泵的自动管理和无人看守时使用。

General

QW series chokeless submersible sewage draining pump is new type centrifugal pump produced according to 1995 national patent technology. Pump design has absorbed Sweden scientific impeller water power design, German reasonable whole structure and quickly installing technology, Japanese perfect protective equipment and advanced mechanical seal. It is high efficiency, power saving, operates reliable. Performances, structure, installing dimension and technical requirements accord to China city and country construction industry standard, so it is widely used in draining water and draining sewage.

Our product has improved on original design technology, adopt advanced microcomputer technology, water level is autocontrolled, trouble map can show and be used more convenience, more suitable for several pumps auto management and no person watching.

泵性能参数表 Table of property parameters

序号 No.	型 号 Model	排出口径 Output diam- eter (mm)	流 量 Capacity (m³/h)	扬 程 Head (m)	转 速 Speed (r/min)	功 率 Power (KW)	效 率 Efficiency %	重 量 Gravity (kg)
1	QWd1.5-16-0.37	Φ25	1.5	16		0.37	68	20
2	QWX15-7-1.1	Φ50	15	7	2860	1.1	65	29
3	QWX7-15-1.1	Φ32	7	15	2860	1.1	65	29
4	QWX20-5-1.1	Φ50	20	5	2860	1.1	68	30
5	QWX25-10-1.5	Φ80	25	10	2860	1.5	70	35
6	QWX13-15-1.5	Φ50	13	15	2860	1.5	69	35
7	QWX35-7-2.2	Φ80	35	7	2860	2.2	72	38
8	QWX50-8-2.2	Φ32	50	8	1450	2.2	72.5	40
9	QWd120-4.5-2.2	Φ100	120	4.5	1450	2.2	73.8	40
10	QWX9-22-2.2	Φ40	9	22	2860	2.2	63	36
11	QWX10-20-2.2	Φ50	10	20	2860	2.2	68	36
12	QWX10-32-3	Φ32	10	32	2860	3	58	49
13	QWX25-15-3	Φ50	25	15	2860	3	69.5	49
14	QWd39-10-3	Φ80	39	10	2860	3	72.8	50
15	QWX5-50-3	Φ32	5	50	2860	3	56.5	49
16	QWX15-25-3	Φ32	15	25	2860	3	64.5	50
17	QWd80-8-4	Φ100	80	8	1450	4	74.3	68
18	QWd100-7-4	Φ100	100	7	1450	4	75.6	72
19	QWd20-22-4	Φ50	20	22	2860	4	69.8	42
20	QWX30-22-5.5	Φ100	70	10	2860	5.5	75.9	105
21	QWX30-22-5.5	Φ65	30	22	2860	5.5	72.6	100
22	QWX40-15-5.5	Φ50	40	15	1440	5.5	73.2	100
23	QWX12-50-5.5	Φ32	12	50	1440	5.5	61.9	100
24	QWX20-32-5.5	Φ50	20	32	1440	5.5	68.2	100
25	QWd110-8-5.5	Φ100	110	8	1450	5.5	74.2	110
26	QWd120-10-5.5	Φ100	120	10	1450	5.5	75.6	110
27	QWX18-38-5.5	Φ50	18	38	2860	5.5	62.2	115
28	QWd45-16-5.5	Φ65	45	16	2860	5.5	70.3	100
29	QWd100-10-5.5	Φ100	100	10	1450	5.5	74.6	105
30	QWd70-13-5.5	Φ100	70	13	2860	5.5	70.5	105
31	QWd145-7-5.5	Φ150	145	7	1450	5.5	74.5	120
32	QWd30-35-7.5	Φ80	30	35	2860	7.5	65.5	140
33	QWd50-22-7.5	Φ65	50	22	2860	7.5	62	140
34	QWd145-10-7.5	Φ150	145	10	1450	7.5	74	150
35	QWd210-7-7.5	Φ150	210	7	1450	7.5	75.2	150
36	QWd81-18-7.5	Φ80	80	18	2860	7.5	69.5	145
37	QWd70-16-7.5	Φ100	70	16	2860	7.5	70.2	140
38	QWd35-30-7.5	Φ80	35	30	2860	7.5	62	140
39	QWd150-12-11	Φ150	150	12	1450	11	73	210
40	QWd180-10-11	Φ150	180	10	1450	11	75.5	220
41	QWd110-16-11	Φ100	110	16	1450	11	72	210
42	QWd210-8.5-11	Φ150	210	8.5	1450	11	76	210
43	QWd50-35-11	Φ80	50	35	2860	11	62	210
44	QWd30-40-11	Φ80	30	40	2860	11	58	210
45	QWd70-22-11	Φ100	70	22	1450	11	69.6	210
46	QWd300-7-11	Φ200	300	7	1450	11	76	210
47	QWB43-50-15	Φ50	43	50	2860	15	58.2	240
48	QWd25-90-15	Φ50	25	90	2860	15	56.5	250
49	QWd88-26-15	Φ100	88	26	1450	15	63.2	260
50	QWd100-22-15	Φ100	100	22	1450	15	70	250
51	QWd140-18-15	Φ200	140	18	1450	15	74	250
52	QWd150-15-15	Φ150	150	15	1450	15	73	250
53	QWd210-11.5-15	Φ150	210	11.5	1450	15	75	260
54	QWd300-10-15	Φ200	300	10	1450	15	74.5	265
55	QWd180-18-15	Φ150	180	18	1450	15	70	250

泵性能参数表 Table of property parameters

序号 No.	型 号 Model	排出口径 Output diameter (mm)	流 量 Capacity (m³/h)	扬 程 Head (m)	转 速 Speed (r/min)	功 率 Power (KW)	效 率 Efficiency %	重 量 Gravity (kg)
56	QWd400-7-15	φ250	400	7	1450	15	74	290
57	QWd100-28-18.5	φ100	100	28	1450	18.5	68	350
58	QWd250-15-18.5	φ200	250	15	980	18.5	71	360
59	QWd200-22-22	φ200	200	22	1450	22	70	400
60	QWd150-32-22	φ150	160	32	1450	22	68	400
61	QWd130-30-22	φ100	130	30	1450	22	66	400
62	QWd400-10-22	φ200	400	10	980	22	72	420
63	QWd800-7-22	φ200	600	7	980	22	73	450
64	QWd800-10-30	φ200	600	10	980	30	71	450
65	QWd250-22-30	φ200	250	22	980	30	68	420
66	QWd380-15-30	φ200	380	15	980	30	70	420
67	QWd480-13-30	φ200	480	13	980	30	72	450
68	QWd150-45-37	φ150	150	45	1450	37	61	750
69	QWd800-10-37	φ300	800	10	980	37	73	780
70	QWd200-30-37	φ200	200	30	1450	37	63	750
71	QWd350-20-37	φ200	350	20	1450	37	68	750
72	QWd480-15-37	φ200	480	15	1450	37	70	780
73	QWd900-8-37	φ300	900	8	980	37	74	800
74	QWd250-35-45	φ200	250	35	1450	45	68	800
75	QWd400-24-45	φ200	400	24	1450	45	68	820
76	QWd900-15-45	φ250	600	15	980	45	69.5	850
77	QWd250-40-55	φ200	250	40	1450	55	59	1150
78	QWd400-30-55	φ200	400	30	980	55	59	1150
79	QWd600-20-55	φ250	600	20	980	55	68	1200
80	QWd900-12-55	φ300	900	12	980	55	70	1200
81	QWd800-15-55	φ300	800	15	980	55	68	1300
82	QWd1100-10-55	φ300	1100	10	740	55	74	1200
83	QWd130-55-55	φ150	130	55	1450	55	59	1350
84	QWd350-40-75	φ200	350	40	1450	75	60	1500
85	QWd600-25-75	φ200	600	25	980	75	66	1500
86	QWd800-20-75	φ250	800	20	980	75	70	1500
87	QWd1500-10-75	φ300	1500	10	980	75	74	1800
88	QWd600-30-90	φ250	600	30	980	90	70	1800
89	QWd950-20-90	φ300	950	20	980	90	70	1800
90	QWd1500-12-90	φ400	1500	12	980	90	82	2000
91	QWd700-30-110	φ250	700	30	980	110	72	2100
92	QWd1750-12-110	φ400	1750	12	980	110	83	2300
93	QWd850-24-110	φ300	850	24	980	110	73	2100
94	QWd2100-10-110	φ400	2100	10	980	110	82	2500
95	QWd1085-25-132	φ300	1085	25	980	132	80	2600
96	QWd2000-13-132	φ400	2000	13	740	132	84	2600
97	QWd1000-30-160	φ300	1000	30	980	160	72	3000
98	QWd1500-26-160	φ300	1500	26	980	160	73	3100
99	QWd1700-20-160	φ400	1700	20	980	160	76	3100
100	QWd2000-15-160	φ400	2000	15	740	160	79	3100
101	QWd3000-13-180	φ500	3000	13	690	180	81	3500
102	QWd3500-13-200	φ500	3500	13	690	200	82	3800
103	QWd2600-15-200	φ400	2600	15	980	200	79	3800
104	QWd1700-30-250	φ400	1700	30	980	250	73	4000
105	QWd3000-16-250	φ500	3000	16	690	250	75	4000
106	QWd2400-22-250	φ500	2400	22	740	250	78	4000
107	QWd1800-32-250	φ400	1800	32	980	250	76	4000
108	QWd2650-24-300	φ500	2650	24	740	300	76	4300
109	QWd3750-17-300	φ500	3750	17	740	300	80	4300

Model-YL Vertical Double-stages Long Shaft Pump

●YL型立式多级长轴泵



概述

YL 系列立式长轴泵,采用浸没式叶轮,立式安装。它具有结构紧凑,工作平稳,操作简单、维修方便、占地面积小;通用化、标准化程度高的优点。是我公司吸收了世界发达国家立式长轴泵设计和制造的先进经验,为适应我国市场需求研制和发展的先进成熟的系列产品。

该产品具有工业给排水;城市饮用水、生活消防及江、河湖、海取水等多种用途,适合冶金、矿山、化工、造纸、水电站等工业场所。

型号意义

1 2 3 - 4 5 / 6

1——泵吐出口径(100~700)。单位 mm。

2——立式长轴泵系列代号 YL。

3——叶轮级数(叶轮级数为 1 时略)。

4——泵名义总扬程。单位:m。

5——切割叶轮代号。以 A、B 示之。

6——泵中间管数 N(0、1、2……,中间管数为 1 时略)。

其中 1、2、3、4、5 为泵基本型号,6 为用户订货时按要求注明。

吐出口径 350mm 立式长轴泵,二级叶轮,总扬程 60 米,一次切割。

General

Model YL vertical long shaft pump series adopts submerged blade wheel and vertical installation structure. It has merits of compact structure, stable running, easy operation, convenient maintenance, small ground space, high degree of versatility and standardization. It is an up-to-date mature product series researched and developed by our company on the basis of absorption of advanced experiences on design and manufacture of vertical long shaft in the developed countries with accommodation to the domestic market requirements.

The product has many applications including industrial water supply and drainage, tap water of city, living water and fire-fighting water, water pumping from river, lake and sea. It is used in industries of metallurgical, mine, chemical, papermaking, water power station, etc.

Meaning of model code

1-Outlet port diameter of pump(100-700).Unit:mm.

2-Code for YL vertical long shaft pump series.

3-Stage number of blade wheel(it can be omitted when stage number of blade wheel is 1).

4-Nominal total lift of pump. Unit:m.

5-Code of cutting blade wheel. Shown as A,B.

6-Pump middle pipe number N(0,1,2...it can be omitted when middle pipe number is 1).

Among them, 1, 2, 3, 4, 5 are the basic model code of pump. 6 must be declared when the user is placing his order.

Vertical long shaft pump with outlet port diameter of 350mm, 2-stage blade wheel, total lift of 60 m, and one time cutting.

