



NFZTC系列复合陶瓷渣浆泵

NFZTC SERIES COMPOSITE CERAMIC SLURRY PUMP

南方复合陶瓷渣浆泵 ——

South Composite Ceramic Slurry Pump

是您想要的耐用泵

It's the durable pump you want



- 高耐磨耐腐
- 高节能降耗
- 低维护成本



安徽南方化工泵业有限公司

ANHUI SOUTH CHEMICAL PUMP CO., LTD.

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ENTERPRISE INTRODUCTION

企业简介

安徽南方化工泵业有限公司(原泾县南方耐腐蚀泵阀厂)创建于1999年,是一家专业生产陶瓷渣浆泵,耐腐蚀化工泵,不锈钢磁力泵,氟塑料磁力泵,氟塑料离心泵,衬氟泵的研发、生产、销售、服务于一体的高新技术企业。公司现有员工120余人,其中高级技术人才8人,中级技术人才16人。公司总部坐落在驰名中外的宣纸之乡、皖南事变发生地—泾县。

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

公司主要生产复合陶瓷渣浆泵、金属磁力泵、衬氟磁力泵、耐腐蚀化工离心泵、耐磨耐腐料浆泵等产品,其中金属磁力泵、衬氟磁力泵及衬氟化工离心泵技术达到了行业先进水平。公司NMQ系列金属磁力泵功率可达315kW,流量可达1000m³/h,单级扬程可达250m; IHF、IMD系列氟塑料离心泵、氟塑料磁力泵制造能力达200kW, NFS衬氟双吸泵流量可达5000 m³/h。是目前为数不多能够掌握该技术的企业之一。

公司先后荣获国家高新技术企业、安徽省名牌产品、安徽省著名商标、首届宣城市政府质量奖、安全环保无泄漏磁力泵数字化车间、宣城市工业互联网示范企业20强、2022年度皖美品牌示范企业、安徽省绿色工厂、安徽省省级工业设计中心、安徽省科技民营企业等称号。其中新型高效节能化工流程磁力泵被安徽省科技厅认定为“高新技术产品”。公司拥有18项磁力泵、衬氟泵领域关键技术专利。产品服务于石油化工、生物制药制酸、新能源、新材料、电力、冶金等领域的关键工艺上,解决了腐蚀与泄漏的难题,南方化工泵业坚持以“专注于腐蚀与贵重流体的安全输送”为理念,以“节能、环保、安全”为宗旨,以振兴民族工业为己任,努力打造性能可靠、客户满意的泵阀精品,服务于国内外用户。

全国30个直销办事处、10家授权服务商能在短时间解决用户购买与服务的需求,富有远见与创新的南方泵业人将不断开发无泄漏、节能环保新产品,为用户打造现代化清洁工厂、低污染工厂而努力追求,为人类的环境保护而努力奋斗。

Anhui Southern Chemical Pump Industry Co., Ltd. (formerly known as Jing County Southern Corrosion resistant Pump and Valve Factory) was founded in 1999. It is a high-tech enterprise specializing in the research and development, production, sales, and service of ceramic slurry pumps, corrosion resistant chemical pumps, stainless steel magnetic pumps, fluoroplastic magnetic pumps, fluoroplastic centrifugal pumps, and fluorine lined pumps. The company currently has more than 120 employees, including 8 senior technical talents and 16 intermediate technical talents. The company's headquarters is located in the famous hometown of rice paper and the location of the Anhui Southern Incident - Jing County.

The company has facilities such as a technology research and development building, a modern industrial factory, a B-level precision water pump testing center, a high-power metal magnetic pump, a high-power fluorine lined magnetic pump pilot plant, an advanced magnetic circuit processing center, and a senior talent apartment. The company has a domestic marketing department and an international trade department, and has established offices abroad. It has the right to self operate import and export, and its products are exported to countries such as Italy, the United States, Russia, South Korea, India, and Singapore.

The company mainly produces Composite Ceramic Slurry Pump, metal magnetic pumps, fluorine lined magnetic pumps, corrosion resistant chemical centrifugal pumps, corrosion-resistant and wear-resistant slurry pumps, and other products. Among them, the technology of metal magnetic pumps, fluorine lined magnetic pumps, and fluorine lined chemical centrifugal pumps has reached the advanced level in the industry. The company's NMQ series metal magnetic pump has a power of up to 315kW, a flow rate of up to 1000m³/h, and a single stage head of up to 250m; The manufacturing capacity of IHF and IMD series fluoplastic centrifugal pumps and fluoroplastic magnetic pumps reaches 200kW, and the flow rate of NFS lined fluoro-plastic double suction pumps can reach 5000 m³/h. It is currently one of the few enterprises that can master this technology.

The company has successively won the titles of National High tech Enterprise, Anhui Famous Brand Product, Anhui Famous Trademark, the First Xuancheng Municipal Government Quality Award, Safety, Environmental Protection and Leak free Magnetic Pump Digital Workshop, Xuancheng Top 20 Industrial Internet Demonstration Enterprises, Anhui American Brand Demonstration Enterprise in 2022, Anhui Green Factory, Anhui Provincial Industrial Design Center, Anhui Provincial Science and Technology Private Enterprise, etc. The new high-efficiency and energy-saving chemical process magnetic pump has been recognized as a "high-tech product" by the Anhui Provincial Department of Science and Technology. The company has 18 key technology patents in the field of magnetic pumps and fluorine lined pumps. Our products serve key processes in the fields of petrochemicals, biopharmaceutical acid production, new energy, new materials, electricity, metallurgy, etc., solving the problems of corrosion and leakage. Southern Chemical Pump Industry adheres to the concept of "focusing on the safe transportation of corrosion and precious fluids", with the aim of "energy conservation, environmental protection, and safety", and the responsibility of revitalizing national industry. We strive to create high-quality pump valves with reliable performance and customer satisfaction, serving domestic and foreign users.

30 direct sales offices and 10 authorized service providers across the country are able to meet the purchasing and service needs of users in a short period of time. The visionary and innovative Southern Pump Industry personnel will continuously develop leak free, energy-saving and environmentally friendly new products, striving to create modern clean and low pollution factories for users, and striving for environmental protection for humanity.



NFZTC SERIES COMPOSITE CERAMIC SLURRY PUMP

NFZTC型复合陶瓷渣浆泵



NFZTC系列复合陶瓷渣浆泵可适用于矿山、电力、冶金、煤炭、建材等行业输送含有固体颗粒的磨蚀性或腐蚀性浆体，其允许输送的固液混合物的最大浆体重量浓度；灰（渣）浆和煤浆为45%，矿浆和重介为60%，NFZTC系列复合陶瓷渣浆泵根据用户需要可以串联运行。该系列渣浆泵已通过部级新产品鉴定和省级节能认证，结论认定：泵的各项性能指标居国内领先水平，大部分泵的效率指标达国际先进水平。

NFZTC series composite ceramic slurry pump can be used to transport abrasive or corrosive slurry containing solid particles in mining, electric power, metallurgy, coal, building materials and other industries. The maximum slurry weight concentration of solid-liquid mixture allowed to be transported is 45% for ash (slag) slurry and coal slurry, and 60% for mineral slurry and heavy medium. NFZTC series composite ceramic slurry pump can be operated in series according to the needs of users. This series of slurry pumps have passed the ministerial new product appraisal and provincial energy-saving certification. The conclusion is that the performance indexes of the pumps are at the leading level in China, and the efficiency indexes of most pumps reach the international advanced level.

结构型式与特点：

结构型式：按结构分为单壳泵和双壳泵两类。其中单壳泵包括NFDTC、NFDGTC等形式；双壳泵包括NFZTC等形式。按出口直径分为600mm、400mm、350mm、250mm、200mm、150mm、100mm、80mm、65mm、50mm、40mm、25mm等多种规格。

Structural type and characteristics:

Structure type: according to the structure, it is divided into single shell pump and double shell pump. The single shell pump includes NFDTC, NFDGTC and other forms; Double shell pump includes NFZTC and other forms. According to the outlet diameter, it is divided into 600mm, 400mm, 350mm, 250mm, 200mm, 150mm, 100mm, 80mm, 65mm, 50mm, 40mm, 25mm and other specifications.

MODEL SIGNIFICANCE OF YSZTC SERIES COMPOSITE CERAMIC SLURRY PUMP

YSZTC系列复合陶瓷渣浆泵型号意义

结构特点

泵头结构：泵体视需要采用双层泵壳和单层泵壳。

双壳泵外壳结构为垂直中开式，出水口位置可按45°间隔，旋转8个不同安装使用。

托架结构：水平中开式。

悬架式。

轴封型式：副叶轮动力密封+填料密封。

填料密封。

机械密封。

Structural features:

Pump head structure: The pump body uses double layer pump body or single layer pump body according to needs.

The structure of the double-layer pump body is vertically opened, and the outlet position can be separated by 45 degrees, rotating 8 different directions.

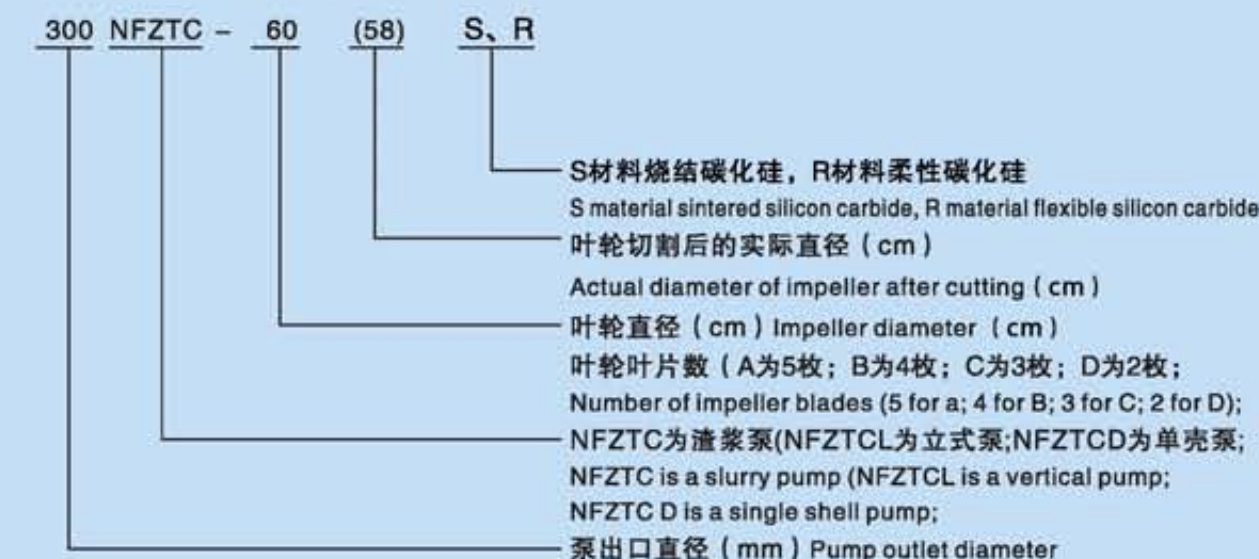
Bracket structure: Horizontal opening

Suspension

Shaft seal form: Auxiliary impeller power seal + Packing seal

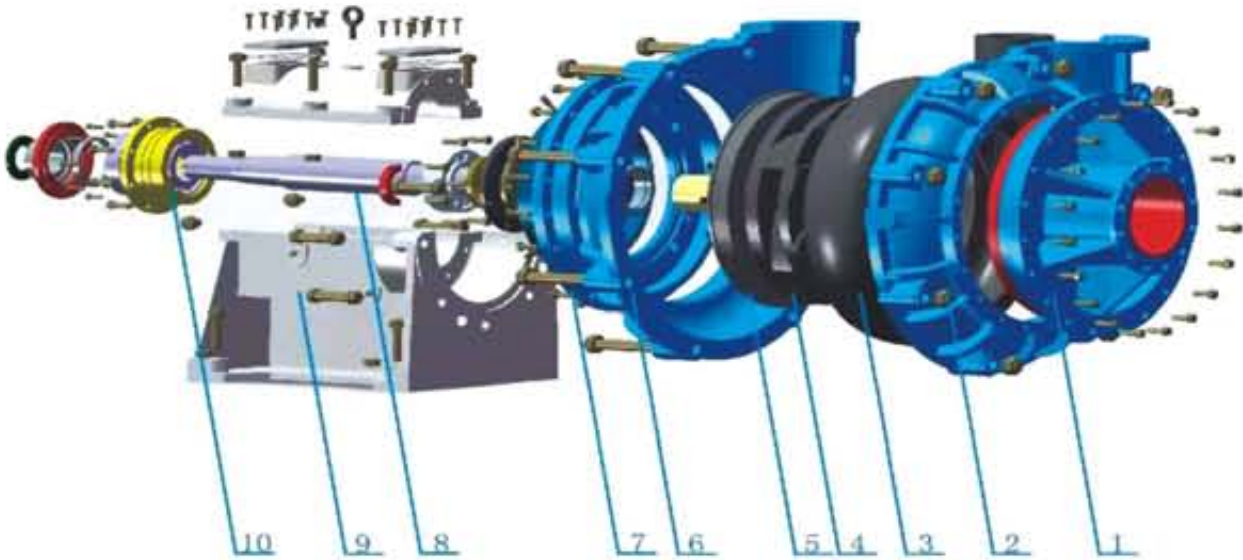
Packing seal

Mechanical seal





STRUCTURAL DRAWING OF NFZTC COMPOSITE CERAMIC SLURRY PUMP
NFZTC型复合陶瓷渣浆泵结构图



序号 No.	名称 Name	序号 No.	名称 Name
1	前护板 Front Liner Plate	6	后泵壳 Rear pump casing
2	前泵壳 Front Pump Casing	7	后盖板 Rear cover
3	护套 Sheath	8	轴 Shaft
4	叶轮 Impeller	9	托架 Bracket
5	后护板 Rear Liner plite	10	轴承箱 Bearing box

CERAMIC SLURRY PUMP-PERFORMANCE PARAMETERS
陶瓷渣浆泵——性能参数

NFZTC型复合陶瓷渣浆泵直联传动清水性能（1）
The clear water performance of NFZTC Composite Ceramic Slurry Pump(1)

型号 Type	转速 Speed n	流量 Capacity Q	扬程 Head H	轴功率 Power of shaft Pa	效率 Eff. η	必需汽蚀 余量 (NPSH) r	配套电机 Motors	
	r/min	m³/h	m	kW	%	m	型号 Type	功率/电压 Power/Voltage
350NFZTC-F100	590	1035	62.8	293.1	60.4	5.8	Y450-10	355/6000
		1988	59.4	417.6	77.0		Y500-10	500/6000
		2339	55.0	455.6	76.9		Y500-10	560/6000
	490	860	43.3	167.9	60.4	4.4	Y450-12	220/6000
		1651	41.0	239.4	77.0		Y500-12	315/6000
		1943	37.9	260.8	79.6		Y500-12	315/6000
350NFZTC-C100	590	1643	60.0	402.3	66.7	7.4	Y500-10	450/6000
		2900	49.1	531.1	73.0		Y500-10	630/6000
		3502	43.4	588.5	70.3		Y560-10	710/6000
	490	1370	41.7	233.2	66.7	5.1	Y500-12	280/6000
		2416	34.0	306.3	73.0		Y500-12	355/6000
		2911	30.0	337.8	70.3		Y500-12	400/6000
350NFZTC-A85	740	1901	62.1	487.5	65.9	10.5	Y500-8	560/6000
		2644	56.1	523.0	77.2		Y500-8	630/6000
		3741	42.4	609.9	70.8		Y500-8	710/6000
	590	1514	39.4	246.3	65.9	6.6	Y450-10	280/6000
		2106	35.6	264.3	77.2		Y450-10	315/6000
		2980	26.9	308.2	70.8		Y450-10	355/6000
350NFZTC-A80	740	1552	56.2	340.1	69.8	10.5	Y450-8	400/6000
		2227	50.4	403.5	75.7		Y450-8	450/6000
		3575	28.8	509.5	55.0		Y450-8	560/6000
	590	1236	35.7	172.0	69.8	6.6	Y450-10	220/6000
		1773	32.0	204.0	75.7		Y450-10	250/6000
		2847	18.2	256.5	55.0		Y450-10	280/6000
300NFZTC-A100	590	913	62.5	243.0	66.7	4.1	Y450-10	315/6000
		1785	59.7	361.0	80.4		Y500-10	450/6000
		1826	59.3	365.4	80.7		Y500-10	450/6000
	490	758	45.0	139.3	66.7	3.0	Y450-12	185/6000
		1482	41.2	206.8	80.4		Y450-12	250/6000
		1517	40.9	209.4	80.7		Y450-12	250/6000
300NFZTC-A95	590	867	58.8	217.9	63.7	4.1	Y450-10	280/6000
		1696	53.9	321.6	77.4		Y500-10	400/6000
		1735	53.5	325.3	77.7		Y500-10	400/6000
	490	720	40.6	125.0	63.7	3.0	Y450-12	185/6000
		1408	37.2	184.3	77.4		Y450-12	220/6000
		1441	36.9	186.4	77.7		Y450-12	220/6000
300NFZTC-A90	740	922	79.9	290.3	69.1	5.7	Y450-8	355/6000
		1648	73.6	410.3	80.5		Y500-8	500/6000
		1844	70.7	436.2	81.4		Y500-8	560/6000
	590	745	52.2	153.3	69.1	3.9	Y450-10	185/6000
		1332	48.1	216.7	80.5		Y450-10	280/6000
		1490	46.2	230.3	81.4		Y450-10	280/6000
300NFZTC-C90	590	1189	50.9	236.4	69.7	3.6	Y450-10	280/6000
		1987	45.6	313.8	78.6		Y450-10	355/6000
		2393	42.2	347.5	79.7		Y450-10	400/6000
	490	992	35.4	137.1	69.7	2.5	Y450-8	315/6000
		1657	31.7	182.1	78.6		Y450-8	450/6000
		1996	29.4	201.9	79.1		Y450-8	450/6000

注：表中效率为采用填料轴封之值
Note:The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (2)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(2)

型号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
300NFZTC-A85	740	871	71.3	255.9	66.1	5.6	Y450-8	315/6000
		1556	65.6	358.7	77.5		Y450-8	450/6000
		1742	63.1	381.7	78.4		Y450-8	450/6000
	590	704	46.6	135.2	66.1	3.8	Y355L2-10	160/6000
		1258	42.9	189.6	77.5		Y450-10	220/6000
		1408	41.2	201.5	78.4		Y450-10	250/6000
300NFZTC-A70	980	1269	76.8	368.6	72.0	7.0	Y450-6	450/6000
		2118	66.7	480.9	80.0		Y450-6	630/6000
		2333	64.0	505.8	80.4		Y450-6	630/6000
	740	945	42.6	152.3	72.0	3.9	Y355L1-8	185/380
		1578	37.0	198.8	80.0		Y400-8	250/6000
		1738	35.5	209.0	80.4		Y400-8	250/6000
300NFZTC-A65	980	1178	66.2	307.8	69.0	6.6	Y450-6	400/6000
		1967	57.5	400.0	77.0		Y450-6	500/6000
		2166	55.2	420.7	77.4		Y450-6	500/6000
	740	877	36.7	127.0	69.0	3.7	Y355M2-8	160/380
		1465	31.9	165.3	77.0		Y355L2-8	200/380
		1614	30.6	173.8	77.4		Y400-8	220/6000
300NFZTC-A56	980	789	46.0	148.6	66.5	5.5	Y355M2-6	185/380
		1415	40.8	195.6	80.4		Y355L2-6	250/380
		1568	38.8	204.8	80.9		Y355L2-6	250/380
	740	588	25.5	61.4	66.5	3.5	Y315M-8	75/380
		1054	22.6	80.7	80.4		Y315L2-8	110/380
		1168	21.5	84.5	80.9		Y315L2-8	110/380
250NFZTC-A103	740	734	110.5	366.3	60.3	4.3	Y450-8	450/6000
		1067	106.7	445.5	69.6		Y500-8	560/6000
		1573	98.9	568.7	74.5		Y500-8	710/6000
	590	593	72.2	193.4	60.3	2.8	Y450-10	250/6000
		862	69.7	235.1	69.6		Y450-10	280/6000
		1271	64.6	300.1	71.5		Y450-10	355/6000
250NFZTC-A96	740	736	93.7	290.7	64.6	5.5	Y450-8	355/6000
		1076	90.0	356.4	74.0		Y450-8	450/6000
		1466	84.5	433.6	77.8		Y500-8	500/6000
	590	595	61.2	153.5	64.6	3.5	Y450-10	185/6000
		870	58.8	188.3	74.0		Y450-10	250/6000
		1185	55.2	299.0	77.8		Y450-10	280/6000
250NFZTC-A90	740	690	82.4	255.5	60.6	5.3	Y450-8	315/6000
		1009	79.1	310.5	70.0		Y450-8	400/6000
		1374	74.3	376.7	73.8		Y450-8	450/6000
	590	558	53.8	134.9	60.6	3.4	Y355L2-10	160/380
		816	51.7	164.1	70.0		Y450-10	200/6000
		1111	48.5	198.8	73.8		Y450-10	250/6000
250NFZTC-A85	960	752	128.7	446.0	59.1	5.5	Y450-6	560/6000
		1248	124.4	587.2	72.0		Y500-6	710/6000
		1504	120.4	652.3	75.6		Y500-6	800/6000
	740	590	71.4	184.2	59.1	3.5	Y400-8	220/6000
		930	69.0	242.7	72.0		Y450-8	315/6000
		1120	66.8	269.5	75.6		Y450-8	315/6000

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (3)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(3)