泵性能参数表 Table of property parameters

泵型号 Model	流量Q(m³/h) Capacity	扬程 H(m) Head	转速n (rpm) speed	效率 % Efficiency	配用功率(KW) Motor power
40YL-8	3	10	2990	22	1.1
	7	10.2		41	
	11	9		45	
50YL-10	15	10	1450	50	1.5
50YL2-10	15	20	1450	50	3
65YL-10	30	10	1450	55	2.2
65YL2-20	30	20	1450	55	4
80YL-10	50	10	1450	60	4
80YL2-10	50	20	1450	60	7.5

泵型号 Model	流量 Q (m³/h) Capacity	扬程 H (m) Head	转速 n (rpm) Speed	电机功率 n(KW) Motor Power	叶轮直径 D(mm) Impeller diameter	泵质量 M (kg) Pump mass
100YL-13	30 60 75	15.6 12.5 9.7	1450	4	210	1100+ 100N
100YL-20	30 60 75	24 19.9 16.7	1450	7.5	250	1120+ 100N
100YL-20A	27.3 54.6 68.3	19.9 16.5 13.8	1450	5.5	226	1120+ 100N
100YL2-25	30 60 75	31.2 25 26.4	1450	7.5	275	1260+ 100N
100YL2-32	30 60 75	39.6 32.4 26.4	1450	11	320	1320+ 100N
100YL2-40	30 60 75	48 39.6 33.4	1450	15	365	1350+ 100N
100YL3-60	30 60 75	72 59.7 50.1	1450	22	320	1460+ 100N
100YL3-60A	27.3 54.6 68.3	59.6 49.4 41.5	1450	15	290	1460+ 100N
150YL-25	75 150 190	28.5 25 19.5	1450	22	275	1460+ 140N
150YL-25A	68.3 136.5 172.8	22.8 19 13.7	1450	15	250	1460+ 140N
150YL-37	75 150 190	43.7 36.6 30.3	1450	30	335	1520+ 140N
150YL-37A	68.3 136.5 173	35.1 32.5 30.2	1450	22	320	1520+ 140N
150YL2-46	75 150 190	48.2 46 43.2	1450	37	270	1560+ 140N
150YL2-60	75 150 190	64.5 60.4 56.8	1450	45	310	1620+ 140N
200YL-15	190 300 360	17.4 14.5 11.9	1475	22	266	1500+ 160N

泵型号 Model	流量 Q (m³/h) Capacity	扬程 H (m) Head	转速 n (rpm) Speed	电机功率 n(KW) Motor Power	叶轮直径 D(mm) Impeller diameter	泵质量 M (kg) Pump mass
200YL-23	190 300 360	25.8 23 20.2	1475	37	296	1550+ 160N
200YL-23A	172.9 273 327.6	22.2 19 16.7	1475	30	269.4	1550+ 160N
200YL2-29	190 300 360	34.8 29 23.8	1475	45	268 296	1700+ 160N
200YL2-36	190 300 360	44.2 37.5 32.1	1475	55	268	1800+ 160N
200YL2-46	190 300 360	53.6 46.1 40.4	1475	75	296	1850+ 160N
200YL3-60	190 300 360	80.4 69 60.6	1475	110	296	2000+ 160N
200YL3-60A	172.9 273 327.6	66.6 57 50.1	1475	90	269.4	2000+ 160N
250YL-20	360 480 540	22.8 19.8 17.8	1475	55	314	1540+ 180N
250YL-20A	327.6 436.8 491.4	18.9 16.4 14.7	1475	37	286	1540+ 180N
250YL-32	360 480 540	35.5 31.5 29.1	1475	75	346	1600+ 180N
250YL-32A	327.6 436.8 491.4	29.4 26.1 24.1	1475	55	315	1600+ 180N
250YL-40	360 480 540	45.6 39.6 35.6	1475	90	314	1600+ 180N
250YL-51	360 480 540	58.3 51.4 46.9	1475	132	314 346	1800+ 180N
250YL-63	360 480 540	71 63 58.2	1475	160	346	1850+ 180N
300YL-25	540 660 750	31.2 25 21.4	1475	90	374	2050+ 300N

泵性能参数表 Table of property parameters

型号 Type	流量 Capacity m³/h	扬程 H Head m	转速 n Speed (r/min)	电机 功率 Motor Power N(kw)	叶轮 直径 D (mm)	泵质量 Weight (kg)	型号 Type	流量 Capacity m³/h	扬程 H Head m	转速 n Speed (r/min)	电机 功率 Motor Power N(kw)	叶轮 直径 D (mm)	泵质量 Weight (kg)
300YL2-64	640 680 750	70.2 63.5 57.2	1475	200	348 386	2250+ 300N	450YL-43A	1450 1653 1824	41.7 38.9 36.8	980	280	578	3680+ 750N
350YL-19	750 900 1050	22.2 19.3 16.1	1475	90	334	2300+ 600N	450YL-43B	1350 1586 1728	37.4 34.9 32.8	980	250	546	3680+ 750N
350YL-19A	713 855 996	20 17.4 14.5	1475	75	317	2300+ 600N	450YL2-54	1500 1740 1920	59.8 54.4 50	980	400	562	3600+ 750N
350YL-30	790 900 1050	33.5 30.2 25.5	1475	160	387	2600+ 650N	450YL2-54A	1425 1653 1824	53.8 49.1 45.1	980	355	524	3600+ 750N
350YL-30A	713 855 996	30.2 27.3 23	1475	132	367	2600+ 650N	500YL-20	1920 2180 2400	21 20 17.8	980	200	513	3600+ 800N
350YL-30B	675 810 945	27.1 24.5 20.7	1475	110	348	2600+ 650N	500YL-20A	1824 2052 2280	19 18.1 16.1	980	185	487	3600+ 800N
350YL-48	750 900 1050	51.5 47.9 42.5	1475	220	425	2700+ 650N	500YL-31	1820 2180 2400	34 31.4 28.5	980	315	533	4100+ 800N
350YL-48A	713 855 996	48.7 43.2 38.4	1475	200	405	2700+ 650N	500YL-31A	1824 2052 2280	30.7 28.3 25.7	980	280	504	4100+ 800N
350YL-48B	675 810 945	42 38.8 34.4	1475	185	384	2700+ 650N	500YL-31B	1728 1944 2160	27.5 25.4 23.1	980	250	534	4100+ 800N
350YL2-60	750 900 1050	67 60.4 51	1475	280	387	3250+ 650N	500YL-50	1920 2180 2400	52.8 48.8 46.1	980	500	654	4300+ 800N
350YL2-60A	713 855 996	60.5 54.5 48	1475	250	367	3250+ 650N	500YL-50A	1824 2052 2280	47.7 44.9 41.6	980	450	622	4300+ 800N
400YL-25	1050 1320 1500	28.3 25 22	1475	160	380	2700+ 700N	500YL-50B	1728 1944 2160	42.8 40.3 37.3	980	355	588	4300+ 800N
400YL-25A	996 1254 1425	25.5 22.6 19.9	1475	132	361	2700+ 700N	500YL2-63	1920 2180 2400	66 62.8 57	980	580	593	4700+ 800N
400YL-39	1050 1320 1500	44.3 39 34.3	1475	250	440	3100+ 700N	500YL2-63A	1824 2052 2280	61.4 56.7 51.4	980	500	564	4700+ 800N
400YL-39A	996 1254 1425	40 36.2 31	1475	200	418	3100+ 700N	600YL-25	2400 3000 3420	29.7 28 21.6	980	315	572	4800+ 850N
400YL-39B	945 1188 1350	36.8 31.6 27.8	1475	185	398	3100+ 700N	600YL-25A	2280 2850 3249	26.8 22.6 19.5	980	280	543	4800+ 850N
400YL-62	1050 1320 1500	68.5 61.9 56.8	1475	355	484	3300+ 700N	600YL-39	2400 3000 3420	43.9 39 34.3	980	500	632	5340+ 850N
400YL-62A	996 1254 1425	61.8 55.9 51.1	1475	315	460	3300+ 700N	600YL-39A	2280 2850 3249	39.6 35.2 31	980	450	629	5340+ 850N
400YL-62B	945 1188 1350	55.5 50.1 45.8	1475	280	438	3300+ 700N	600YL-39B	2160 2700 3078	35.5 31.6 27.8	9870	355	598	5340+ 850N
450YL-17	1500 1740 1920	19.7 17.4 15.7	980	160	477	3280+ 650N	600YL-62	2400 3000 3420	68.2 62 56.7	980	710	730	5440+ 950N
450YL-17A	1425 1653 1824	17.8 15.7 14.2	980	132	453	3280+ 650N	600YL-62A	2280 2850 3249	61.8 56.0 51.1	980	630	694	5440+ 950N
450YL-27	1500 1740 1920	29.8 27.2 25	980	220	552	3430+ 750N	600YL-62B	2180 2700 3078	55.3 50.2 45.9	980	580	657	5440+ 950N
450YL-27A	1425 1653 1824	26.9 24.5 22.6	980	185	524	3430+ 750N	700YL-20	3420 3600 4390	22.6 20.3 17.9	735	400	825	
450YL-27B	1350 1586 1728	24.1 22.0 20.3	980	160	487	3430+ 750N	700YL-20A	3249 3705 4161	20.4 18.3 16.2	735	315	784	
450YL-43	1500 1740 1920	46.2 43.1 40.5	980	315	609	3680+ 750N							

FY /FYSM Series Corrosive Vertical Submerged Pump

●FY、FYSM系列耐腐蚀立式液下泵



概述

FY 型耐腐蚀立式液下泵是一种单级单吸长轴式液下离心泵,其标记、额定性能点和法兰连接尺寸等效采用 ISO2858 国际标准、技术条件采用 ISO5199 标准。与原 FY 型耐腐蚀液下泵相比,具有体积小、效率高、节能效果好,运行可靠等优点。适用于输送稍含固体颗粒、腐料的腐蚀性介质。

泵的输送温度一般为 $0 \sim 105^{\circ}\text{C}$ 。温度在 $-20 \sim 0^{\circ}\text{C}$ 、 $105 \sim 180^{\circ}\text{C}$ 时可采用保温夹套及冷却夹套,采用低温或高温耐磨轴承,此类情况用户应说明。

如输送介质有少量固体颗粒,滑动轴承应采用外润滑方式(外接压力大于 0.2MPa 的清水和其它允许的介质),此类情况用户应说明。

泵的工作压力按 1.6MPa 设计。

泵的性能范围:流量为 $1.6 \sim 2600\text{m}^3/\text{h}$,扬程为 $5 \sim 132\text{m}$ 。

根据所输送介质的不同,FY 型立式液下泵接触液体部分的材质可选用铸铁(用符号 H 表示)、铸钢、 $1\text{Cr}18\text{Ni}9\text{Ti}$ (用符号 B 表示)、 $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$ (用符号 M 表示)、301、304L、316、316L、904、Lewmet 合金、20 号合金等材料制造。

General

FY series corrosive vertical submerged pump is one of single-stage single-suction long-shaft submerged centrifugal pumps. Its marks, performance points and dimension of flange are designed according to International Standard of ISO2858. Its technical conditions are designed according to ISO5199. It has little volume, high efficiency, power saving, operating liability compared with former FY series corrosive vertical submerged pump. It can not pump corrosive medium which has solid particles and wearable materials.

The medium temperature varies from 0°C to 105°C . Heat preservation closed cover and low-temperature wearable guide bearing are used when the temperature of medium is from -20°C to 0°C , cooling closed cover and high-temperature wearable guide bearing are used when the temperature of medium is from 105°C to 180°C . This condition must be stated when ordering.

If medium has little solid particle, sliding bearing should be outer-lubricated bearing, which shall be stated clearly when ordering (water and other allowed medium whose outer pressure is over 0.2MPa).

Operating pressure is designed at 1.6MPa .

Performance range: Capacity: $1.6 \sim 2600\text{m}^3/\text{h}$, head: $5 \sim 132\text{m}$.

The materials contacting with liquid can be selected as cast iron (H), cast steel, $1\text{Cr}18\text{Ni}9\text{Ti}$ (B), $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$ (M), 304, 304L, 306, 306L, 904, Lewmet Alloy, 20 # Alloy according to different medium.

泵性能参数表 Table of property parameters

型号 Model	叶轮形式 Impeller type	额定转速 Speed n=2900r/min								额定转速Speed n=1450r/min							
		流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density<1.0		相对密度<1.35 relative density<1.35		相对密度<1.85 relative density<1.85		流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density<1.0		相对密度<1.35 relative density<1.35		相对密度<1.85 relative density<1.85	
				功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model			功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model
25FY-20		3.2	20	1.1	Y90L-2	1.5	Y90S-2	2.2	Y90L-2	1.8	5	0.75	Y80L-4	0.75	Y80L-4	1.1	Y90S-4
	A	2.8	16							1.4	4						
25FY-32		2.8	32	3	Y100L-2	3	Y100L-2	4	Y112M-2	1.6	8	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
	A	2.8	26							1.4	6.5						
25FY-50		3.2	50	5.5	Y132S-2	7.5	Y132S-2	11	Y160M1-2	1.6	12.5						
	A	2.8	41							1.4	10						
25FY-80		3.2	80	7.5	Y132S-2	11	Y160M-2	15	Y160M-2	1.8	20	1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L-4 Y90S-4
	A	3	70	5.5	Y132S-2	7.5	Y132S-2	11	Y160M-2	1.5	17						
	B	2.8	62	4	Y112M-2	5.5	Y132S-2	11		1.4	15						
40FY-20		6.3	20	1.5	Y90S-2	2.2	Y90L-2	3	Y100L-2	3.2	5	0.75	Y80L-4	0.75	Y80L-4	1.1	Y90S-4
	A	5.5	16							2.8	4						
40FY-32		6.3	32	3	Y100L-2	3	Y100L-2	4	Y112M-2	3.2	8	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
	A	5.5	26							2.8	6.5						
40FY-50		6.3	50	5.5	Y132S-2	7.5	Y132S-2	11	Y160M1-2	3.2	12.5	1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L-4
	A	5.5	41							2.8	10						
40FY-80		6.3	80	7.5	Y132S-2	11	Y160M-2	15	Y160M2-2	3.2	20	1.5	Y90L-4	2.2	Y100L-4	3	Y100L-4
	A	5.9	70	5.5	Y132S-2	7.5	Y132S-2	11	Y160M1-2	2.9	17						
	B	5.6	62							2.8	15						
50FY-20		12.5	20	1.5	Y90S-2	2.2	Y90L-2	3	Y100L-2	6.3	5	0.75	Y80L-4	0.75	Y80L-4	1.1	Y90S-4
	A	11.3	16.4							5.7	4.1						
50FY-32		12.5	32	3	Y100L-2	4	Y112M-2	5.5	Y132S1-2	6.3	8						
	A	11.3	26.4	2.2	Y90L-2	3	Y100L-2	4	Y112M-2	5.7	6.6						
50FY-50		12.5	50	5.5	Y132S-2	7.5	Y132S-2	11	Y160M1-2	6.3	12.5	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
	A	11.3	41	4	Y112M-2	5.5	Y132S-2	7.5	Y132S2-2	5.7	10.3			0.75	Y80L-4	1.1	Y90S-4
50FY-80		12.5	80	11	160M-2	15	Y180M-2	18.5	Y160L-2	6.3	20	1.5	Y90L-4	2.2	Y80L-4	3	Y100L-4
	A	11.7	70			11	Y160M-2	15	Y160M2-2	5.7	17.5					2.2	Y100L-4
	B	11	62	7.5	132S-2												
65FY-20		25	20	3	Y100L-2	4	Y112M-2	5.5	Y132S1-2	12.5	5	0.75	Y80L-4	0.75	Y80L-4	1.1	Y90S-4
	A	22.7	16.5	2.2	Y90L-2	3	Y100L-2	4	Y112M-2	11.3	4.1					0.75	Y80L-4
65FY-32		25	32	5.5	132S-2	5.5	Y132S-2	7.5	Y132S2-2	12.5	8	0.75				1.1	Y90S-4
	A	22.7	26.5	4	Y112M-2	4	Y112M-2	5.5	Y132S1-2	11.3	6.6						
65FY-50		25	50	11	Y160M-2	11	Y160M-2	15	Y160M2-2	12.5	12.5	1.1	Y90S-4	1.5	Y90L-4	2.2	Y100L-4
	A	22.7	41	7.5	Y132S-2	7.5	Y132S-2	11	Y160M1-2	11.3	10.3	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
65FY-80		25	80	15	Y160M-2	18.5	Y160L-2	22	Y180M-2	12.5	20	2.2	Y100L-4	3	Y100L-4	4	Y112M-4
	A	23.4	74.8			15	Y160M-2	18.5	Y160L-2	11.7	17.5			2.2	Y100L-4	3	Y100L-4
	B	22	61.8	11	Y160M-2												

泵性能参数表 Table of property parameters

型号 Model	叶轮形式 Impeller Type	泵额定转速 Speed n=2900/min								泵额定转速Speed n=1450/min							
		流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density<1.0		相对密度<1.35 relative density<1.35		相对密度<1.86 relative density<1.86		流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density<1.0		相对密度<1.35 relative density<1.35		相对密度<1.86 relative density<1.86	
				功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model			功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model
80FY-20		50	20	5.5	Y132S-2	5.5	Y132S-2	7.5	Y132S-2	25	5	0.75	Y802-4	0.75	Y802-4	1.1	Y90S-4
	A	45.3	18.5							22.6	4.1					0.75	Y802-4
80FY-32		50	32	7.5	Y132S-2	11	Y160M-2	15	Y160M-2	25	8	1.5	Y90L-4	1.5	Y90L-4	2.2	Y100L-4
	A	45.4	25.4			7.5	Y132S-2	11	Y160M-2	22.7	6.6	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4
80FY-50		50	50	15	Y160M-2	15	Y160M-2	22	Y160M-2	25	12.5	2.2	Y100L-4	2.2	Y100L-4	3	Y100L-4
	A	45.3	41	11	Y160M-2			18.5	Y160L-2	22.7	10.3	1.5	Y90L-4			2.2	Y100L-4
80FY-80		50	80	22	Y160M-2	30	Y200L-2	45	Y225M-2	25	20	3	Y100L₂-4	4	Y112M-4	5.5	Y132S-4
	A	45.8	70.5	18.5	Y160L-2	22	Y160M-2	30	Y200L-2	23.4	17.6	3	Y100L₂-4	4	Y112M-4	5.5	Y132S-4
	B	44	82.2	15	Y160M-2												
100FY-20		100	20	11	Y160M-2	11	Y160M-2	15	Y160M-2			2.2	Y100L-4	3	Y100L₂-4	4	Y112M-4
	A	91.8	18.8	7.5	Y132S-2			11	Y160M-2								
100FY-32		100	32	15	Y160M-2	18.5	Y160L-2	22	Y160M-2	50	8						
	A	91	25.5	11	Y160M-2	15	Y160M-2	18.5	Y160L-2	45.5	6.6	1.5	Y90L-4	2.2	Y100L₂-4	3	Y100L₂-4
100FY-50		100	50	22	Y160M-2	30	Y200L₂-2	37	Y200L₂-2	50	12.5	4	Y112M-4	4	Y112M-4	5.5	Y132S-4
	A	91	41.5	18.5	Y160L-2	22	Y160M-2	30	Y200L₂-2	45.5	10.3	3	Y100L₂-4	3	Y100L₂-4	4	Y112M-4
100FY-80		100	80	45	Y225L₂-2	45	Y225M-2	75	Y280S-2	50	20	5.5	Y132S-4	7.5	Y132M-4	11	Y160M-4
	A	93.5	70	37	Y200L₂-2			55	Y250M-2	45.5	17.4	4	Y112M-4	5.5	Y132S-4	7.5	Y132M-4
	B	87.8	81.7	30	Y200L₂-2			37	Y200L-2	45	Y225M-2						
125FY-12.5										100	12.5	5.5	Y132S-2	7.5	Y132M-4	11	Y160M-4
	A									91	10.3			5.5	Y132S-4	7.5	Y132M-4
125FY-20										100	20	11	Y160M-4				
	A									91	16.5	7.5	Y132M-4	11	Y160M-4	15	Y160L-4
125FY-32										100	32	18.5	Y160M-4	22	Y160L-4	30	Y200L-4
	A									91	25.5	15	Y160L-4	18.5	Y160M-4	30	Y200L-4
125FY-50										100	50			37	Y225S-4	55	Y250M-4
	A									91	41	30	Y200L-4	30	Y200L-4	45	Y225M-4
150FY-20										200	20	18.5	Y160M-4	22	Y160L-4	30	Y200L-4
	A									182	16.5	15	Y160L-4	18.5	Y160M-4	30	Y200L-4

泵性能参数表 Table of property parameters

型 号 Model	叶轮形式 Impeller type	泵额定转速 Speed n=1450/min								型 号 Model	叶轮形式 Impeller type	泵额定转速 Speed n=1450/min									
		流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density < 1.0		相对密度<1.35 relative density < 1.35		相对密度<1.85 relative density < 1.85				流量 Q Capacity m³/h	扬程 H Head m	相对密度<1.0 relative density < 1.0		相对密度<1.35 relative density < 1.35		相对密度<1.85 relative density < 1.85			
				功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model					功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model	功率 power KW	电机型号 motor model		
150FY-32		200	32	30	Y200L-4	37	Y225S-4	45	Y225M-4	300FY-45		1000	44	160	Y315M-4	220		315			
	A	182	25.5	22	Y180L-4	30	Y200L-4	37	Y225S-4		A	900	38	132	Y315M-4	200	Y315L-4	250			
150FY-50		200	50	55	Y250M-4	75	Y280S-4	75	Y280S-4		B	850	30	110	Y315S-4	132	Y315M-4	200	Y315L-4		
	A	182	41	37	Y225S-4	45	Y225M-4				1500	40	200	Y315L-4	280		355				
200FY-20		400	20	37	Y225S-4	45	Y225M-4	75	Y280S-4	350FY-60	A	1400	30	180	Y315M-4	220		315			
	A	360	15.2	30	Y200L-4	30	Y200L-4	45	Y225M-4		B	1300	26	132	Y315M-4	200		250			
200FY-32		400	32	55	Y250M-4	75	Y280S-4	90	Y280M-4		C	1300	20	110	Y315S-4	180		220			
	A	360	25.5	45	Y225M-4	55	Y250M-4	75	Y280S-4			1240	78	355		450					
200FY-50		400	50	90	Y280M-4	110	Y315S-4	132	Y315M-4	400FY-80	A	1170	75	315		400					
	A	360	41	75	Y280S-4	90	Y280M-4	110	Y315S-4		B	1015	57	250		280					
200FY-80		420	80	132	Y315M-4	160		220	Y355M-4	400FY-100	C	870	42	180		220		315			
	A	400	70	110	Y315S-4	160	Y315M-4	200	Y315L-4			1340	104	500							
	B	360	55		132						A	1250	97	450							
	C	340	50		75	Y280S-4	110	Y315S-4	132		Y315M-4	B	1140	77	355						
250FY-12		600	12	30	Y200L-4	37	Y225S-4	55	Y250M-4	400FY-125	C	950	56	230							
	A	540	11	22	Y180L-4	30	Y200L-4	45	Y225M-4			1450	132	710							
	B	500	10		57	Y225S-4			A		1375	125	630								
250FY-22		660	24	55	Y250M-4	75	Y280S-4	110	Y315S-4	500FY-80	B	1170	100	500							
	A	600	20					90	Y280M-4				C	950	75	315					
	B	550	16					37	Y225S-4		45	Y225M-4	75	Y280S-4		1070	74	500			
		660	52	132	Y315M-4	160	Y315M-4	220	Y355M-4		A	1900	70	500							
250FY-50	A	550	45	90	Y280M-4	132	Y315M-4	160	Y315M-4		B	1520	92	315							
	B	500	40	75	Y280S-4	110	Y315S-4	160			C	1300	38	220							
	C	450	30	55	Y250M-4	75	Y280S-4	110			Y315S-4		2040	96	800						
250FY-80		800	32	250				450		500FY-100	A	1950	91	630							
	A	770	76								355			B	1790	74	500				
	B	700	58								160	Y315M-4	220		315	C	1500	54	315		
	C	630	42	110	Y315S-4	160	Y315M-4	200	Y315L-4			2360	125	1250							
300FY-22		960	22	75	Y280S-4			110	Y315S-4	500FY-125	A	2280	117	1000							
	A	900	20					90	Y280M-4		132	Y315M-4	B	1900	96	710					
	B	800	16					55	Y250M-4		75	Y280S-4	110	Y315S-4	C	1690	70	450			