型号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
250NFZTC-A83	960	734	122.7	422.1	58.1	5.5	Y450-6	500/6000
		1219	118.6	554.5	71.0		Y500-6	710/6000
		1469	114.8	615.6	74.6		Y500-6	800/6000
	740	547	68.1	174.6	58.1	3.5	Y400-8	220/6000
		908	65.8	229.2	71.0		Y400-8	280/6000
		1094	63.7	254.4	74.6		Y450-8	315/6000
250NFZTC-A80	960	708	114.0	391.8	56.1	5.4	Y450-6	500/6000
		1175	110.2	511.1	69.0		Y450-6	630/6000
		1416	106.7	566.7	72.6		Y500-6	710/6000
	740	527	63.2	161.7	56.1	3.4	Y400-8	200/6000
		875	61.1	211.0	69.0		Y400-8	280/6000
		1054	59.2	234.1	72.6		Y400-8	280/6000
250NFZTC-C80	590	891	38.3	133.2	69.7	3.3	Y355L2-10	160/380
		1492	33.5	181.1	75.1		Y450-10	220/6000
		1790	29.2	195.9	72.6		Y450-10	220/6000
250NFZTC-A78	960	830	102.5	374.9	61.8	6.3	Y450-6	450/6000
		1430	92.1	500.9	71.6		Y450-6	560/6000
		1796	84.2	559.5	73.6		Y450-6	630/6000
	740	618	56.9	155.0	61.8	3.2	Y355L1-8	185/380
		1065	51.1	207.0	71.6		Y400-8	250/6000
		1338	46.7	231.2	73.6		Y400-8	280/6000
250NFZTC-A75	960	600	97.5	255.7	62.3	4.1	Y400-6	315/6000
		1100	92.0	362.6	76.0		Y450-6	450/6000
		1480	83.2	443.6	75.6		Y450-6	560/6000
	740	447	54.1	105.7	62.3	3.0	Y355M1-8	132/380
		819	51.0	149.7	76.0		Y355L1-8	185/380
		1102	46.2	183.4	75.6		Y400-8	220/6000
250NFZTC-A73	960	584	92.4	239.7	61.3	4.1	Y400-6	280/6000
		1071	87.2	339.1	75.0		Y400-6	400/6000
		1441	78.8	414.5	74.6		Y450-6	500/6000
	740	435	51.3	99.1	61.3	3.0	Y355M1-8	132/380
		797	48.3	139.8	75.0		Y355L1-8	185/380
		1073	43.8	171.6	74.6		Y355L2-8	220/380
250NFZTC-A70	960	560	84.9	218.3	59.3	3.9	Y400-6	280/6000
		1027	80.1	306.9	73.0		Y400-6	400/6000
		1381	72.5	375.6	72.6		Y450-6	450/6000
	740	417	47.1	90.2	59.3	2.9	Y315L2-8	110/380
		764	44.4	126.5	73.0		Y355M2-8	160/380
		1029	40.2	155.2	72.6		Y355L1-8	185/380
250NFZTC-A68	960	544	80.1	203.5	58.3	3.7	Y355-6	250/6000
		997	75.6	285.1	72.0		Y400-6	355/6000
		1342	68.4	349.1	71.6		Y450-6	450/6000
	740	405	44.5	84.2	58.3	2.7	Y315L2-8	110/380
		743	41.9	117.8	72.0		Y355M2-8	160/380
		999	38.0	144.4	71.6		Y355L1-8	185/380
250NFZTC-A65	960	597	71.0	178.1	64.8	4.5	Y355-6	220/6000
		970	66.2	233.2	75.0		Y400-6	280/6000
		1249	61.4	271.6	76.9		Y400-6	315/6000
	740	445	39.4	73.7	64.8	3.0	Y315L1-8	90/380
		723	36.7	96.3	75.0		Y355M1-8	132/380
		930	34.1	112.3	76.9		Y355M1-8	132/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (4)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(4)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
250NFZTC-A63	960	579	66.7	164.8	63.8	4.5	Y355-6	200/6000
		940	62.2	215.2	74.0		Y355-6	250/6000
		1211	57.7	250.7	75.9		Y400-6	315/6000
250NFZTC-A60	740	431	37.0	68.1	63.8	3.0	Y315L1-8	90/380
		701	34.5	89.0	74.0		Y315L2-8	110/380
		901	32.0	103.4	75.9		Y355M1-8	132/380
250NFZTC-A60	960	551	60.5	146.9	61.8	4.2	Y355M2-6	185/380
		895	56.4	190.9	72.0		Y355LM2-6	250/380
		1153	52.3	222.2	73.9		Y400-6	280/380
250NFZTC-A60	740	411	33.6	60.7	61.8	2.8	Y315M-8	75/380
		667	31.3	79.0	72.0		Y315L2-8	110/380
		858	29.1	92.0	73.9		Y315L2-8	110/380
200NFZTC-A85	960	441	133.7	321.1	50.0	5.0	Y400-6	400/6000
		858	128.2	437.9	68.4		Y450-6	560/6000
		907	127.9	448.1	70.5		Y450-6	560/6000
200NFZTC-A85	740	329	74.2	133.0	50.0	2.8	Y355M2-8	160/380
		639	71.1	180.9	68.4		Y400-8	220/6000
		676	71.0	185.4	70.5		Y400-8	220/6000
200NFZTC-A75	960	450	102.9	205.4	61.4	4.5	Y355-6	250/6000
		750	95.7	271.5	72.0		Y400-6	355/6000
		900	91.0	306.4	72.8		Y400-6	355/6000
200NFZTC-A75	740	335	57.1	84.8	61.4	3.0	Y315L2-8	110/380
		559	53.1	112.3	72.0		Y355M1-8	132/380
		670	50.5	126.6	72.8		Y355M2-8	160/380
200NFZTC-A73	960	438	97.5	192.5	60.4	4.5	Y355-6	250/6000
		730	90.7	254.0	71.0		Y400-6	315/6000
		876	86.2	286.4	71.8		Y400-6	355/6000
200NFZTC-A73	740	326	54.1	79.5	60.4	3.0	Y315L2-8	110/380
		544	50.3	105.0	71.0		Y355M1-8	132/380
		652	47.8	118.2	71.8		Y355M2-8	160/380
200NFZTC-A70	960	409	86.4	172.5	55.8	3.8	Y355M2-6	200/380
		738	82.3	230.7	71.7		Y400-6	280/6000
		976	77.6	272.8	75.6		Y400-6	315/6000
200NFZTC-A70	740	305	47.9	71.3	55.8	2.8	Y315L1-8	90/380
		550	45.7	95.5	71.7		Y355M1-8	132/380
		727	43.1	112.9	75.6		Y355M1-8	132/380
200NFZTC-A68	960	397	81.5	160.8	54.8	3.8	Y355M2-6	200/380
		717	77.7	214.6	70.7		Y355-6	250/6000
		948	73.2	253.3	74.6		Y400-6	315/6000
200NFZTC-A68	740	296	45.2	66.5	54.8	2.8	Y315L1-8	90/380
		534	43.1	88.7	70.7		Y315L2-8	110/380
		706	40.7	104.9	74.6		Y355M1-8	132/380
200NFZTC-A65	960	470	72.0	145.8	63.5	4.3	Y355M2-6	185/380
		820	68.1	197.5	77.0		Y355-6	250/6000
		950	65.6	213.2	79.6		Y355-6	250/6000
200NFZTC-A65	740	350	40.0	60.3	63.2	2.5	Y315M-8	75/380
		611	37.8	81.7	77.0		Y315L2-8	110/380
		708	36.4	88.2	79.6		Y315L2-8	110/380
200NFZTC-A63	960	456	67.6	135.0	62.2	4.3	Y355M1-6	160/380
		795	64.0	182.0	76.0		Y355-6	220/6000
		921	61.6	196.6	78.6		Y355-6	250/6000
200NFZTC-A63	740	339	37.5	55.7	62.2	2.5	Y315M-8	75/380
		592	35.5	75.3	76.0		Y315L2-8	110/380
		686	34.2	81.3	78.6		Y315L2-8	110/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (5)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(5)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
200NFZTC-A60	960	435	62.0	114.0	64.4	4.0	Y315L2-6	132/380
		740	58.0	146.1	80.0		Y355M2-6	185/380
		870	55.2	159.0	82.7		Y355M2-6	185/380
200NFZTC-A60	740	324	34.4	47.1	64.4	2.5	Y315M-8	75/380
		551	32.2	60.4	80.0		Y315L1-8	90/380
		648	30.8	65.7	82.7		Y315L1-8	90/380
200NFZTC-A58	960	421	57.9	104.7	63.4	4.0	Y315L2-6	132/380
		715	54.2	133.6	79.0		Y355M1-6	160/380
		841	51.9	145.5	81.7		Y355M2-6	185/380
200NFZTC-A58	740	313	32.1	43.2	63.4	2.5	Y315S-8	55/380
		533	30.1	55.3	79.0		Y315M-8	75/380
		626	28.8	60.1	81.7		Y315M-8	75/380
200NFZTCG-B45	1480	272	72.9	82.8	65.3	10.7	Y280M-4	90/380
		447	57.5	102.9	68.0		Y315M1-4	132/380
		538	47.0	111.1	62.0		Y315M1-4	132/380
200NFZTCG-B45	960	180	32.0	24.0	65.3	4.7	Y225M-6	30/380
		296	25.2	29.9	68.0		Y250M-6	37/380
		356	20.6	32.2	62.0		Y250M-6	37/380
150NFZTC-A71	960	284	93.8	133.9	54.2	4.0	Y355M1-6	160/380
		486	89.3	174.3	67.8		Y355L1-6	220/380
		552	87.1	188.4	69.5		Y355L1-6	220/380
150NFZTC-A71	1480	212	52.0	55.4	54.2	2.4	Y315M1-8	75/380
		362	49.6	72.1	67.8		Y315M2-8	90/380
		411	48.3	77.8	69.5		Y315M2-8	90/380
150NFZTC-A70	960	186	91.2	95.4	48.4	3.0	Y315L2-6	132/380
		285	87.1	115.8	58.4		Y355M1-6	160/380
		401	79.8	139.9	62.3		Y355M2-6	185/380
150NFZTC-A70	740	139	50.6	39.6	48.4	2.0	Y315S-8	55/380
		212	48.3	47.7	58.4		Y315M-8	75/380
		299	44.3	57.9	62.3		Y315M-8	75/380
150NFZTC-A65	960	300	75.7	112.0	55.2	4.0	Y315L2-6	132/380
		500	73.0	144.1	69.0		Y355M2-6	185/380
		600	69.4	161.5	70.2		Y355M2-6	200/380
150NFZTC-A65	740	223	42.0	46.2	55.2	2.5	Y315M-8	75/380
		372	40.5	59.5	69.0		Y315M-8	75/380
		447	38.5	66.8	70.2		Y315L1-8	90/380
150NFZTC-A63	960	291	71.1	104.0	54.2	4.0	Y315L2-6	132/380
		485	68.6	133.2	68.0		Y355M1-6	160/380
		582	65.2	149.3	69.2		Y355M2-6	185/380
150NFZTC-A63	740	216	39.5	42.9	54.2	2.5	Y315S-8	55/380
		361	38.0	54.9	68.0		Y315M-8	75/380
		433	36.2	61.7	69.2		Y315M-8	75/380
150NFZTC-A60	960	270	63.5	80.2	58.2	3.8	Y315L1-6	110/380
		470	60.5	107.6	72.0		Y315L2-6	132/380
		550	58.7	117.9	74.6		Y355M1-6	160/380
150NFZTC-A60	740	201	35.2	33.1	58.2	2.5	Y280M-8	45/380
		350	33.6	44.5	72.0		Y315S-8	55/380
		410	32.6	48.8	74.6		Y315M-8	75/380
150NFZTC-A58	960	261	59.3	73.7	57.2	3.8	Y315M-6	90/380
		454	56.5	98.4	71.0		Y315L2-6	132/380
		532	54.9	108.1	73.6		Y315L2-6	132/380
150NFZTC-A58	740	194	32.9	30.4	57.2	2.5	Y280S-8	37/380