FYS (HYF) Series Fluorin Plastic Enhanced Alloy Submersible Pump

●FYS(HYF)型氟塑料增强合金液下泵



概述

HYF 型系列化工液下泵是立式单级单吸离心泵。用于输送不含固体颗粒和不易结晶的有腐蚀性液体(特殊定制可输送微量结晶液体)。被输送介质温度 $-20^{\circ}\text{C} \sim 200^{\circ}\text{C}$ 。液下泵工作部分淹没在液体内,轴封无泄漏现象。且占地面积小,使用可靠,维修方便,耐腐蚀性能强等特点。广泛适用于化工、制药、造纸、石油等工业部门。

General

HYF series chemical submersible pump is vertical single-stage single-suction centrifugal pump. It is used in transporting containing no solid grain no crystal corrosive liquids(it can transport tiny crystal liquids for special made) whose temperature is from -20°C to 200°C . The operating parts are submerged in liquids, shaft seal has no leakage. It has advantages such as small area, liable usage, convenience repair, strong anti-corrosive. It is widely used in chemical, medical and petro-chemical industry.

泵性能参数表 Table of property parameters

序号 NO.	型 号 Model	配用电机型号 Motor Model	流量 Capacity(Q)		扬 程 Head (m)	效率(%) Efficiency	转速(n) Speed
			m^3/h	L/s			
1	25HYF-41	Y112M-2B5 4KW	3.6	1	41	16	2900
2	25HYF-25	Y90L-2B5 2.2KW			25	21	
3	25HYF-10	Y90L-2B5 1.5KW			10	22	
4	40HYF-40	Y132S ₁ -2B5 5.5KW	7.2	2	40	31	2900
5	40HYF-25	Y100L-2B5 3KW			25	35	
6	40HYF-16	Y90L-2B5 2.2KW			16	40	
7	50HYF-40	Y132S ₂ -2B5 7.5KW	14.4	4	40	42	2900
8	50HYF-25	Y112M-2B5 4KW			25	50	
9	50HYF-16	Y100L-2B5 3KW			16	53	
10	65HYF-40	Y160M ₁ -2B5 11KW	25	8	40	52	2900
11	65HYF-25	Y132S ₂ -2B5 5.5KW			25	55	
12	65HYF-10	Y112M-2B5 4KW			10	58	
13	80HYF-38	Y160L-2B5 15KW	50	15	38	62	2900
14	80HYF-24	Y160L-2B5 11KW			24	66	
15	80HYF-15	Y132S ₂ -2B5 7.5KW			15	68	
16	100HYF-57	Y200L ₂ -2B5 37KW	100	28	57	63	2900
17	100HYF-37	Y180M-2B5 22KW			37	69	
18	100HYF-23	Y160L-2B5 18.5KW			23	70	

Model LJYA Slurry Pump (Upright)

●LJYA型立卧式料浆泵



概述

LJYA 系列料浆泵为单级单吸立式悬臂式离心液下泵。叶轮为半开式, 叶轮前后均配有耐磨盖, 广泛应用于化工流程输送含 30% 以下固体颗粒, 粘度低于 200CP 的磨、腐蚀交互作用的介质。特别适用于磷肥工业中输送磷酸、磷酸料浆等介质。

输送介质一般低于 110℃。如需输送更高温度的介质, 应考虑用冷却水冷却轴承。

性能范围: 流量 $Q = 10 \sim 400 \text{ m}^3/\text{h}$ 扬程 $H = 5 \sim 50 \text{ m}$ 。

FLX 型系列料浆循环泵为 3~100 万/吨年磷酸工程中的一效二效料浆蒸发浓缩循环的重要配套设备, 该泵具有效率高、汽蚀性能好等特点, 是取代进口设备的优选产品。该系列泵同时广泛应用于化工、石油、冶金、造纸等其它工业部门。

General

Model LJYA series slurry pump is a vertical cantilever - type single - stage - single - suction centrifugal submerged pump. Its blade wheel is a semi - open type. In the front and back of the blade wheel installs an abrasio - resistant cover. The pump is widely used in chemical process for conveying medium containing less than 30% solid granules and with viscosity less than 200cp, which is subject to the interaction of corrosion and abrasion. It is especially suitable for conveying such medium as phosphoric acid, triammonium phosphate slurry, etc. In general, the teperature of the conveying medium is less than 110℃. When conveying medium with higher temperature, the bearing should be cooled with cooling water. Performance scope: flow $Q = 10 \sim 400 \text{ m}^3/\text{h}$ Lift $H = 5 \sim 50 \text{ m}$

The FLX type series anticipates the syrup circulates to pump to 3~1000000/ year in ton phosphorus ammonium engineering in side of an effect two effects anticipates syrup e-vaporate concentrated circulate of important kit Equipments, should pump to have efficient and high, vapor eclipse function good etc. Characteristics, is Replace the ptimization product that imort the equipments. That series pump is extensive at the same time should Used for the other industry in chemical engineering, petroleum, metallurgy, deckle... etc. Sectopm.

主要制造材料及适用介质

Main manufacture mateials and applicable medium

代号 Code	适用介质 Applicable medium
CW-2(CD4MCu)	适用于稀硫酸、湿法磷酸、磷酸料浆、有色冶金电解液 suitable for diluted sulfuric acid, phosphoric acid by wet process, triammonium phosphate slurry, electrolyte of metallurgy of non-ferrous metals
904, UB-8	适用于稀硫酸介质 Suitable for diluted sulfuric acid
CB7Cu	弱腐蚀性砂浆、渣浆及钾肥生产中的光卤石、卤水 Weak corrosive sand slurry, slag slurry, as well as the carnallite and halogen liquid in the production of potassium fertilizers.
316, Mo2Ti	稀硝酸、磷酸、有机酸及含少量硫酸根、氯离子的介质 Diluted nitric acid, phosphoric acid, organic acid and medium containing smal amount of sulfuric acid or chloron
304, 18-8	稀硝酸、有机酸 Diluted nitric acid, organic acids.

除上述材料外, 亦可根据用户需要选用其它材料制造。

Besides the above materials, other manufacture materials can also be chosen according to user's need.

泵性能参数表 Table of property parameters

型 号 Type	流量(m ³ /h) Capacity	扬程(m) Head	转速(r/min) Speed	配用功率(KW) Motor power
10LJYA18-4	10	18	1450	4
10LJYA30-4	10	30	1450	5.5
15LJYA18-4	15	18	1450	5.5
15LJYA30-4	15	30	1450	7.5
20LJYA25-4	20	25	1450	7.5
27LJYA20-4	27	20	1450	7.5
30LJYA30-4	30	30	1450	11
45LJYA20-4	45	20	1450	15
54LJYA20-6	54	20	980	15
60LJYA20-4	60	20	1450	15
85LJYA25-4	85	25	1450	22
110LJYA25-4	110	25	1450	30
160LJYA32-4	160	32	1450	45
160LJYA32-4A	150	26	1450	37
200LJYA32-4	200	32	1450	55
200LJYA32-4A	180	26	1450	45
300LJYA32-4	300	32	1450	75
300LJYA32-4A	270	26	1450	55
400LJYA32-4	400	32	1450	90
400LJYA32-4A	350	25	1450	75

型 号 Type	流量(m ³ /h) Capacity	扬程(m) Head	转速(r/min) Speed	配用功率(KW) Motor power
FLX350	1100	8	980	55-75
FLX400	1800	8	750	90

LSB Series High-temperature vitriol Submerged Pump

●LSB系列高温浓硫酸液下泵



概述

为适应硫酸生产技术发展的需要,我公司与中国科学院金属研究所、上海交通大学、江苏理工大学一起研制开发了 LSB 系列浓硫酸液下泵,并在若干硫酸厂获得了成功应用, LSB 系列浓硫酸泵具有下列特点:

- 1、研制和选择泵的优秀水力模型,使运转性能稳定,并且高效节能。
- 2、研制和采用国内最先进的耐腐材料,过流部件采用 XY-21、XY-31 合金制造,其余部位采用特种耐蚀铸铁制造,使泵的使用寿命进一步加长。
- 3、广泛吸取国内外硫酸泵结构设计的长处,增加吸入管长度;使泵组的刚性提高、运转平稳可靠。
- 4、本系列泵标准化、通用化程度高、互换性好、拆装维护方便。

General

In order to adapt the development requirement of vitriol produce technology, we have empowered LSB series thick vitriol submersible pump with Metal Graduate School of Chinese Academy of Sciences, Shanghai University of Communication and Jiangsu University. And they are successfully applied in several vitriol factories. They have the following characteristics:

1. Select pump excellent water power model, whose performance stable, high efficiency, saving power.
2. Use national advanced coorosive materials, the parts liquids passed are made up of XY-21 and XY-31 alloys. The rest are made up of special corrosive casting iron, which made pump life lengthen.
3. Widely absorbed the advantages of national and international structure design of vitriol pump, lengthen the length of suction pipe, which advances the rigidity of multi cell pump, pump operates level and reliable.
4. This series pump is high standard and high universal, changeable, convenience assemble, dis-assemble and repair.

泵性能参数表 Table of property parameters

泵型号 Model	Q	H	N	η	功率(KW) Power		质量 Weight
	(m³/h)	(m)	(r/min)	(%)	Pa	Par	(kg)
25LSB-40	25	40	2950	60	4.5	11	570
25LSB-40A	23.7	36	2950	59	3.9	11	570
25LSB-40B	22.5	32	2950	58	3.4	11	570
25LSB-40C	21	29	2950	57	2.9	7.5	570
55LSB-40	55	40	2950	66	9.1	22	630
55LSB-40A	52	36	2950	65	7.8	18.5	630
55LSB-40B	49.5	32	2950	64	6.7	15	630
55LSB-40C	46.7	29	2950	63	5.9	15	630
100LSB-40	100	40	2950	68	16	37	740
100LSB-40A	95	36	2950	67	13.9	30	740
100LSB-40B	90	32	2950	66	11.9	30	740
100LSB-40C	85	29	2950	65	10.3	30	740
100LSB-50	100	50	2950	74	18.4	45	735
100LSB-50A	95.3	45.5	2950	73	16.2	37	735
100LSB-50B	90.7	41	2950	72	14	37	735
20LSB-30	20	30	1450	43	3.8	11	730
20LSB-30A	19	27	1450	42	3.3	11	730
20LSB-30B	18	24	1450	41	2.9	7.5	730
20LSB-30C	17	21.5	1450	40	2.5	7.5	730
40LSB-30	40	30	1450	53	6.2	15	980
40LSB-30A	38	27	1450	52	5.4	15	980
40LSB-30B	36	24	1450	51	4.6	11	980
40LSB-30C	34	21.5	1450	50	4.0	11	980
60LSB-30	60	30	1450	65	10	30	940
60LSB-30A	76	27	1450	64	8.7	22	940
60LSB-30B	72	24	1450	63	7.5	22	940
60LSB-30C	68	21.5	1450	62	6.4	18.5	940
200LSB-30	200	30	1450	78	20.9	55	1020