		338	31.4	40.7	71.0		Y315S-8	55/380
		396	30.5	44.7	73.6		Y315S-8	55/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (6)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(6)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
150NFZTC-C58	960	268	61.0	78.7	56.6	3.2	Y315L1-6	110/380
		458	56.0	105.5	66.2		Y355L2-6	132/380
		596	51.2	120.3	69.1		Y355M1-6	160/380
	740	200	33.8	32.5	56.6	2.0	Y280M-8	45/380
		341	31.1	43.6	66.2		Y315S-8	55/380
		444	28.4	49.7	69.1		Y315M-8	75/380
150NFZTC-A57	960	190	56.3	63.2	46.1	2.9	Y315M-6	90/380
		301	55.4	77.6	58.5		Y315L1-6	110/380
		427	52.9	92.4	66.6		Y315L1-6	110/380
	740	142	31.2	26.2	46.1	1.8	Y280S-8	37/380
		224	30.7	32.0	58.5		Y280M-8	45/380
		318	29.4	38.2	66.6		Y315S-8	55/380
150NFZTC-A55	960	248	53.4	65.3	55.2	3.5	Y315M-6	90/380
		431	50.8	86.4	69.0		Y315L1-6	110/380
		504	49.3	94.5	71.6		Y315L1-6	110/380
	740	184	29.6	26.9	55.2	2.3	Y280S-8	37/380
		321	28.2	35.7	69.0		Y280M-8	45/380
		376	27.4	39.2	71.6		Y315S-8	55/380
150NFZTC-A50	960	230	43.1	42.6	63.3	3.0	Y280M-6	55/380
		380	40.0	55.2	75.0		Y315S-6	75/380
		460	37.8	61.7	76.8		Y315S-6	75/380
	740	171	23.9	17.6	63.3	2.5	Y250M-8	30/380
		283	22.2	22.8	75.0		Y250M-8	30/380
		343	21.0	25.5	76.8		Y280S-8	37/380
150NFZTCG-B45	1480	223	72.5	75.7	58.1	7.3	Y280M-4	90/380
		372	60.1	93.2	65.4		Y315S-4	110/380
		458	48.8	100.5	60.5		Y315S-4	110/380
	960	147	31.8	22.0	58.1	3.2	Y225M-6	30/380
		247	26.3	27.0	65.4		Y250M-6	37/380
		303	21.4	29.2	60.5		Y250M-6	37/380
150NFZTC-A48	960	221	39.7	38.4	62.3	3.0	Y280M-6	55/380
		365	36.9	49.6	74.0		Y315S-6	75/380
		442	34.8	55.3	75.8		Y315S-6	75/380
	740	164	22.0	15.8	62.3	2.5	Y225M-8	22/380
		272	20.5	20.5	74.0		Y250M-8	30/380
		329	19.4	22.9	75.8		Y250M-8	30/380
150NFZTC-C42	1480	300	62.8	80.2	64.0	4.5	Y315S-4	110/380
		450	58.0	96.1	74.0		Y315M-4	132/380
		550	54.3	106.5	76.4		Y315M-4	132/380
	960	199	27.5	23.3	64.0	2.2	Y255M-6	30/380
		298	25.4	27.9	74.0		Y250M-6	37/380
		364	238	30.9	76.4		Y280S-6	45/380
100NFZTC-A50	1480	180	100.2	85.7	57.3	4.5	Y315S-4	110/380
		300	95.0	113.3	68.5		Y315M-4	132/380
		360	91.6	131.7	68.2		Y315L1-4	160/380
	960	119	43.9	24.8	57.3	2.5	Y225M-6	30/380
		199	41.7	33.0	68.5		Y280S-6	45/380
		238	40.2	38.2	68.2		Y280M-6	55/380
100NFZTC-A46	1480	166	84.8	69.3	55.3	4.2	Y280M-4	90/380
		276	80.4	90.9	66.5		Y315S-4	110/380
		331	77.5	105.5	66.2		Y315M-4	132/380
	960	109	37.2	20.0	55.3	2.3	Y225M-6	30/380
		183	35.3	26.5	66.5		Y250M-6	37/380
		219	34.0	30.6	66.2		Y250M-6	37/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (7)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(7)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
100NFZTC-A42	1480	140	70.8	50.3	53.7	4.0	Y280S-4	75/380
		245	67.0	65.7	68.0		Y280M-4	90/380
		275	65.5	69.7	70.4		Y280M-4	90/380
	960	93	31.0	14.6	53.7	2.5	Y200L2-6	22/380
		162	29.4	19.1	68.0		Y225M-6	30/380
		182	28.7	20.2	70.4		Y225M-6	30/380
100NFZTC-A39	1480	130	61.0	41.8	51.7	3.8	Y250M-4	55/380
		228	57.8	54.4	66.0		Y280S-4	75/380
		255	56.5	57.4	68.4		Y280S-4	75/380
	960	86	26.7	12.1	51.7	2.4	Y200L1-6	18.5/380
		150	25.4	15.7	66.0		Y200L2-6	22/380
		169	24.7	16.6	68.4		Y225M-6	30/380
100NFZTC-B42	1480	176	66.8	55.7	57.5	5.1	Y280S-4	75/380
		309	60.5	73.3	69.5		Y280M-4	90/380
		365	56.9	79.0	71.6		Y280M-4	90/380
	960	117	29.3	16.2	57.5	2.5	Y200L2-6	22/380
		205	26.5	21.3	69.5		Y225M-6	30/380
		242	24.9	22.9	71.6		Y225M-6	30/380
100NFZTCG-B42	1480	96	70.7	35.6	51.9	2.8	Y225M-4	45/380
		149	63.8	42.4	61.0		Y250M-4	55/380
		205	56.3	49.7	63.2		Y280S-4	75/380
	960	64	31.0	10.4	51.9	1.8	Y180L-6	15/380
		99	28.0	12.4	61.0		Y200L1-6	18.5/380
		136	24.7	14.5	63.2		Y200L2-6	22/380
100NFZTC-A36	1480	130	49.5	28.9	60.7	3.5	Y225S-4	37/380
		220	45.0	38.0	71.0		Y250M-4	55/380
		245	43.4	40.4	71.6		Y250M-4	55/380
	960	86	21.7	8.4	60.7	2.0	Y180L-6	15/380
		146	19.7	11.0	71.0		Y180L-6	18/380
		162	19.0	11.7	71.6		Y200L1-6	18.5/380
100NFZTC-A33	1480	119	41.6	23.0	58.7	3.2	Y200L-4	30/380
		202	37.8	30.1	69.0		Y225S-4	37/380
		225	36.5	32.1	69.6		Y225M-4	45/380
	960	79	18.2	6.7	58.7	1.8	Y160L-6	11/380
		134	16.6	8.8	69.0		Y180L-6	15/380
		149	16.0	9.3	69.6		Y180L-6	15/380
80NFZTC-A52	1480	107	109.8	82.5	38.8	4.3	Y315S-4	110/380
		182	105.5	100.6	52.0		Y315M-4	132/380
		242	99.0	115.9	56.3		Y315L1-4	160/380
	960	71	48.1	24.0	38.8	2.1	Y225M-6	30/380
		121	46.3	29.3	52.0		Y250M-6	37/380
		160	43.4	33.6	56.3		Y280S-6	45/380
80NFZTC-A42	1480	130	70.4	41.8	59.6	4.2	Y250M-4	55/380
		170	67.2	47.9	65.0		Y280S-4	75/380
		204	64.2	53.5	66.7		Y280S-4	75/380
	960	86	30.9	12.1	59.6	2.5	Y200L1-6	18.5/380
		113	29.5	14.0	65.0		Y200L2-6	22/380
		135	28.1	15.5	66.7		Y200L2-6	22/380
80NFZTC-A39	1480	121	60.7	34.7	57.6	4.0	Y225M-4	45/380
		158	57.9	39.5	63.0		Y250M-4	55/380
		189	55.4	44.1	64.7		Y250M-4	55/380
	960	80	26.6	10.1	57.6	2.4	Y180L-6	15/380
		105	25.4	11.5	63.0		Y200L1-6	18.5/380
		125	24.2	12.8	64.7		Y200L1-6	18.5/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (8)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(8)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	必需汽蚀 余量 (NPSH) r m	配套电机 Motors	
							型号 Type	功率/电压 Power/Voltage kW/V
80NFZTC-A36	1480	98	51.4	23.6	58.2	3.7	Y200L-4	30/380
		140	48.0	27.7	66.0		Y225S-4	37/380
		190	42.7	32.6	67.7		Y225M-4	45/380
80NFZTC-A33	1480	65	22.5	6.8	58.2	2.5	Y160L-6	11/380
		93	21.0	8.1	66.0		Y160L-6	11/380
		126	18.7	9.5	67.7		Y180L-6	15/380
80NFZTC-A33	1480	90	43.2	18.8	56.2	3.4	Y200L-4	30/380
		128	40.3	21.9	64.0		Y200L-4	30/380
		174	35.9	25.9	65.7		Y225S-4	37/380
80NFZTC-A33	960	60	18.9	5.5	56.2	2.3	Y160M-6	7.5/380
		85	17.6	6.4	64.0		Y160L-6	11/380
		116	15.7	7.5	65.7		Y160L-6	11/380
65NFZTC-A30	1480	47	34.8	7.9	56.2	3.0	Y160M-4	11/380
		62	33.9	9.2	62.0		Y160L-4	15/380
		79	32.0	10.8	63.5		Y160L-4	15/380
65NFZTC-A30	960	31	15.0	2.3	56.2	2.0	Y132M1-6	4/380
		41	14.7	2.6	62.0		Y132M2-6	5.5/380
		52	13.8	3.1	63.5		Y132M2-6	5.5/380
65NFZTC-A27	1480	42	28.2	6.0	54.2	2.7	Y160M-4	11/380
		56	27.5	7.0	60.0		Y160M-4	11/380
		71	25.9	8.1	61.5		Y160M-4	11/380
65NFZTC-A27	960	28	12.2	1.7	54.2	1.8	Y132S-6	3/380
		37	11.9	2.0	60.0		Y132M1-6	4/380
		47	11.2	2.3	61.5		Y132M1-6	4/380
50NFZTC-A50	1480	57	110.7	50.7	33.9	3.8	Y280S-4	75/380
		91	105.5	60.9	42.9		Y280S-4	75/380
		111	99.8	66.9	45.1		Y280M-4	90/380
50NFZTC-A50	980	38	48.5	14.8	33.9	3.0	Y200L2-6	22/380
		60	46.3	17.9	42.9		Y225M-6	30/380
		74	43.8	19.6	45.1		Y225M-6	30/380
50NFZTC-A46	1480	48	85.8	34.8	32.2	2.9	Y225M-4	45/380
		77	82.3	41.4	41.7		Y250M-4	55/380
		94	79.9	45.8	44.7		Y250M-4	55/380
50NFZTC-A46	970	31	36.9	9.7	32.2	1.4	Y180L-6	15/380
		50	35.4	11.6	41.7		Y180L-6	15/380
		62	34.3	13.0	44.7		Y200L1-6	18.5/380
50NFZTC-A33	1480	26	42.5	9.2	32.8	6.0	Y160L-4	15/380
		40	40.0	10.7	40.6		Y180M-4	18.5/380
		54	34.5	12.3	41.4		Y180M-4	18.5/380
50NFZTC-A33	960	17	17.9	2.5	32.8	2.9	Y132M1-6	4/380
		26	16.8	2.9	40.6		Y132M2-6	5.5/380
		35	14.5	3.3	41.4		Y132M2-6	5.5/380
40NFZTC-A19	2900	16.3	57.1	6.5	39.2	4.9	Y160M1-2	11/380
		30.0	54.9	8.1	55.4		Y160M1-2	11/380
		34.9	53.7	8.7	58.8		Y160M1-2	11/380
40NFZTC-A19	1480	8.0	13.6	0.8	39.2	1.3	Y90L-4	1.5/380
		14.6	13.1	0.9	55.4		Y90L-4	1.5/380
		17.0	12.8	1.0	58.8		Y100L1-4	2.2/380
40NFZTC-A17	2900	9.4	44.6	3.4	33.2	4.5	Y132S1-2	5.5/380
		17.9	42.7	4.2	49.5		Y132S2-2	7.5/380
		23.4	39.3	4.8	52.4		Y13S2-2	7.5/380
40NFZTC-A17	1480	4.5	10.3	0.4	33.2	2.5	Y801-4	0.55/380
		8.6	9.9	0.5	49.5		Y90S-4	1.1/380
		11.3	9.1	0.5	52.4		Y90S-4	1.1/380