泵性能参数表 Table of property parameters

泵型号 Model	Q	H	N	η	功率(KW) Power		质量 Weight
	(m ³ /h)	(m)	(r/min)	(%)	P _g	P _{st}	(kg)
200LSB-30A	190	27	1450	77	18.1	45	1020
200LSB-30B	180	24	1450	76	15.5	37	1020
120LSB-25	120	25	1450	73	11.6	30	945
120LSB-26A	114	23.5	1450	72	10.1	22	945
120LSB-26B	108	21	1450	71	8.7	22	945
120LSB-26C	102	18	1450	70	7.1	18.5	945
200LSB-22	200	22	1450	75	16	37	1020
200LSB-22A	190	21	1450	74	14.7	37	1020
200LSB-22B	180	17.5	1450	73	11.8	30	1020
250LSB-36	250	36	1450	82	31.6	75	1020
250LSB-36A	236	34	1450	81	27.2	75	1020
280LSB-30	280	30	1450	79	29	75	1020
280LSB-30A	266	27	1450	78	25	55	1020
280LSB-30B	252	24	1450	77	21.4	55	1020
360LSB-30	360	30	1450	80	36.8	90	1590
360LSB-30A	342	27	1450	79	31.8	75	1590
360LSB-24	360	24	1450	78	30.2	75	1660
360LSB-24A	342	21.5	1450	77	26	75	1660
360LSB-24B	324	19	1450	76	22.1	55	1660
360LSB-24C	306	17	1450	75	18.9	55	1660
600LSB-30	600	30	1450	82	59.8	132	2665
600LSB-30A	570	27	1450	81	51.7	110	2665
600LSB-30B	540	24	1450	80	44.1	110	2665
600LSB-30C	510	21	1450	79	36.9	90	2665
780LSB-30	780	30	1450	75	85	200	3000
780LSB-30A	740	27	1450	74	73.5	185	3000
780LSB-30B	702	24.3	1450	73	63.6	160	3000
780LSB-30C	663	21.7	1450	72	54.4	132	3000

LHY series heat preservation sulfur pump

●LHY系列保温硫磺泵



概述

小流量、高扬程硫磺泵是我公司根据早期我国硫酸工业工艺特点，联合设计院、大专院校共同开发的重点产品。该泵由于扬程特高、流量特小、比转速特低、已不可能用离心泵的形式来达到性能要求、用旋涡泵则在运转过程中性能不稳定，故采用全新技术进行水力设计，具有普通离心泵、旋涡泵所不具备的特殊优点。他填补了国内空白，达到国际先进水平，替代了进口，节省了投资，广泛适用于各种规模制酸工艺流程中输送130~150℃的液体硫磺，随着系列的完善。也可适用于其他高温、保温的工况。

基本型：主要用于介质熔点不高，停机后会很快凝固的情况，如沥青等；夹套型：主要用于介质温度、熔点不高，停机后很快凝固的情况，如硫磺；非夹套型：主要用于介质熔点很高或停机后介质不会凝固的情况，如熔盐。

性能参数

流量：Q=0.2~400
扬程：H=2~150
温度：T=500℃
压力：P=1.6MPa
液下深度：L=0.5~5m

General

Sulfur pump with small flow capacity, high delivery lift, is developed on the strength of previous sulfur acid pump, collaborated with institutes, it is characteristic of high delivery lift and small flow capacity, impossible achieved by centrifugal pump, while unstable performance existing during operation of volute pump. Therefore, adopt latest hydraulic design, integrating unique advantages of centrifugal pump and volute pump. It has filled in domestic gap, reached international advanced level, able to substitute for imported ones, economizing relevant investment, widely used in acid making procedure to convey liquefyde sulfur under 130~158℃, with improvement, it also can be used under other hi-temperature and insulation working conditions.

Basic type: mainly used for medium melting point is not high, after shutdown will soon solidify, such as asphalt; jacketed type: mainly used for medium temperature, melting point is not high, after shutdown will soon solidify, such as sulfur; non jacketed type: mainly used for medium melting point is very high or after shutdown will not solidify, such as molten salt.

Parameter range

Capacity: Q=0.2~400
Hdad: H=2~5
Temperature: T=500℃
Pressure: P=1.6MPa
Under water depth :L=0.5~5m

泵性能参数表 Table of property parameters

型号 Model	流量 Capacity (m³/h)	扬程 m Head	转速 r/min Speed	配用功率及电机型号 Matched power of motor model		
				$\rho=1000\text{kg/m}^3$	$\rho=1400\text{kg/m}^3$	$\rho=1860\text{kg/m}^3$
LHY-1/60	0.2-3	60		4	5.5	7.5
LHY-1/80	0.2-3	80		5.5	7.5	11
LHY-1/100	0.2-3	100		5.5	11	15
LHY-1/120	0.2-3	120		7.5	11	15
LHY-6/60	3-10	60	2900/	7.5	11	15
LHY-6/80	3-10	80	1450	11	15	18.5
LHY-6/100	3-10	100	转速 根据 液下 深度 确定	15	18.5	22
LHY-6/120	3-10	120		15	22	30
LHY-15/30	15	30		2.2	3	40
LHY-15/50	15	50		7.5	11	40
LHY-15/80	15	80		15	18.5	22
LHY-25/30	25	30		5.5	7.5	11
LHY-25/50	25	50		11	15	18.5
LHY-25/80	25	80		18.5	30	37
LHY-50/30	50	30		11	15	18.5
LHY-50/50	50	50		15	22	30
LHY-100/30	100	30		18.5	22	30
LHY-100/50	100	50		22	30	37
LHY-200/50	200	50		45	55	75

GY Series High-temperature fusil hydrochloric Pump

●GY系列高温熔盐液下泵



概述

GY 型系列高温熔盐液下泵,是我公司在多年生产的 RY 型熔盐泵基础上根据用户的需要,参考国外同类型产品的结构进行开发设计的 RY 型升级换代产品。

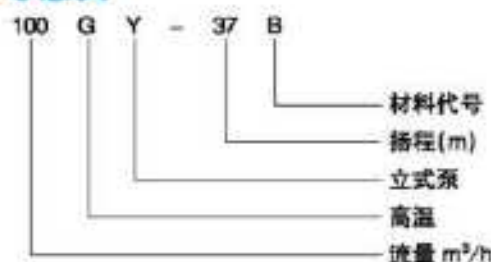
GY 系列较替代产品 RY 型熔盐泵产品系列更完善,使用寿命更长,并从单一的熔盐输送,进而转化为除熔盐外,同时可作为高温化工物料的输送,介质使用温度 $< 540^{\circ}\text{C}$ 。

GY 系列在设计上充分考虑了传动部位的冷却,输送介质饱和蒸汽的密封等工况条件,对原 RY 型泵结构作了大量的改进并通过试验进行验证:

- 1、轴承部位设有冷却装置,使轴承工作环境不受高温介质的影响。
- 2、冷却水与轴直接接触,介质的高温不会因轴而传递到转动部份。
- 3、独特的结构,确保冷却水绝对不进入介质。
- 4、无须维修耐高温的密封装置,使被输送介质的饱和蒸汽不致于逸出,(特别在输送熔融盐的工况,即使少量的亚硝酸盐饱和蒸汽对人体有害,致癌。)

多种耐高温、耐腐蚀材料的组合,使 GY 系列高温液下泵不但适用于如:膜式法固碱,有机氯裂解使用的二元、三元组份的熔盐,也可使用于磷肥、石油裂解等装置的高温流体输送。由于彻底杜绝了热量传至传动部位,因此 GY 系列泵较同类型高温液下泵(熔盐泵)寿命大大提高。

型号意义



General

Next pump in liquid in fusil hydrochloric in series heat in GY type, is RY my factory to produce at many year in the type fusil hydrochloric pump foundation according to the demand of the customer, consult abroad of the same kind type product of The construction proceeds the RY type that develop the design promotes to higher grade to change the on behalf product.

The series of GY than act for the product RY type fusil hydrochloric pump product line more perfect. The service life is more long, combining to transport from the single the salt of fusil, then converting in to divided by the fusil hydrochloric salt outside, can be used as at the same time the heat chemical engineering material transport.

The series of GY considers to spread the cooling that move the part well on the design, transporting Lying the saturated steam in quality seals completely to wait the work circumstances term, making to the original RY type pump construction A flood of improvement and pass to experiment the proceeding verification:

1. the bearings part establishes the cooling device, making bearings work environment not submit to and high The temperature lies the influence of the quality.
2. cool off the water to get in touch with stalk directly, lie the heat of the quality can't spread because of stalk Pass to turn to move the part.
3. special construction, insure cooling water absoluteness not enter to lie the quality.
4. need not to maintain to bear the heat seal completely the device, making is transported to lie the quality satisfied Divert unlikely with the steam, (special at work circumstances that transport the meltdown salt, even The saturated steam in a little amount and second nitrate also is harmful to the human body, cancer-causing.)

The variety bears the heat and bear the corrosion bears the combination that what the material, making next pump in GY series heat liquid been applicable to not only such as: film type method solid alkali, the organism fluorin break lies two dollars, three dollar a heat for of the fusil hydrochloric, and also can using in phosphate fertilizer, petroleum break solution etc. device fluid of the usage transports. Because eradicating completely thoroughly the calories spreads to spread to move the part, for this reason GY series pump than the next pump (fusil hydrochloric pump) in liquid in heat in type in of the same kind life span increases consumedly.

Meaning of model code

B - Material code number 37 - capacity(m)
Y - upright pump G - heat 100 - head m^3/h

泵性能参数表 Table of property parameters

型号 Model	流量 (m³/h) Capacity	扬程 m Head	转速 r/min Speed	配用功率 kw Motor power
10GY20	10	20	1450	7.5
10GY60	10	60	1450	15
20GY20	20	20	1450	11
20GY30	20	30	1450	11
30GY30	30	30	1450	18.5
40GY30	40	30	1450	18.5
50GY25	50	25	1450	18.5
50GY40	50	40	1450	37
65GY50	65	50	1450	45
100GY37	100	37	1450	45
100GY60	100	60	1450	75
120GY32	120	32	1450	45
150GY25	150	25	1450	75
150GY35	150	25	1450	75
200GY20	200	20	1450	75
200GY60	200	60	1450	132
260GY60	260	60	1450	160
360GY37	360	37	1450	132
420GY40	420	40	1450	200
500GY40	500	40	1450	250

Model-PNL Slurry Pump

●PNL系列泥浆泵



概述

PNL 型泵为立式单级单吸泥浆泵，适用于输送含固体颗粒的液体，广泛适用在火电厂水力除灰，选矿厂精矿，尾矿输送领域，输送最大重量浓度为 50-60%。

General

Type PNL pump is vertical single-stage and single-suction dredge pump, which applies to pump the liquid containing solid particle, such as ash removing by waterpower for thermal power factory, concentrate for ore dressing plant. The max. weight concentration is 50-60%.

泵性能参数表 Table of property parameters

型号 Type	流量 Capacity		扬程 Head (m)	转速 Speed (r/min)	功率 Motor (kw)		效率 Eff. η %	叶轮直径 D2 (mm)	泵重量 Weight (kg)
	m ³ /h	L/s			轴功率 Shaft power	电机功率 Motor power			
3PNL	54	15	26	1450	12	22	32	300	450
	108	30	21		14.7		42		
	151	42	15.5		16.7		37		
2PNL	30	8.33	22	1450	5.45	11	33	265	150
	47	13.05	19		6.25		39		
	58	16.1	17		6.9		38		
8PNL	550	152.8	63	980	155	210	61	635	4000
10PNL	1030	286.1	68	980	489	780	50.5	750	4600
250PNL(Ⅱ)	1040	288.9	75	740	317.2	570	67	900	6500(8000)
250PNL(Ⅱ)	1040	288.9	90	740	380	570	67	965	6500(8000)
250PNL(Ⅱ)	830	230.6	57	590	194	310	67	965	6500(8000)
250PNL(Ⅱ)	1000	333.3	68	740	276.5	475	67	850	6500(8000)
250PNL(Ⅱ)	800	222.2	44	590	143	360	67	850	6500(8000)

KCB、2CY Series Gear Oil pump

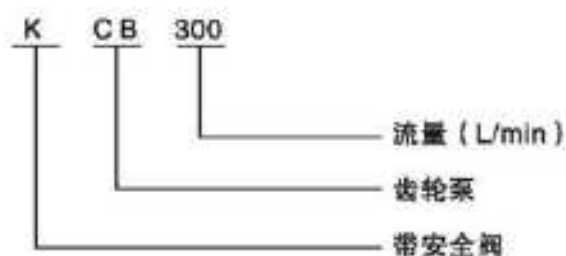
●KCB型、2CY型齿轮式输油泵



概述

本泵适用于输送各种有润滑油体的液体，温度不高于70℃，如需高温200℃，同本单位联系可配用耐高温材料即可，粘度为 $5 \times 10^{-6} \sim 1.5 \times 10^{-3} \text{ m}^2/\text{S}$ 。本泵不适用于输送腐蚀性的、含硬质颗粒或纤维的、高度挥发或闪点低的液体，如汽油、苯等。

型号意义



General

The pump is appropriate to convey diverse lubricants with temperature less than 70℃, if temperature up to 200℃ required, heat resistant material has to be matched with viscosity $5 \times 10^{-6} \sim 1.5 \times 10^{-3} \text{ m}^2/\text{S}$. This pump is inappropriate to convey corrosive, volatile and low flash point liquid with solid particle or fiber contained, as gasoline, benzene.

Meaning of model code

K—with safety valve

CB—Gear pump

300—Flow capacity(L/min)

泵性能参数表 Table of property parameters

型 号 Type	口径 Diameter	流量 capacity (L/min)	排出压力 Exhaust pressure (Mpa)	吸程 Suction distance (m)	电机功率 Motor power (kw)
KCB-18.3 2CY-1.1/14.5-2	3/4"	18.3	14.5	5	1.5
KCB-33.3 2CY-2/14.5-2	3/4"	33.3	14.5	5	2.2
KCB-55 2CY-3.3/3.3-1	1"	55	0.33	5	1.5
KCB-55 2CY-3/3.5-2	1"	55	0.50	5	2.2
KCB-83.3 2CY-5/3.3-2	1 1/2"	83.3	0.33	5	2.2
KCB-83.3 2CY-5/5-2	1 1/2"	83.3	0.50	5	2.2
KCB-200 2CY-8/3.3-2	2"	200	0.33	5	3
KCB-200 2CY-12/1.3-2	2"	200	0.33	5	4
KCB-200 2CY-12/3.5-2	2"	200	0.33	5	4
KCB-200 2CY-12/6-2	2"	200	0.33	5	5.5
KCB-200 2CY-12/10-2	2"	200	0.33	5	5.5
KCB-200 2CY-12/3.6-2	2 1/2"	200	0.33	5	7.5
KCB-300 2CY-18/3.6-2	3"	300	0.33	5	5.5
KCB-300 2CY-18/6-2	3"	300	0.33	5	7.5
KCB-483.3 2CY-29/3.6-2	3"	483.3	0.33	5	7.5
KCB-483.3 2CY-29/3.8-2	3"	483.3	0.33	5	11
KCB-633 2CY-38/2.8-2	4"	633	0.28	5	11
KCB-633 2CY-38/6-2	4"	633	0.28	5	22
KCB-960 2CY-60/3-2	4"	960	0.3	5	18.5
KCB-960 2CY-60/6-2	4"	960	0.3	5	30
KCB-1667 2CY100/3-2	6"	1667	0.3	5	30
KCB-1667 2CY100/6-2	6"	1667	0.6	5	55
KCB-2000 2CY120/3-2	6"	2000	0.3	5	30
KCB-2000 2CY100/6-2	6"	2000	0.6	5	55
KCB-2500 2CY150/3-2	6"	2500	0.3	5	37
KCB-2500 2CY150/7-2	6"	2500	0.7	5	75
KCB-3000 2CY180/6-2	10"	3000	0.6	5	110
KCB-3800 2CY230/6-2	10"	3800	0.6	5	110
KCB-4100 2CY250/6-2	10"	4100	0.6	5	90
KCB-5400 2CY320/6-2	10"	5400	0.6	5	110

DBY、QBK Series Diaphragm pump

DBY、QBK型隔膜泵



概述

DBY系列电动隔膜泵，采用摆线针轮减速机传动，通过曲轴滑动机构带动双隔膜作往复运动，使工作腔容积发生交替变化从而达到将液体不断地吸入和排出。同时，近年来由于隔膜材质取得了突破性的进展，大大地延长隔膜的使用寿命，因此被越来越广泛地替代部分离心泵、螺杆泵应用于石化、陶瓷、冶金等行业。

QBK气动隔膜泵，具有使用寿命长，不会停转等优点，它既能抽送流动的液体，又能输送一些不易流动的介质，具有自吸泵、潜水泵、屏蔽泵、泥浆泵和杂质泵等输送机械的许多优点。

1. 不需灌引水，吸程高达6m，扬程达70m。
2. 流动宽畅，通用性能好，允许通过最大颗粒直径达10mm，抽送泥浆、杂质时，对泵磨损甚微；
3. 扬程、流量可通过气阀开度实现无级调节（气压调节在1-8bar之间）。
4. 由于隔膜将输送的介质与泵的运动部件完全隔开，所以介质不会向外泄漏。输送有毒、易燃或腐蚀性介质时，不会造成环境污染和危害人身安全。
5. 不必用电。在易燃、易爆场所使用安全可靠。
6. 可以浸没在介质中工作。
7. 使用方便、工作可靠、开停只需简单地打开和关闭气体阀门，即使由于意外情况而长时间无介质运行或突然停机，泵也不会因此而损坏。一旦超负荷，泵会自动停机，具有自我保护性能，当负荷恢复正常后，又能自动启动运行。
8. 结构简单、易损件少，该泵结构简单，安装、维修方便，泵输送的介质不会接触到配气阀、连杆等运动部件，不象其他类型的泵因转子、活塞、齿轮、叶片等部件的磨损而使性能逐步下降。
9. 可输送较粘的液体（粘度在1万厘泊以下）。
10. 本泵无须用油润滑，即使空转，对泵也无任何影响，这是该泵最大特点。

General

DBY series of electric diaphragm pumps, using swing needle wheel gearbox transmission, through the crankshaft sliding mechanism to drive the double diaphragm for removal, so that the working cavity volume changes alternately so as to achieve the continuous inhalation and discharge of liquid. At the same time, in recent years, due to the breakthrough progress of diaphragm material, greatly extending the service life of diaphragm, so it is more and more widely replaced part of centrifugal pumps, screw pumps for petrochemical, ceramic, metallurgy and other industries.

QBK pneumatic diaphragm pump, with a long service life, will not stop and other advantages, it can not only pump flowing liquid, but also can convey some difficult to flow media, with self-suction pump, submersible pump, shielding pump, mud pump and impurity pump and other transport machinery many advantages.

1. It's unnecessary to pour the drawing water, the suction lift reaches 6m height, the delivery lift reaches 70m length.
2. Wide flow and good performance. The diameter allowed to pass the max grain reaches 10mm. The damage is very less to the pump while exhausting the slurry and impurity.
3. The delivery lift and flow can pass the pneumatic valve open to realize the step less adjustment (the pneumatic pressure adjustment is between 1-8bar).
4. The diaphragm separates the working medium from the pump's moving parts completely, so the medium will not leak outside. It will not result in environmental pollution or endanger personal safety when transporting toxic, volatile or corrosive media.
5. No electricity. It's safe and reliable while using in the flammable and explore places.
6. It can be soaked in medium.
7. It's convenient to use and reliable to work. Only open or close the gas valve body while starting or stopping. Even if no medium operation or pausing suddenly for long time because of accident matters, the pump will not be damaged caused by this. Once over loading, the pump will automatically stop and possesses the self protection function. When the load recovers normally, it also can start automatically.
8. Simple structure and less wearing parts. This pump is simple in structure, installation and maintenance. The medium conveyed by the pump will not touch the matched pneumatic valve and coupling lever etc. Not like other kinds pumps, the performance will drop down gradually because of the damages of rotor, gear and vane etc.
9. It can transmit the adhesive liquid (the viscosity is below 10000 centipoises).
10. This pump needn't the oil lubricant. Even if idling, it has any influence to the pump. This is a characteristic of this pump.

泵性能参数表 Table of property parameters

型 号 Type	泵 pump		流量 Capacity m³/h	扬程 Head m	吸程 Suction m	配备功率 Power kw	使用温度℃ Use the temperature			配备减速机 型 号 Equipped with a gearbox model
	进口 Import	出口 Export					铸铁 Cast iron	不锈钢 Stainless steel	铝合金 Aluminum alloy	
DBY-10	丝扣	3/8"	0.5	40	3	0.55	100	150	80	XWD0.55-2-35
DBY-15	丝扣	1/2"	0.75	40	3	0.55	100	150	80	XWD0.5-2-35
DBY-25	25	25	3.5	40	4	1.5	100	150	80	XLD1.5-3-35
DBY-40	40	40	4.5	40	4	1.5	100	150	80	XLD1.5-3-35
DBY-50	50	50	6.5	40	4.5	2.2	100	150	80	XLD2.2-3-35
DBY-65	65	65	8	40	4.5	2.2	100	150	80	XLD2.2-3-35
DBY-80	80	80	16	40	5	3	100	150	80	XLD3-3-35
DBY-100	100	80	20	40	5	3	100	150	80	XLD3-35

型号 Type	最大流量 Max Flow Rate (L/min)	出口压力 (最大) Discharge Pressure (Bar)	吸程 Sucked Lift (m)	最大允许 颗粒直径 Max Grain Diameter (mm)	最大空气 消耗量 Max Air Consumption (L/min)	隔膜材质 Material of diaphragm					
						聚醚弹性体 Max Air Consumption (L/min)	丁腈橡胶 Buna-N	氯丁橡胶 Neoprene	乙丙橡胶 EPDM	氟橡胶 Viton	四氟 Teflon
QBK-8	18.9	6.9	6	1	252	●	●	●	●	●	●
QBK-10-15	57	7	6	2.5	672	●	●	●	●	●	●
QBK-25	151	8.4	6	3.2	1120	●	●	●	●	●	●
QBK-40	378	8.4	6	4.8	2240	●	●	●	●	●	●
QBK-50	568	8.4	6	6.3	4900	●	●	●	●	●	●
QBK-65	568	6.9	6	8	4900	●	●	●	●	●	●
QBK-80	1041	8.4	6	10	9100	●	●	●	●	●	●
QBK-100	1041	6.9	6	10	9100	●	●	●	●	●	●

2BV Series water ring vacuum pump

●2BV系列水环式真空泵



概述

2BV2、2BV5系列真空泵，该真空泵为单级直联结构，2BV6系列液环真空泵，该真空泵通过托架配直联防爆电机。

2BV真空泵与电机组成一体体积小结构紧凑的单一整体，安装时只需一水平平面即可，而无需底盘。

2BV真空泵依据水环原理工作，叶轮偏心安装于泵体内，泵启动后，工作液在泵体形成一与泵体同心的液环，叶轮将功率传递给液环。液环在叶轮叶片间周期性脉动，脉动时，气体自圆盘吸入入口吸入，再经压缩后自圆盘排气口排出。

2BV2、2BV5，适于连续运转，用于形成真空，适合抽除干湿气体，主要是非易燃，非腐蚀性大气和大气/蒸汽混合物。

2BV6适用于抽除易燃易爆气体及易燃、易爆的工作环境。

工作液通常是水。

不锈钢泵适用于防腐及卫生要求更加苛刻的场合。

2BV真空泵用于粗真空范围，极限真空由工作液饱和蒸汽压决定。

General

2BV2, 2BV5 series vacuum pump, the vacuum pump is single-stage direct connection Structure, 2BV6 series Liquid ring vacuum pump, the vacuum pump through the bracket with direct joint defense Blow up the motor.