注：表中效率为采用填料轴封之值

Note: The efficiency refers to the value when packing shaft seal is used.

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (9)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(9)

型 号 Type	转速 Speed n r/min	流量 Capacity Q m³/h	扬程 Head H m	轴功率 Power of shaft Pa kW	效 率 Eff. η %	配套电机 Motors
150NFZTCL-B55B	980	256.9	49.3	63.0	54.8	Y315L1-6 V1 380V 110kw
		350.9	46.7	74.6	59.8	
		479.1	40.1	92.4	56.6	
150NFZTCL-B55B	740	194.0	28.1	27.0	54.8	Y280M-8 V1 380V 45kw
		264.9	26.6	32.1	59.8	
		361.7	22.8	39.7	56.6	
150NFZTCL-A35	980	198	17.9	15.3	63.1	Y225M-6 V1 380V 30kw
		332	13.2	17.5	68.1	
		364	12.1	18.0	66.8	
150NFZTCL-A35	740	147	10.0	6.3	63.1	Y180L-8 V1 380V 11kw
		247	7.3	7.2	68.1	
		271	6.7	7.4	66.8	
150NFZTCL-A35	590	119	6.5	3.3	63.1	160M-6 B3 380V 7.5kw
		200	4.8	3.8	68.1	
		219	4.4	3.9	66.8	
100NFZTCL-A34	1480	157	36.8	26.1	60.2	Y225M-4 V1 380V 45kw
		214	32.6	29.2	65.1	
		293	24.4	33.5	58.2	
100NFZTCL-A34	980	103	15.8	7.4	60.2	Y180L-6 V1 380V 15kw
		140	14.0	8.2	65.1	
		192	10.5	9.4	58.2	
80NFZTCL-A45	1480	124	80.5	52.3	52.3	Y250M-4 V1 380V 75kw
		235	65.9	72.3	58.4	
		284	55.9	82.4	52.5	
80NFZTCL-A45	980	81	34.6	14.7	52.3	Y200L-6 V1 380V 22kw
		154	28.3	20.3	58.4	
		186	24.0	23.2	52.5	
80NFZTCL-A36	1480	105	45.5	25.0	52.1	Y225M-4 V1 380V 45kw
		144	41.4	27.9	58.2	
		201	32.5	32.8	54.2	
80NFZTCL-A36	980	69	19.5	7.0	52.1	Y180L-6 V1 380V 15kw
		94	17.8	7.8	58.2	
		132	14.0	9.3	54.2	
80NFZTCL-A36B	1480	108	44.9	26.6	49.7	Y225M-4 V1 380V 45kw
		163	38.3	31.3	54.1	
		221	28.3	37.6	45.2	
80NFZTCL-A36B	980	71	19.3	7.5	49.7	Y180L-6 B5 380V 15kw
		107	16.4	8.8	54.1	
		145	12.2	10.6	45.2	
65NFZTCL-A30	1480	38	34.7	8.2	43.7	Y180M-4 V1 380V 18.5kw
		58	31.9	9.7	51.9	
		98	26.0	13.4	51.7	
65NFZTCL-A30	960	25	14.8	2.3	43.7	Y132M2-6 B5 380V 5.5kw
		38	13.6	2.7	51.9	
		64	11.1	3.7	51.7	

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (10)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(10)

型 号 Type	转速 Speed n	流量 Capacity Q	扬程 Head H	轴功率 Power of shaft Pa	效 率 Eff. η	配套电机 Motors
	r/min	m³/h	m	kW	%	
65NFZTCL-A30B	1480	59	34.4	11.2	49.0	Y180L-4 B5 380V 22kw
		89	33.3	13.3	60.9	
		106	31.2	15.2	59.2	
65NFZTCL-B30J	960	38	14.7	3.1	49.0	Y160M-6 B5 380V 7.5kw
		58	14.2	3.7	60.9	
		70	16.3	4.4	59.2	
65NFZTCL-B30J	1480	40	32.3	8.1	43.1	Y160L-4 B5 380V 15kw
		68	27.9	10.6	49.1	
		84	25.3	12.0	48.3	
50NFZTCL-A45	960	26	14.0	2.3	43.1	Y132M2-6 B5 380V 5.5kw
		45	12.0	3.0	49.1	
		55	10.9	3.4	48.3	
50NFZTCL-A45	1480	46	78.4	29.3	33.7	Y250M-4 V1 380V 55kw
		78	68.1	36.4	39.9	
		117	46.3	44.8	33.0	
50NFZTCL-A45B	960	30	33.7	8.2	33.7	Y180L-6 B5 380V 15kw
		51	29.2	9.7	39.9	
		77	19.9	11.4	33.0	
50NFZTCL-A45B	1480	48	74.0	29.3	35.5	Y250M-4 V1 380V 55kw
		77	64.4	34.4	39.1	
		107	50.7	40.6	36.5	
50NFZTCL-B40	960	32	31.8	8.2	35.5	Y180L-6 B5 380V 15kw
		50	27.7	9.7	39.1	
		70	21.8	11.4	36.5	
50NFZTCL-B40	1470	31	58.3	16.5	29.9	Y200L-4 V1 380V 30kw
		47	51.0	19.1	34.1	
		65	37.9	22.1	30.3	
50NFZTCL-A35	960	21	25.4	4.9	29.9	Y160L-6 B5 380V 11kw
		31	22.2	5.5	34.1	
		43	16.5	6.4	30.3	
50NFZTCL-A35	1470	39	47.1	11.9	42.1	Y180L-4 V1 380V 22kw
		64	40.9	14.8	48.1	
		86	32.2	17.5	43.1	
50NFZTCL-A35B	960	26	20.5	3.4	42.1	Y160M-6 B5 380V 7.5kw
		42	17.8	4.2	48.1	
		57	14.0	5.0	43.1	
50NFZTCL-A35B	1470	36	46.5	11.5	39.4	Y180L-4 B5 380V 22kw
		60	40.1	14.6	45.1	
		73	35.4	16.3	43.2	
50NFZTCL-A35B	960	24	20.2	23.3	39.4	Y160M-6 B5 380V 7.5kw
		40	17.5	4.1	45.1	
		48	15.4	4.7	43.2	
50NFZTCL-A20	1480	17	10.7	1.4	34.9	Y112M-4 B5 380V 4kw
		25	9.2	1.6	38.6	
		38	6.0	2.0	31.2	
50NFZTCL-A20	960	11	4.6	0.4	34.9	Y90L-6 B5 380V 1.1kw
		16	3.7	0.4	38.6	
		24	2.4	0.5	31.2	

NFZTC型复合陶瓷渣浆泵直联传动清水性能 (11)

The clear water performance of NFZTC Composite Ceramic Slurry Pump(11)

型 号 Type	转速 Speed n	流量 Capacity Q	扬程 Head H	轴功率 Power of shaft Pa	效 率 Eff. η	配套电机 Motors
	r/min	m³/h	m	kW	%	
50NFZTCL-A20J	2900	37	46.2	16.9	27.6	Y200L1-2 V1 380V 30kw
		56	38.3	17.3	33.8	
		70	24.3	18.0	25.6	
40NFZTCL-A35	1480	18	11.0	2.0	27.6	Y112M-4 B5 380V 4kw
		28	9.1	2.1	33.8	
		34	5.8	2.1	25.6	
40NFZTCL-A35	960	19.7	48.0	8.8	29.2	Y180M-4 B5 380V 18.5kw
		39.4	41.7	11.6	38.7	
		47.6	35.8	12.6	36.7	
40NFZTCL-B25	1480	12.9	20.5	2.5	29.2	Y132M2-6 B5 380V 5.5kw
		25.7	17.8	3.2	38.7	
		31.1	15.3	3.5	36.7	
40NFZTCL-B25	960	10.1	21.5	2.3	26.1	Y112M-4 B5 380V 5.5kw
		18.4	19.0	2.6	36.6	
		22.9	16.8	2.8	37.6	
40NFZTCL-B25B	1480	6.6	9.2	0.6	26.1	Y100L-6 B5 380V 1.5kw
		12.0	8.1	0.7	36.6	
		14.9	7.2	0.8	37.6	
40NFZTCL-B25B	960	10.2	19.1	2.5	21.4	Y132S-4 B5 380V 5.5kw
		19.6	16.5	2.9	30.4	
		24.2	14.8	3.1	31.5	
40NFZTCL-A21	1480	6.6	8.1	0.7	21.4	Y100L-6 B5 380V 1.5kw
		12.8	7.0	0.8	30.4	
		15.8	6.3	0.9	31.5	
40NFZTCL-A21	960	9.5	17.0	1.6	27.9	Y112M-4 V1 380V 4.0kw
		20.3	15.3	2.0	42.4	
		25.9	14.1	2.2	44.6	
40NFZTCL-A21B	1480	6.0	6.8	0.4	27.9	Y90L-6 V1 380V 1.1kw
		12.8	6.1	0.5	42.4	
		16.4	5.6	0.6	44.6	
40NFZTCL-A21B	960	11.9	14.6	1.6	28.8	Y112M-4 B5 380V 4kw
		19.9	12.8	1.9	36.6	
		25.2	10.8	2.0	36.3	
40NFZTCL-A21B	960	7.5	5.8	0.4	28.8	Y90L-6 B5 380V 1.1kw
		12.6	5.1	0.5	36.6	
		15.9	4.3	0.5	36.3	

说明: 1.除150NFZTCL-A35 n=590r/min为皮带传动外, 其余均为直联传动;

2.V1、B3、B5为电机的安装结构形式。

Note: 1. 150NFZTCL-A35 (n=590r/min) is beltdriven while the others are alldirectly-coupled.

2. V1, B3, B5 are mounting patterns of motors.



Installation Drawing of Directly-Coupled NFZTC Composite Ceramic Slurry Pump(Single Base)



Installation Drawing of Directly-Coupled NFZTC Composite Ceramic Slurry Pump(Common Base)

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸 (单独底座) (1)
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (1)

项目Item 型号Type	电动机 Motors 功率(kw) Power	L8	L9	B5	H3	H6	n-φ4	L	L2	L4	L6	B1	B3	H1	H4	H7	F	n-φ1	b1	s1	n-φ2	b2	n-φ5	法兰连接 Flange connect
350NFZTC-F100	Y450-10	355	605	1120	800	450	700	4-φ35	2225	630	240	518	1190	672	1080	80		20-φ26	φ450	36	16-φ25	φ350		4
	Y500-10	500	725	1250	900	500	800	4-φ42	635	1056	240	518	1190	672	1080	80		φ565	φ615	34	φ470	φ520		
	Y450-12	220	605	1120	800	450	700	4-φ35		1056	240	518	1190	672	1080	80								
	Y500-12	315	725	1250	900	500	800	4-φ42		1056	240	518	1190	672	1080	80								
350NFZTC-C100	Y450-10	280	605	1120	800	450	700	4-φ35	2476	630	240	518	1190	672	1080	80		20-φ30	φ585	42	16-φ33	φ490		
	Y500-10	355	725	1250	900	500	800	4-φ42	486	1056	240	518	1190	672	1080	80		φ450	φ640	42	φ350	φ555		
	Y450-12	220	605	1120	800	450	700	4-φ35		1056	240	518	1190	672	1080	80								
	Y500-12	315	725	1250	900	500	800	4-φ42		1056	240	518	1190	672	1080	80								
350NFZTC-A85	Y450-10	280	605	1120	800	450	700	4-φ35	2168	630	240	518	1190	672	1080	80		20-φ26	φ585	36	16-φ26	φ460	4-φ14	2
	Y500-10	355	725	1250	900	500	800	4-φ42	450	1056	240	518	1190	672	1080	80		φ450	φ615	38	φ350	φ505		
	Y450-12	220	605	1120	800	450	700	4-φ35		1056	240	518	1190	672	1080	80								
	Y500-12	315	725	1250	900	500	800	4-φ42		1056	240	518	1190	672	1080	80								
300NFZTC-A100	Y450-10	280	605	1120	800	450	700	4-φ35	2208	630	240	518	1190	672	1080	80		16-φ27	φ515	36	16-φ25	φ470		
	Y500-10	355	725	1250	900	500	800	4-φ42	450	1056	240	518	1190	672	1080	80		φ400	φ565	38	φ350	φ520		
	Y450-12	220	605	1120	800	450	700	4-φ35		1056	240	518	1190	672	1080	80								
	Y500-12	315	725	1250	900	500	800	4-φ42		1056	240	518	1190	672	1080	80								
300NFZTC-A95	Y450-10	280	605	1120	800	450	700	4-φ35	2208	630	240	518	1190	672	1080	80		16-φ25	φ400	36	12-φ26	φ300		4
	Y500-10	355	725	1250	900	500	800	4-φ42	450	1056	240	518	1190	672	1080	80		φ515	φ565	34	φ410	φ460		
	Y450-12	220	605	1120	800	450	700	4-φ35		1056	240	518	1190	672	1080	80								
	Y500-12	315	725	1250	900	500	800	4-φ42		1056	240	518	1190	672	1080	80								

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸 (单独底座) (2)
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (2)

项目Item 型号Type	电动机 Motors 功率(kw) Power	L8	L9	B5	H3	H6	n-φ4	L	L2	L4	L6	B1	B3	H1	H4	H7	F	n-φ1	b1	s1	n-φ2	b2	n-φ5	法兰连接 Flange connect
300NFZTC-A80	Y450-8	355	605	1120	800	450	700	4-φ35	2151	630	372	333	1200	560	1060	800		16-φ23	φ350	34	12-φ25	φ300		4
	Y500-8	500	725	1250	900	500	800	4-φ42	450	1056	240	518	1190	672	1080	800		φ460	φ500	34	φ410	φ460		
	Y450-10	185	605	1120	800	450	700																	
	280																							
300NFZTC-C90	Y450-12	200						4-φ35	2311	630	240	518	1190	595	1080	800		16-φ30	φ525	36	16-φ30	φ430	4-φ14	2
	220								635	1056	240	518	1190	595	1080	800		φ400	φ580	38	φ300	φ485		
	280																							
	355																							
300NFZTC-A85	Y450-8	315																						4
	450																							
	Y355L2-10	160	424	630	610	355	630	4-φ28	2151	630	372	333	1200	560	1060	800		16-φ23	φ350	34	12-φ25	φ300		4
	220								450	1056	240	518	1190	595	1080	800		φ460	φ500	34	φ410	φ460		
300NFZTC-A70	Y450-10	250	605	1120	800	450	700	4-φ35																
	450																							
	Y450-6	630	605	1120	800	450	700	4-φ35																
	Y355L1-8	185	424	630	610	355	630	4-φ28																
300NFZTC-A65	Y400-8	250	545	1000	710	400																		
	400																							
	Y450-6	500	605	1120	800	450	700	4-φ35	1931	630	200	320	1200	470	810	800		16-φ23	φ350	30	12-φ25	φ300	4-φ14	2
	Y355M2-8	160	424	630	610	355	630	4-φ28	437	1056	170	240	1100	500	758	300		φ460	φ500	34	φ410	φ460		
300NFZTC-A65	Y400-8	220	545	1000	710	400																		
	200																							
	Y355L2-8	200	424	630	610	355	630	4-φ28																
	Y400-8	220	545	1000	710	400																		

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (单独底座) (3)
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump(Single Base) (3)

项目Item 型号Type	电动机 Motor		L8	L9	B5	H3	H6	n-Φ4	L	L2 /L3	L4 /L5	L6 /L7	B1 /B2	B3 /B4	H1 /H2	H4 /H5	H7 /H8	F /n-Φ3	n-Φ1 /Φ1	b1 / c1	s1 / s2	n-Φ2 / Φ2	b2 / c2	n-Φ5 Flange connect	
	型号Type	功率(kw) Power																							
300NFZTC-A58	Y355M2-6	185		560					1936	630	200	336		400	810				18-Φ23 / Φ445	Φ350 / Φ458	30 /40	12-Φ25 /Φ410	Φ300 /Φ460	4-Φ14	1
	Y355L2-6	250	424	630			630	4-Φ28	453	409	170	240		500	748										
	Y315M-8	75		457	508	315																			
	Y315L2-8	110		508																					
250NFZTC-A103	Y450-8	450	605	1120	800	450	700	4-Φ35																	
	Y500-8	560	725	1250	900	500	800	4-Φ42						604	1060										
	Y450-10	250																							
	Y450-8	280	605	1120	800	450	700	4-Φ35	2135	630	372	333	1200				80	260							
250NFZTC-A86	Y450-8	355																							
	Y500-8	450												565	500										
	Y450-10	250	605	1120	800	450	700	4-Φ35																	
	Y450-8	280																							
250NFZTC-A89	Y450-8	315																							
	Y500-8	400	605	1120	800	450	700	4-Φ35	2136	630	372	333	1200												
	Y450-10	250																							
	Y450-8	280	605	1120	800	450	700	4-Φ35																	
250NFZTC-A85	Y450-8	220																							
	Y500-6	800	725	1250	900	500	800	4-Φ42																	
	Y400-8	220	545	1000	710	400																			
	Y450-8	315	605	1120	800	450	700	4-Φ35	2132	630	230	465	500	520	900										
250NFZTC-A83	Y450-6	500	605	1120	800	450																			
	Y500-6	710	725	1250	900	500	800	4-Φ42																	
	Y400-8	220																							
	Y450-8	280	545	1000	710	400	700	4-Φ35																	

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (单独底座) (4)
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (4)

项目Item 型号Type	电动机 Motors		L6	L9	B5	H3	H6	n-Φ4	L	L2 /L3	L4 /L5	L6 /L7	B1 /B2	B3 /B4	H1 /H2	H4 /H5	H7 /H8	F /n-Φ3	n-Φ1 /d1	b1 /c1	b1 /b2	n-Φ2 /d2	b2 /c2	法兰连接 Flange connect	
	型号Type	功率(kw) Power																							
250NFZTC-A80	Y450-6	500	605	1120	800	450	700	4-Φ35																	
		630							2132	630	230	465	520	900			65		12-Φ25	Φ300	42	12-Φ30	Φ250	4-Φ14	4
	Y500-6	710	725	1250	900	500	800	4-Φ42	/582	/465	/230	/240	/500	/898			/190		Φ401	Φ460	34	Φ370	Φ425		
	Y400-8	200	545	1000	710	400	700	4-Φ35																	
		280																							
250NFZTC-C80	Y355L2-10	160	424	630	610	355	630	4-Φ28	2228	630	230	465	1200	550	900	900	65	6	16-Φ23	Φ460	38	12-Φ27	Φ355	4-Φ14	2
	Y450-10	220							/582	/516	/230	/240	/1110	/500	/955	/300	/190	/4-Φ40	Φ350	Φ505	35	Φ250	Φ405		
	Y450-6	450	605	1120	800	450	700	4-Φ35																	
		630																							
250NFZTC-A78	Y355L1-8	185	424	630	610	355	630	4-Φ28	1913	630	200	337	500	810			65		12-Φ23	Φ300	34	12-Φ35	Φ355	4-Φ14	4
	Y400-8	250	545	1000	710	400	700	4-Φ35	/454	/392	/170	/240	/500	/818			/180		Φ410	Φ460	32	Φ355	Φ405		
		280																							
	Y400-6	315	545	1000	710	400																			
250NFZTC-A75	Y450-6	450	605	1120	800	450	700	4-Φ35																	
		560																							
	Y355M1-8	132	560	610	355	630	4-Φ28																		
	Y355L1-8	185	424	630	610	355	630	4-Φ28																	
250NFZTC-A73	Y400-8	220																							
	Y400-6	280	545	1000	710	400	700	4-Φ35																	
		400																							
	Y450-6	500	605	1120	800	450																			
250NFZTC-A70	Y355M1-8	132	560	610	355	630	4-Φ28																		
	Y355L1-8	185	424	630	610	355	630	4-Φ28																	
	Y355L2-8	200	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	460	810	800	65	6	12-Φ23	Φ300	34	12-Φ25	Φ250	4-Φ14	4
	Y400-6	280	545	1000	710	400	700	4-Φ35	/454	/392	/170	/240	/1110	/500	/818	/300	/180	/4-Φ40	Φ410	Φ460	/32	Φ355	Φ405		
250NFZTC-A70	Y450-6	450	605	1120	800	450																			
	Y315L2-8	110	386	508	508	315																			
	Y355M2-8	160	560	610	355	630	4-Φ28																		
	Y355L1-8	185	424	630	610	355	630	4-Φ28																	
250NFZTC-A68	Y355-6	250	525	900	630																				
	Y400-6	355	545	1000	710	400	700	4-Φ35																	
	Y450-6	450	605	1120	800	450																			
	Y315L2-8	110	386	508	508	315																			
250NFZTC-A68	Y355M2-8	160	560	610	355	630	4-Φ28																		
	Y355L1-8	185	424	630	610	355	630	4-Φ28																	
		250	525	900	630																				
	Y400-6	355	545	1000	710	400	700	4-Φ35																	

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (单独底座) (5)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (5)

项目Item	电动机 Motors	L6	L9	B5	H3	H6	n-Φ4	L	L2	L4	L6	B1	B3	H1	H4	H7	F	n-Φ1	b1	b1	n-Φ2	b2	法兰连接 Flange connect
型号Type	功率(kw) Power																						
250NFZTC-A65	Y355-6	220	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y400-6	280	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L1-8	90	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M1-8	132	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
250NFZTC-A63	Y355-6	200	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y400-6	250	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L1-8	90	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
250NFZTC-A60	Y355M1-8	132	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y355M2-6	185	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355L2-6	250	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y400-6	280	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A65	Y315M-8	75	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y400-6	400	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y450-6	560	605	1120	800	450	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A75	Y355M2-8	160	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y400-8	220	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355-6	250	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y400-6	355	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A73	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y355M1-8	132	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M2-8	160	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355-6	250	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (单独底座) (6)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (6)

项目Item	电动机 Motors	L8	L9	B5	H3	H6	n-Φ4	L	L2	L4	L6	B1	B3	H1	H4	H7	F	n-Φ1	b1	b1	n-Φ2	b2	法兰连接 Flange connect
型号Type	功率(kw) Power																						
200NFZTC-A70	Y355M3-6	200	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y400-6	280	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L1-8	90	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M1-8	132	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A68	Y355M3-6	200	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y355-6	250	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y400-6	315	545	1000	710	400	700	4-Φ35	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L1-8	90	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A65	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y355M1-8	132	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M2-6	185	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355-6	250	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A63	Y355-6	200	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y315M-8	75	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M1-6	160	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A60	Y355-6	220	525	900	630	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y315M-8	75	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L2-8	110	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y355M1-6	160	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
200NFZTC-A58	Y315L2-6	132	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	4
	Y355M2-6	185	424	560	610	355	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315M-8	75	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	
	Y315L1-8	90	386	508	508	315	630	4-Φ28	1913	630	200	337	1200	410	810	800	65	6	12-Φ23	Φ300	12-Φ25	Φ250	