2BV vacuum pump and motor constitute a small and compact single integral motor Only a horizontal plane is needed for the installation, and no chassis is needed.

2BV vacuum pump works according to the principle of water ring, and the impeller is eccentrically installed on the pump in the body, after the pump starts, the working fluid forms a concentric liquid in the pump body. The impeller transfers power to the liquid ring. The periodicity of liquid ring between impeller blades Pulsation, when pulsating, the gas is sucked in from the suction port of the disk, and then compressed and transported from the disk. The disk outlet discharges.

2BV2, 2BV5, suitable for continuous operation, used to form vacuum, suitable for operation The dry and wet gases are mainly non flammable, non corrosive atmosphere and atmosphere/Steam mixture.

2BV6 is suitable for removing inflammable and explosive gas and inflammable and explosive work Environmental Science.

The working fluid is usually water.

The stainless steel pump is suitable for the occasions with more stringent requirements for corrosion protection and sanitation.

2BV vacuum pump is used in the range of coarse vacuum, and the limit vacuum is filled by working fluid And vapor pressure.

曲线编号 Curve No.	产品型号 Product model	额定功率kw Rated power	最大气量m³/h Maximum air volume	极限压力 hpa extreme pressure	工作液流量m³/h Working fluid flow	重量kg weight	噪音db(A) noise
60V	2BV2060	0.81	27	33	0.12	32	62
61V	2BV2061	1.45	52	33	0.12	33	65
70V	2BV2070	2.35	80	33	0.15	50	66
71V	2BV2071	3.85	110	33	0.25	62	72
110V	2BV5110	4	165	33	0.4	94	63
111V	2BV5111	5.5	230	33	0.5	110	68
121V	2BV5121	7.5	280	33	0.6	136	69
131V	2BV5131	11	400	33	0.9	184	73
161V	2BV5161	15	500	33	1.2	296	74

J Series metering pump

●J系列计量泵



概述

J 系列计量泵是一种往复式排量泵，亦称比例泵，可控容积泵或定量泵。按泵共分类：柱塞型、液压隔膜型、机械隔膜型。

特点

该泵性能优越，其中的隔膜式计量泵具有不泄漏。安全性高，计量精确。可输送各种易燃、易爆、剧毒、放射性、强刺激性、强腐蚀性液体。流量可在零到最大额定值范围内任意调节、压力可从常压到最大允许范围内任意选择，而且调节的直观清晰、工作平稳、无噪声、体积小、重量轻，维护方便，还可并联使用，最新研制的机械隔膜泵可供最大流量 (1800L/h) 低压力属经济泵型。

用途

该泵品种多、性能全、计量精确、选择性广，适用于输送温度为 $-30\sim 450$ 摄氏度，粘度为 $0.3\sim 800\text{mm/s}$ ，最高排出压力可达 64MPa ，流量范围在 $0.1\sim 18000\text{L/h}$ ，计量精度在 $\pm 1\%$ 以内，在连续输送各种液体介质的工艺流程中起独特的作用。

General

J series metering pump is a kind of reciprocating displacement pump, also known as proportional pump, controllable volume pump or quantitative pump. According to the pump classification: plunger type, hydraulic diaphragm type, mechanical diaphragm type.

Characteristic

The performance of the pump is superior, and the diaphragm metering pump has no leakage. High safety and accurate measurement. It can transport all kinds of flammable, explosive, highly toxic, radioactive, strong irritant and corrosive liquids. The flow rate can be adjusted from zero to the maximum rated value, and the pressure can be selected from normal pressure to the maximum allowable range. Moreover, the adjustment is intuitive and clear, stable, noiseless, small in size, light in weight, and easy to maintain. It can also be used in parallel. The newly developed mechanical diaphragm pump can provide maximum flow. The pump with low pressure (1800l/h) is economical.

Use

The pump has many varieties, complete performance, accurate measurement and wide selection. It is suitable for conveying temperature of $-30\sim 450\text{ }^{\circ}\text{C}$, viscosity of $0.3\sim 800\text{mm/s}$, maximum discharge pressure of 64mpa , flow range of $0.1\sim 18000\text{l/h}$, and measurement accuracy of $\pm 1\%$. It plays a unique role in the process of continuous conveying various liquid media.

泵性能参数表 Table of property parameters

型 号 Model	流量 Capacity L/h	压力 Pressure MPa	功率 Power kw	口径 Caliber DN	材 质 texture of material
50L/0.8MPa	50	0.8	0.37	DN15	PVC
90L/0.8MPa	90	0.8	0.37	DN15	PVC
120L/0.8MPa	120	0.8	0.37	DN15	PVC
170L/.7MPa	170	0.7	0.37	DN15	PVC
240L/0.5MPa	240	0.5	0.37	DN15	PVC
300L/0.5MPa	300	0.5	0.55	DN15	PVC
400L/0.5MPa	400	0.5	0.55	DN15	PVC
500L/0.5MPa	500	0.5	0.55	DN15	PVC
600L/0.3MPa	600	0.3	0.75	DN15	PVC
800L/0.2MPa	800	0.2	0.75	DN25	PVC
1000L/0.1MPa	1000	0.1	0.75	DN25	PVC

型 号 Model	流量 Capacity L/h	压力 Pressure MPa	功率 Power kw	口径 Caliber DN	材 质 texture of material
50L/0.8MPa	50	0.8	0.37	DN15	304
90L/0.8MPa	90	0.8	0.37	DN15	304
120L/0.8MPa	120	0.8	0.37	DN15	304
170L/.7MPa	170	0.7	0.37	DN15	304
240L/0.5MPa	240	0.5	0.37	DN15	304
300L/0.5MPa	300	0.5	0.55	DN15	304
400L/0.5MPa	400	0.5	0.55	DN15	304
500L/0.5MPa	500	0.5	0.55	DN15	304
600L/0.3MPa	600	0.3	0.75	Dn20	304
800L/0.2MPa	800	0.2	0.75	DN25	304
1000L/0.1MPa	1000	0.1	0.75	DN25	304

注：其它材质：316衬氟等。



球 阀



遥控浮球阀



截 止 阀



闸 阀



止 回 阀



对夹蝶式止回阀



蝶 阀



液 压 阀



旋 式 阀



减 压 阀



安 全 阀



疏 水 阀



溢 压 阀



氮截止阀



衬胶衬氮阀门



不锈钢放料阀



不锈钢球阀



不锈钢底阀



不锈钢止回阀



截 止 阀



衬阀<F46>球阀



衬阀<F46>截止阀



保温截止阀



衬氟 <F46>蝶阀



蝶 阀



电 磁 阀



电动闸阀



电动薄型闸阀



调 节 阀



管 夹 阀



缓闭逆止阀



流量控制阀



快速排污阀



排 泥 阀



平板闸阀



气动、电动截止阀



水力控制阀



旋 塞 阀



各类耐腐管道、弯头

高线导卫系列



扁钢总成



角钢滑动导卫



RE170WB扁钢滚动导卫



三辊角钢滚动导卫



粗轧出口扭转导卫



摩根型导卫总成



窄型扭转导卫



三切分导卫

链篦机——回转窑工艺

是目前国外生产铁矿球团的主要手段之一，国内许多冶金企业对这种工艺进行了引进和开发。用这种工艺生产球团的优点：

1、生产效率高，成本低。2、与烧结机相比返回料极少，粉尘低，有利环境。3、球团的抗压性能与品位较高，能满足大型高炉对炉料的要求。

本公司采用特殊稀土处理铸造工艺和机械加工方法，生产链篦机、回转窑、环冷机等设备中关键耐热钢部件。如链节、篦板、链轮、铲料板、滑轨、製板、小轴、定距管、流槽体、窑头窑尾卡口铁、筒体梁等。



链篦机



回转窑



链篦床



侧板

篦板



窑头尾护板

流槽体



铲料板

链节

辐射管系列



直型辐射管



U型辐射管



U型辐射管



W型辐射管

炉辊系列



CSP炉辊



带环炉底辊



锻钢冷轧支承辊



炉底辊



辊道



偏导辊

加热炉、热处理炉、连铸

生产各种规格的衬板、喷嘴、锤头、烧结台车、炉篦条、篦板、辊子、干燥床、干熄焦衬板

主要材质:

• 3Cr24Ni7Mn3Si2NRe • 高锰钢 • 40Cr25Ni20Re • 稀土耐热钢 • 高铬铸铁铬合金耐磨钢



冷烧台车



烧结台车



篦板



上刮刀



大小篦条



齿冠



润磨机篦板



炉篦

稀土处理工艺的特点

脱氢脱氧率高 可使钢液的脱氢脱氧率提高到80%，从而减少了弥散性氧化夹杂。

脱硫脱磷能力强 稀土元素与钢液中的硫、磷等有害物质反应生成熔点高达2100℃以上的化合物，漂浮在钢液上，很容易去除，达到脱硫脱磷的目的，从而提高了合金钢的持久性能，抗冷裂和热裂性能。

提高合金氧化膜的稳定性 通过稀土处理，阻止了合金的氧化进程，防止合金晶界的早期被破坏。



网板、护板



料盘、轨道



扇形护扇器



平导轨



步进梁、固定梁



合金滑轨



料筐



料筐

电力产品



弯管 (带法兰)



弯管



直管



圆风门



三通管



落煤斗



螺旋管



方圆接头



三通管



料斗



磨辊



料斗



关闭挡板风门



调节挡板风门



隔绝门

贴片耐磨陶瓷煤粉管道、弯头

氧化铝内衬陶瓷耐磨弯头，在欧美发达国家有着极其广泛的应用。在80年代开始随着进口的美欧火力发电机组进入我国电力送粉系统后，取得了良好的效果，渐渐占据了越来越大的国内市场，是目前耐磨寿命最长的产品。本公司在引进消化的基础上开发出“金属陶瓷耐磨结构件”（拱形氧化铝陶瓷煤粉弯头）其特点如下：



1、独特的贴附技术

利用拱形自嵌原理设计，瓷块形成360℃机械自撑结构，陶瓷块紧贴钢管内壁互压贴附，所有陶瓷块接触表面边缘采用锥形设计，瓷块间块块互锁，有效地保证了瓷块不会脱落，瓷块与钢管内壁间隙填充可耐1100℃的高温粘结火泥，从而起到了双重保护。

2、高精度的瓷块切割

弯头角度设计最大不超过15度，瓷块的宽度、边角锥度和接触角度等参数经CAD设计完成，瓷块形状经金刚石切割片精确切割完成。物料流动方向瓷块间隙小于0.5mm。物料流动垂直面方向的瓷块间隙不大于1mm，相邻间瓷块平面高低差不超过2mm。

3、能承受苛刻的工况

由于采用高分子粘结剂作为陶瓷与钢管的固定方法，故弯头可承受物料所产生的较大冲击力和较高温度工况条件下使用。

4、我公司生产的氧化铝陶瓷采用高纯、超细、粒径单一狭窄，并经喷雾干燥送粒处理的高品质氧化铝粉末为原料，科学的配方组份设计和优化的烧结工艺而成。素坯体经过1520℃的温度烧结使材料充分致密，较低的烧结温度保证了材料具有细晶结构，解决变形的难题。

5、超长的使用寿命

选用大于95%含量的氧化铝陶瓷材料硬度高、耐磨性能好。采纳12.7mm或25.4mm陶瓷块作内衬，远大于一般小陶瓷片和离心复合铸管陶瓷层3mm与5mm的厚度，在一般工况条件，25.4mm规格厚度的内衬寿命可达30年以上。