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸 (单独底座) (7)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (7)

项目/Item 型号/Type	电动机/Motors		L8	L9	B5	H3	H6	n-Φ4	L	L2 /L3	L4 /L5	L6 /L7	B1 /B2	B3 /B4	H1 /H2	H4 /H5	H7 /H8	F /n-Φ3	n-Φ1 /d1	b1 /c1	S1 /S2	n-Φ2 /d2	b2 /c2	n-Φ5 /d5	法兰连接 Flange connect
	型号/Type	功率(kw) Power																							
150NFZTC-A71	Y355M1-6	160	424	560	610	355			1585	510			416	660											3
	Y355L1-6	220	630						368	354															
	Y315M1-8	75		457	508	315																			
	Y315M2-8	90	386																						
150NFZTC-A70	Y315L2-6	132		508																					
	Y355M1-6	160	424	560	610	355			1602	510			410	660											
	Y355M2-6	185							368	331															
	Y315S-8	55		406																					
150NFZTC-A65	Y315M-8	75	386	457	508	315																			2
	Y315L2-6	132		508																					
	Y355M2-6	185	424	560	610	355																			
	Y355M3-6	200																							
150NFZTC-A63	Y315M-8	75		457																					
	Y315L1-8	90	386																						
	Y315L2-8	132																							
	Y355M1-6	160	424	560	610	355																			
150NFZTC-A60	Y355M2-6	185																							
	Y280M-8	45	330	419	457	280	500	4-Φ24																	
	Y315S-8	55		406																					
	Y315M-8	75	386	457	508	315	630	4-Φ28	1571	510	157	258	1000	370	660	800	55	6	8-Φ23	Φ200	26	8-Φ26	Φ150	4-Φ14	2
150NFZTC-A58	Y315L2-6	132		508					355	360	157	200	900	420	658	300	160	4-Φ40	Φ295	Φ335	32	Φ250	Φ300		
	Y280S-8	37	330	368	457	280	500	4-Φ24																	
	Y315S-8	55	386	406	508	315	630	4-Φ28																	
	Y250M-8	30																							

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸 (单独底座) (8)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Single Base) (8)

项目/Item 型号/Type	电动机/Motors		L8	L9	B5	H3	H6	n-Φ4	L	L2 /L3	L4 /L5	L6 /L7	B1 /B2	B3 /B4	H1 /H2	H4 /H5	H7 /H8	F /n-Φ3	n-Φ1 /d1	b1 /c1	S1 /S2	n-Φ2 /d2	b2 /c2	n-Φ5 /d5	法兰连接 Flange connect
	型号/Type	功率(kw) Power																							
150NFZTC-A55	Y315M-6	90	386	457	508	315	630	4-Φ28																	
	Y315L1-6	110	508						1571	510			370	420											
	Y280S-8	37	330	368	457	280	500	4-Φ24																	
	Y280M-8	45		419																					
150NFZTC-C58	Y315S-8	55		406																					
	Y315L1-6	110	386	508	508	315	630	4-Φ28																	
	Y315L2-6	132																							
	Y355M1-6	160	424	610	560	355			1567	510	157	258	1000	385	660	800	55	6	8-Φ23	Φ200	26	8-Φ26	Φ150	4-Φ14	2
150NFZTC-A57	Y280M-8	45	330	419	457	280	500	4-Φ24																	
	Y315S-8	55		406																					
	Y315M-8	75	386	457	508	315	630	4-Φ28																	
	Y315L1-6	110							1571	510			370	420											
200NFZTC-B45	Y280S-8	37	330	368	457	280	500	4-Φ24																	
	Y280M-8	45		419																					
	Y315S-8	55	386	406	508	315	630	4-Φ28																	
	Y225M-6	30																							
150NFZTC-A50	Y250M-6	37	1675	1310	308	310	110	712	712	822	742		295		615		50								
	Y280M-4	90																							
	Y315M-4	132	1832																						
	Y280M-6	55	1675																						
150NFZTC-A48	Y315S-6	75	1832																						
	Y315M-6	90																							
	Y250M-8	30																							
	Y280S-8	37	1675																						
150NFZTC-A46	Y280M-6	55																							
	Y315S-6	75	1832																						
	Y225M-8	22	1675																						
	Y250M-8	30																							

注: 1. 配用其它型号电机, 应将电机部分安装尺寸做相应改动。

Note: 1. If motors other than those as listed are used, the mounting dimensions on the part of the motor used should be accordingly modified.

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸（共同底座）（1）
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Common Base) (1)

项目Item		电动机 Motors		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	n-Φ1 / n-Φ2	d1 / d4	d2 / d5	d3 / d6	法兰连接 Flange connect			
型号Type		功率(kw) Power																									
150NFZTC-B45	Y225M-6	30		1675																							
	Y250M-6	37		1675	1356	350	328	110	712	712	822	742		285		610		50	130	12-Φ23 8-Φ21	Φ200 Φ150	Φ295 Φ250	Φ340 Φ300	30 30	6-Φ30	2	
	Y280M-4	90		1675				150	766	766	897	817						60									
	Y315S-4	110		1832																							
150NFZTC-C42	Y315S-4	110		1832				150	766	766	897	817	680				630	60									2
	Y315M-4	132		1832																							
	Y225M-6	30		1675	1345	330	337							300		578		50	130	8-Φ22 8-Φ22	Φ200 Φ200	Φ295 Φ295	Φ335 Φ335	26 30	6-Φ30		
	Y250M-6	37		1675				110	712	712	822	742															
100NFZTC-A50	Y280S-6	45																									
	Y280M-6	55						150	766	766	897	817						60									
	Y315S-4	110		1832																							
	Y315M-4	160		1885				203																			
100NFZTC-A46	Y225M-6	30																									
	Y280S-6	45		1675																							
	Y280M-6	55																									
	Y315S-4	110		1832	1349	371	300	110	712	712	822	742		280	540	548		50		8-Φ18 8-Φ18	Φ150 Φ100	Φ225 Φ180	Φ260 Φ215	23 20	6-Φ30	2	
100NFZTC-A42	Y315M-4	132						150	766	766	897	817						60									
	Y225M-6	30																									
	Y250M-6	37						110	712	712	822	742						50									
	Y280S-4	75											680				630	60	130								
100NFZTC-B42	Y280M-4	90		1626				233	135	700	700																
	Y200L2-6	22		1385				247	103	590	590																
	Y225M-6	30		1452				246	101	625	625																
	Y280S-4	75			1179	295																					
100NFZTC-A42	Y280M-4	90		1626				233	135	700	700																
	Y200L2-6	22		1385				247	103	590	590																
	Y225M-6	30		1452				246	101	625	625																
	Y280S-4	75																									

NFZTC型复合陶瓷渣浆泵直联传动安装尺寸（共同底座）（2）
Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Common Base) (2)

项目Item		电动机 Motors		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	n-Φ1 / n-Φ2	d1 / d4	d2 / d5	d3 / d6	5.1 / 5.2	法兰连接 Flange connect
型号Type	型号Type	功率(kw) Power																							
100NFZTC-A39	Y250M-4	55	1555				240	128	650	650															2
	Y280S-4	75	1626				233	135	700	700															
	Y200L1-6	18.5	1385										250												
	Y200L2-6	22					247	103	590	590			248												
	Y225M-6	30	1452				246	101	625	625															
100NFZTC-B42	Y225M-4	45	1452	1156	296		222	101	625	625															
	Y250M-4	55	1555				216	128	650	650															
	Y280S-4	75	1626				209	135	700	700															
	Y180L-6	15	1355				227	102	575	575															
	Y200L1-6	18.5	1385				223	103	590	590															
100NFZTC-A36	Y200L2-6	22																							2
	Y225S-4	37	1452				242	101	625	625	760	680													
	Y250M-4	55	1555				236	128	650	650															
	Y180L-6	15	1355				247	102	575	575			490												
	Y200L1-6	18.5	1385										680												
100NFZTC-A33	Y200L-4	30		1170	290		243	103	590	590															
	Y225S-4	37	1452				242	101	625	625															
	Y225M-4	45																							
	Y160L-6	11	1355																						
	Y180L-6	15					247	102	575	575															
80NFZTC-A52	Y315S-4	110	1832																						
	Y315M-4	132					301	150	766	766	897	817													
	Y315L1-4	160	1932				351	200																	
	Y225M-6	30		1337	358																				
	Y250M-6	37	1675				301	110	712	712	822	742													
	Y280S-6	45																							

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (共同底座) (3)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Common Base) (3)

项目Item 型号Type	电动机 Motors		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	n-Φ1 n-Φ2	d1 / d4	d2 / d5	d3 / d6	Φ1 / Φ2	n-Φd	法兰连接 Flange connect
	型号Type	功率(kw) Power																							
80NFZTC-A42	Y250M-4	55	1555			229	128	650	650																
	Y280S-4	75	1626			222	135	700	700																
	Y200L1-6	18.5	1385			236	103	590	590				240												
	Y200L2-6	22																							
80NFZTC-A39	Y225M-4	45	1452	1157	264	235	101	625	625																
	Y250M-4	55	1555			229	128	650	650																
	Y180L-6	15	1355			240	102	575	575	760	680	680		490		630	50	130	8-Φ18 8-Φ18	Φ125 Φ80	Φ200 Φ16	Φ235 Φ195	20 20	6-Φ30	2
	Y200L1-6	18.5	1385			236	103	590	590																
80NFZTC-A36	Y200L-4	30																							
	Y225S-4	37	1452			235	101	625	625																
	Y225M-4	45				235	101	625	625																
	Y160L-6	11	1355	1156	263	240	102	575	575				215												
80NFZTC-A33	Y200L-4	30	1385			236	103	590	590																
	Y225S-4	37	1452			235	101	625	625																
	Y160M-6	7.5	1355			240	102	575	575																
	Y160L-6	11																							
65NFZTC-A30	Y160M-4	11																							
	Y160L-4	15																							
	Y132M1-6	4																							
	Y132M2-6	5.5	1140	976	267	196	100	470	470	650	580	580	160	365	452	500	25	100	4-Φ18 4-Φ18	Φ100 Φ65	Φ170 Φ145	Φ205 Φ180	21 23	6-Φ27	1
65NFZTC-A27	Y160M-4	11																							
	Y132S-6	3																							
	Y132M1-6	4																							

NFZTC型复合陶瓷渣泵直联传动安装尺寸 (共同底座) (4)

Installation Sizes of Directly-Coupled NFZTC Composite Ceramic Slurry Pump (Common Base) (4)

项目Item 型号Type	电动机 Motors		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	n-Φ1 n-Φ2	d1 / d4	d2 / d5	d3 / d6	Φ1 / Φ2	n-Φd	法兰连接 Flange connect
	型号Type	功率(kw) Power																							
50NFZTC-A50	Y280S-4	75	1780			330	180	710	710	900	820	730													
	Y280M-4	90		1221	243								273	540	475										
	Y200L2-6	22	1675			300	110	712	712	822	742														
	Y225M-6	30																							
50NFZTC-A46	Y225M-4	45	1452			238	101	625	625			680													
	Y250M-4	55	1555			232	128	650	650																
	Y180L-6	15	1355	1171	295	243	102	575	575	760	680			258	490	503			8-Φ18 8-Φ18	Φ155 Φ145	Φ200 Φ180	20 22			
	Y200L1-6	18.5	1385			239	103	590	590																
50NFZTC-A33	Y160L-4	15																							
	Y180M-4	18.5	1140	968	259	196	100	470	470	650	580	580	200	365	428	500	25	100	4-Φ18 4-Φ18	Φ80 Φ50	Φ155 Φ145	Φ190 Φ180	21 23	6-Φ27	
	Y132M1-6	4																							
	Y132M2-6	5.5																							
40NFZTC-A19	Y160M1-2	11	905																						
	Y90L-4	1.5	740	596	99	149	90			450	400	400	112		260		25		4-Φ14 4-Φ12	Φ56 Φ40	Φ110 Φ100	Φ140 Φ125	16 19	6-Φ14	1
	Y100L1-4	2.2																							
	Y132S1-2	5.6																							
40NFZTC-A17	Y132S2-2	7.5	740																						
	Y80L-4	0.55		591	96	146	30			260	200	200	100		220		16		4-Φ12 4-Φ12	Φ40 Φ40	Φ100 Φ100	Φ125 Φ125	19 19	6-Φ14	
	Y90S-4	1.1	600																						

注: 1. 配用其它型号电机, 应将电机部分安装尺寸做相应改动。

Note: 1. If motors other than those as listed are used, the mounting dimensions on the part of the motor used should be accordingly modified.