6、安装便利

采用外钢壳（材料：Q235A厚5-6mm）内衬陶瓷层虾米节弯头结构，端口联接形式依据不同的设计要求可采用多种形式，弯头具有重量轻、体积小和现场施工可焊性好等特点。

中速磨配件

中速磨煤机主要用于燃煤电厂燃料粉磨，也适用于高炉喷煤和建材、化工、纺织煤粉燃烧装置或煤粉制作。对含有一定成分的烟煤、次烟煤以及部分褐煤均有良好的适应性。中速磨煤机主要有给煤管、分离器、磨盘装置、磨辊装置、加压装置、传动装置和机壳组成。原煤经给煤落入磨盘，磨盘由传动装置带动旋转，磨辊在受加压装置的压力下由磨盘带动绕自身轴作滚动运动。落在磨盘上的原煤在离心力作用下抛向四周，经磨辊碾压粉碎。碾碎的煤粉由于气流带到分离器筛选，合格煤粉随气流带出磨煤机，不合适的煤粉落回到磨盘上重新碾磨。



双金属耐磨衬板



耐磨衬板



组合自紧固型无螺栓衬瓦



棒磨机衬板



耐磨衬板



耐磨衬板



定锥衬板

新型耐热材料稀土耐热钢

概述

钢的抗氧化性是指在高温下具有对气体介质的氧化腐蚀稳定性,它是保证工件在高温下能够持久工作的重要条件,现今提高钢的高温抗氧化的基本方法是合金化。钢中添加足够数量的铬、硅、锰等合金元素,使钢在高温氧化气氛下表面能生成一层稳定致密的 $\text{Cr}_2\text{O}_3/\text{SiO}_2$ 和 Al_2O_3 的氧化膜。这些氧化膜能牢固地附着金属的表面,从而能有效地保护金属免受高温气体的氧化及介质的腐蚀作用。铬是提高钢的高温抗氧化的主要元素,工件使用温度愈高,应相应增加钢中含铬量。随着钢中含铬量增加,氧化铬膜的稳定提高,膜的厚度与致密也增加。试验表明,工件工作温度 $600\sim 659^\circ\text{C}$ 需含5%Cr,工作温度 800°C 需含12%Cr,工作温度 950°C 需含12%Cr,工作温度 1100°C 需含28%Cr。为了进一步增加材料的抗氧化性能,在材料中添加一定数量的镍(Ni)、钨(W)、钴(Co)及稀土以提高铬原子的扩散能力和扩大奥氏体组织,提高钢的耐热性和热强性。

优点

- 1、在同种条件下,此材料具有耐高温、耐腐蚀、抗氧化,并且有足够的高温强度,同时适应机械加工要求。
- 2、在同样工况条件下,新型材料比其他材料寿命提高6-8倍,保证电厂设备两个修期以上。
- 3、新型材料制造工艺简便,成型后外形几何尺寸保证符合图纸技术要求。
- 4、新型材料在高温区使用不变形、强度高、耐磨和耐腐蚀性能好。
- 5、比ZG30CNS材料制造成本低。

适用范围

新型耐热材料稀土耐热钢广泛应用于火电厂锅炉喷嘴、预燃室、扩口、梳形板、管夹管套等;冶金炉门、炉篦、炉底辊;玻璃辊、辐射管热处理炉料筐、炉罐等耐热材料产品。



多功能燃烧器



粉煤风室



喷嘴



一次风喷嘴



二次风喷嘴



三次风喷嘴



燃烧器喷嘴



风帽



风帽

巴氏合金轴瓦系列

我公司生产的巴氏合金轴瓦应用于冶金、矿山、电力等行业。现已形成4大系列100多个中规格轴瓦产品。选用云锡优质合金并采用静态和离心浇铸方法制造，产品质量可靠，使用性能优良，深受用户青睐。



电机瓦(E12-E45)



减速机瓦



偏心套



三连箱轴瓦(250-850)



球磨机1/2球瓦

膨胀节

本公司生产各种类型的波纹膨胀节，具有设计先进、结构合理、性能稳定、强度大、挠性好、抗疲劳、寿命长等特点，广泛应用于石油、化工、冶金、建筑、电力等部门。

轴向型膨胀节



大口径圆形膨胀节



单式连杆型膨胀节

角向型膨胀节



双波膨胀节



单式铰链型膨胀节

横向型膨胀节



复式铰链型膨胀节



复式自由型膨胀节

压力自平衡膨胀节

弯管压力
自平衡型膨胀节直管压力
自平衡型膨胀节新
型圆角矩形膨胀节

耐蚀合金材料选用表

序号	牌号	代号	适用介质
1	ZSM合金	1-6#	是含固量达70%腐蚀性介质的理想用材,如电解湿法锌冶炼及类似冶炼用泵,目前居国内领先水平。
2	F30%CrMo	Cr30	是含固量达35%腐蚀性介质的理想用材,如磷酸萃取料浆等类似腐蚀磨蚀性介质,目前居国内领先水平。
3	1Cr18Ni9Ti	1B-8	碱液、醋酸、稀硝酸。
4	00Cr20Ni25Mo4	UB6	含一定数量的Cl ⁻ 、F ⁻ 、SO ₄ ²⁻ 硝酸、硫酸及高温醋酸,抗点蚀和晶间腐蚀。
5	00Cr14Ni14Si4	C4	全浓度硝酸、特别适用浓硝酸,是目前浓硝酸用钢综合性最好的铸材。
6	0Cr12Ni25Mo3Cu3Si2Nb	941	全浓度常温硫酸,特别适用100℃以下的中等浓度(50%左右)硫酸。
7	00Cr10Ni20Mo1.5Si6Cu	SS920	高温浓硫酸,t≤130℃,浓度93-98%。
8	0Cr21Ni32Mo2Cu3	20#合金	高温浓硫酸,t≤130℃,浓度为40%左右。
9	Z180C13	DF2	含固量达70%磨蚀性介质。
10	0Cr28Ni5Mo2Cu3	CD-4MCu	含固稀硫酸,磷酸,耐磨,耐蚀。
11	0Cr24Ni20Mo2Cu3	K合金	≤60℃各种浓度的硫酸。
12	00Cr25Ni6Mo2	MM-4	硝酸硝基专用钢。
13	0Cr18Ni9	304	稀硝酸,有机酸。
14	00Cr18Ni9	304L	稀硝酸,有机酸,抗晶间腐蚀。
15	0Cr18Ni12Mo2Ti	Mo2Ti	稀硝酸,硫酸,有机酸。
16	0Cr18Ni12Mo2	316	稀硝酸,硫酸,有机酸。
17	00Cr18Ni12Mo2	316L	稀硝酸,硫酸,有机酸,抗晶间腐蚀。
18	0Cr20Ni25Mo5Cu2	904	70℃以下各种浓度硫酸,抗晶间腐蚀。
19	0Cr30Ni42Mo3Cu2	804	烧碱蒸发及904仍不抗蚀等。
20	0Cr20Ni42Mo3Cu2	824	904仍不抗蚀介质。
21	0Cr18Ni5Mo5	NH55	海水。
22	0Cr20Ni33Mo3Cu3Nb	20Cb3	各种浓度的硫酸腐蚀。
23	0Cr24Ni33Mo2.5Cu3Ti	3#4#	含20%固相的稀硫酸磨损腐蚀。
24	0Cr18Ni4Cu3Nb	CB-7Cu	砂浆磨蚀、钾肥生产时卤水的磨、腐蚀。
25	00Cr30Ni40Mo4Cu3	Lewmet55	125℃高温发烟硫酸腐蚀。
26	00Ni65Cu28	Monel	氢氟酸、硅氟酸、高温烧碱。
27	00Ni69Mo28	哈氏B	全浓度盐酸。
28	塑料FEP	F46	各种酸、碱、盐、氧化剂等介质。
29	UHMWPE		80℃以下含悬浮固体颗粒的酸、碱、盐介质。

Table for selection of anti - corrosive alloy materials

序号	Material rating number	Code	Suitable media
1	ZSM alloy	1-6#	Leading the pack in the domestic market, it is an ideal material for corrosive media containing up to 70% of solid, Eg. Pump for electrolytic wet refining of zinc and similar refining methods.
2	F30%CrMo	Cr30	Leading the pack in the domestic market, it is an ideal material for corrosive media containing up to 35% of solid, such as phosphoric acid extract slurry or similar corrosive medium.
3	1Cr18Ni9Ti	18-8	Alkali liquid, acetic acid, diluted nitric acid.
4	00Cr20Ni25Mo4	UB6	Phosphoric acid, sulfuric acid, and high temperature acetic acid containing certain amount of Cl^- , F^- , SO_4^{2-} . Resistant to pitting and intergranular corrosion.
5	00Cr14Ni14Si4	C4	Full concentration nitric acid, especially concentrated nitric acid, it is the best cast steel in comprehensive performance for concentrated nitric acid available at present.
6	0Cr12Ni25Mo3Cu3Si2Nb	941	Full concentration constant temperature sulfuric acid, especially middle concentrated (ca. 50%) sulfuric acid below 100°C.
7	00Cr10Ni20Mo1.5Si6Cu	SS920	High temperature sulfuric acid, $t \leq 130^\circ C$, concentration 93-98%.
8	0Cr21Ni32Mo2Cu3	20# 合金	High temperature sulfuric acid, $t \leq 130^\circ C$, concentration Ca. 40%.
9	Z180C13	DF2	Corrosive medium containing up to 70% of solid.
10	0Cr26Ni5Mo2Cu3	CD-4MCu	Suitable for diluted sulfuric acid and phosphoric acid containing solid. It is anti-abrasive and anti-corrosive.
11	0Cr24Ni20Mo2Cu3	K合金	Sulfuric acid of various concentrations at $\leq 60^\circ C$.
12	00Cr25Ni6Mo2	MM-4	Special steel for nitric acid and phosphoric fertilizer.
13	0Cr18Ni9	304	Diluted nitric acid and organic acids.
14	00Cr18Ni9	304L	Diluted nitric acid and organic acids. Resistant to intergranular corrosion.
15	0Cr18Ni12Mo2Ti	Mo2Ti	Diluted nitric acid, phosphoric acid, and organic acids.
16	0Cr18Ni12Mo2	316	Diluted nitric acid, phosphoric acid, and organic acids.
17	00Cr18Ni12Mo2	316L	Diluted nitric acid, phosphoric acid, and organic acids. Resistant to intergranular corrosion.
18	0Cr20Ni25Mo5Cu2	904	Sulfuric acid of various concentrations at $\leq 70^\circ C$. Resistant to intergranular corrosion.
19	0Cr30Ni42Mo3Cu2	804	Evaporation of caustic soda, and those media whose corrosiveness is beyond the capability of 904.
20	0Cr20Ni42Mo3Cu2	824	Those media whose corrosiveness is beyond the capability of 904.
21	0Cr18Ni5Mo5	NH55	Sea water
22	0Cr20Ni33Mo3Cu3Nb	20Cb3	Corrosion of sulfuric acid of various concentrations.
23	0Cr24Ni33Mo2.5Cu3Ti	3# 4#	Abrasion and corrosion of diluted sulfuric acid containing 20% solid phase.
24	0Cr16Ni4Cu3Nb	CB-7Cu	Corrosion of sand slurry, abrasion and corrosion of halogen liquid in the production of potassium fertilizer.
25	00Cr30Ni40Mo4Cu3	Lewmet55	Corrosion of 125°C high temperature fuming sulfuric acid.
26	00Ni65Cu28	Monel	Hydrofluoric acid, silicofluoric acid, high temperature caustic soda.
27	00Ni65Mo28	哈氏B	Full concentration hydrochloric acid.
28	塑料FEP	F46	Various acids, alkalis, salts, oxidants, etc.
29	UHMWPE		Acids, alkalis, and salts containing suspended solid granules below 80°C.



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