NFZTC-B SERIES SLURRY PUMP

NFZTC-B系列渣浆泵



为了满足电力、冶金、煤炭等行业发展的需要，针对除灰除渣及渣浆输送工况的特点，在几十年渣浆泵设计制造经验基础上，广泛吸取国内外先进技术和研制成果，我厂开发了我国最新一代大流量、高扬程、可多级串连的NFZTC-B系列渣浆泵。该系列产品的主要技术特点如下：

- 采用现代CAD设计方法，水利性能优良，效率高和磨损率低；流量宽畅，抗堵塞性能好，汽蚀性能优越；
- 采用副叶轮加填料组合式密封或机械密封，确保渣浆无泄漏；
- 可靠性设计，保证了整机平均无故障工作时间大幅度提高；

- 采用稀油润滑公制轴承，合理设置润滑与冷却系统，保证轴承在低温下状态下运行；
- 过流部件采用特殊材质，耐磨耐腐蚀性能好；
- 经特殊处理，用于海水除灰及海水和盐雾电化学腐蚀工况；
- 在允许的压力范围内可以多级串连使用，其允许最大工作压力为3.6MPa。

该系列渣浆泵产品具有结构合理、效率高、运行可靠和维修方便等优点，广泛适用于电力、冶金、矿山、煤炭、建材、化工等工业部门输送磨蚀性或腐蚀性渣浆，特点是电厂灰渣。

In order to meet the development needs of industries such as electricity, metallurgy, and coal, be aimed at ash and slag removal and slurry transportation conditions, based on decades of experience in designing and manufacturing slurry pumps, widely absorb advanced technologies and research achievements both domestically and internationally, our factory has developed the latest generation of NFZTC-B series slurry pumps with high flow rate, high head, and multi-level serial connection.

The main technical features of this series of products are as follows:

- Adopting modern CAD design methods, excellent hydraulic performance, high efficiency, and low wear rate; smooth flow, good anti clogging performance, and superior cavitation performance;
- Adopting a combination sealing form of auxiliary impeller and packing or mechanical sealing form to ensure that the slurry will not leak;
- Reliable design ensures a significant increase in the average MTBF time of the entire machine; Lubricating metric bearings with thin oil during, and setting up lubrication and cooling systems reasonably to ensure that the bearings operate at low temperatures. The overcurrent components are made of special materials, which have good wear and corrosion resistance;
- Specially treated for seawater ash removal and electrochemical corrosion of seawater and

salt spray;

- It can be used in multiple stages in series within the allowable pressure range, with a maximum allowable working pressure of 3.6 MPa.

This series of slurry pump products have the advantages of reasonable structure, high efficiency, reliable operation, and convenient maintenance. They are widely used in industrial sectors such as power, metallurgy, mining, coal, building materials, chemical industry, etc. to transport abrasive or corrosive slurry, especially power plant ash.

型号意义 Type notation



产品特点

NFZTC-B(P)系列陶瓷渣浆泵为卧式、单级、单吸、悬臂、双泵壳、离心式渣浆泵。该泵从驱动端看顺时针旋转。相同口径的NFBTC型渣浆泵的过流部件可以互换，外形安装尺寸相同。NFZTCB(P)系列渣浆泵的传动部分采用水平中开式稀油润滑托架，并设有内外两组水冷却系统。必要时可加冷却水。预留的冷却水接口、冷却水压力参考表1。

NFZTC-B(P)系列渣浆泵的轴封形式有两种：副叶轮加填料组合式密封和机械密封。凡串联渣浆泵（二级或二级以上）建议采用有高压轴封水的机械密封。单级或串联一级采用副叶轮加填料组合式密封。轴封形式轴封水压、水量如下：

1、轴封水泵：对于单级（或串联一级）采用填料加副叶轮组合式密封，轴封水压力一般为0.2-0.3 Mpa。对于多级串连采用填料加副叶轮组合式密封，二级和二级以上轴封水最低压力一般为：

$$P_n = \sum_{i=1}^n H_i + 0.7H_n; H_i \text{ 为第 } i \text{ 级泵扬程； } H_n \text{ 为第 } n \text{ 级泵扬程。}$$

对采用机械密封，各级泵的轴封水压力一般要求比泵出口压力大0.1MPa。

2、轴封水量（见表1）

Product Features

The series NFZTC-B(P) slurry pump is horizontal, single-stage, single-suction, double-casing, centrifugal slurry pump. The pump rotates in clockwise viewed from the drive end. The wet parts of NFZTC-B pump at the same outlet diameter can be interchangeable. Their outline installation dimensions are one and the same. For the drive part of the series NFZTC-B(P) slurry pump, the horizontal split frame with oil lubrication and two sets of water cooling systems inside and outside has been adopted. If necessary, cooling water can be supplied. The prepared joint for cooling water and the pressure of the cooling water can be seen in table 1.

Two kinds of shaft seal-expeller seal combined with packing and mechanical seal have been used for series NFZTC-B(P) slurry pump. The mechanical seal supplied with high pressure sealing water is recommended when the slurry pump is operated in series (two stages and above two stages), and the expeller seal combined with packing, the water pressure of the shaft seal is 0.2-0.3MPa.

For multi-stage (two and above two stages) in series operation with the expeller seal combined with packing, the lowest sealing water pressure of n stage: $P_n = \sum_{i=1}^n H_i + 0.7H_n$; H_i is i stage pump head; H_n is n stage pump head.

For mechanical seal, the sealing water pressure of each stage of pump is higher 0.1MPa than pump discharge pressure.

2. Sealing water pressure (see table 1).

泵型号 pump type	托架 Frame	轴封水量 (l/s)sealing Water	轴封水接口 Sealing water Joint	托架冷却水接口 Cooling water joint on Fram	托架冷却水压口 Cooling water pressure
65NFZTC-B	320	0.5	1/4"	1/2" 3/8"	0.05~0.2MPa
80NFZTC-B/100NFZTC-B	406	0.7	1/2"	3/4" 1/2"	
80NFZTC-B(P)/100NFZTC-B(P)	406A				
150NFZTC-B/200NFZTC-B	565	1.2	1/2"	3/4" 3/4"	
150NFZTC-B(P)/200NFZTC-B(P)	565A				
250NFZTC-B/300NFZTC-B	743		1"		
250NFZTC-B(P)	743A				

NFZTC-B(P)型渣浆泵性能参数表

Performance Parameter Table of NFZTC-B (P) Slurry Pump

型号 Type	流量 Capacity Q m³/h	扬程 Head H m	转速 Speed n r/min	必需汽蚀 余量 (NPSH)r m	效率 Eff. η %	轴功率 shaft Power Pa	配套电机Motors		泵外形尺寸 (长×宽×高) Overall dimensions L×W×H(mm)	口径 Dia. of pump	
							功率 Power kW	规格 Specif		吸入 Inlet	吐出 Outlet
65NFZTC-B-39	56.88	61	1480	3.0	47.4	19.9	30	Y200L-4	1380×845×834	80	65
	95.04	60		3.7	59.8	25.9	45	Y225M-4			
	114.12	58		4.5	62.5	28.8	55	Y250M-4			
65NFZTC-B-39	37.8	26.7	980	1.3	47.4	5.8	11	Y160L-6	1380×845×834	80	65
	63	26.3		1.8	59.8	7.5					
	75.6	25.4		2.0	62.5	8.37	15	Y180L-6			
80NFZTC-B-40	83.88	62.3	1480	1.8	48.7	29.2	55	Y250M-4	1700×862×1117	100	80
	140.04	61.2		2.8	63	37					
	168.08	59.5		3.5	66.1	41.3	75	Y280S-4			
80NFZTC-B-40	55.44	27.3	980	0.8	48.7	8.4	15	Y180L-6	1700×862×1117	100	80
	92.88	26.8		1.2	63	10.8					
	111.6	26.1		1.5	66.1	12	18.5	Y200L2-6			
80NFZTC-B-45	93.6	77.1	1480	2.3	48.7	40.4	75	Y280S-4	1700×862×1117	100	80
	155.88	75.8		3.5	63	51.1					
	187.2	73.7		4.4	66.1	56.8	90	Y280M-4			
80NFZTC-B-45	61.92	33.8	980	1.0	48.7	11.7	22	Y200L2-6	1700×862×1117	100	80
	103.32	33.2		1.5	63	14.8					
	123.84	32.3		1.9	66.1	16.5	30	Y225M-6			
80NFZTC-B-48	101.88	91.6	1480	2.7	48.7	52.2	90	Y280M-4	1700×862×1117	100	80
	169.92	90		4.1	63	66.1	110	Y315S-4			
	204.12	87.5		5.2	66.1	73.7	132	Y315M1-4			
80NFZTC-B-48	67.68	40.2	980	1.2	48.7	15.2	30	Y225M-6	1700×862×1117	100	80
	112.68	39.5		1.8	63	19.2					
	135	38.4		2.3	66.1	21.4	37	Y250M-6			
100NFZTC-B-40	168.12	58.8	1480	1.7	57.4	46.9	95	Y280S-4	1700×862×1117	152	80
	280.08	56.4		2.4	74.4	57.8	90	Y280M-4			
	336.24	54.5		3.8	77.9	64	110	Y315S-4			
100NFZTC-B-40	111.24	25.8	980	0.8	57.4	13.6	22	Y200L2-6	1700×862×1117	152	100
	185.4	24.7		1.1	74.4	16.8					
	222.48	23.9		1.7	77.9	18.6	30	Y255M-6			
100NFZTC-B-45	189	74.4	1480	2.1	57.4	66.7	110	Y315S-4	1700×862×1117	152	100
	315	71.4		3.1	74.4	82.3	132	Y315M1-4			
	378	68.9		4.9	77.9	91	160	Y315M2-4			
100NFZTC-B-45	125.28	32.6	980	1.1	57.4	19.4	30	Y225M-6	1700×862×1117	152	100
	208.44	31.3		1.7	74.4	23.9	37	Y250M-6			
	250.2	30.2		2.1	77.9	26.4	45	Y280S-6			
100NFZTC-B-50	209.28	91.8	1480	2.6	57.4	91.4	160	Y315M2-4	1700×862×1117	152	100
	349.92	88.2		3.8	74.4	113	185	Y315L1-4			
	420.12	85.1		6.0	77.9	124.9	200	Y315L2-4			
100NFZTC-B-50	138.96	40.3	980	1.2	57.4	26.6	45	Y280S-6	1700×862×1117	152	100
	231.84	38.7		1.7	74.4	32.8					
	278.28	37.3		2.7	77.9	36.3	55	Y280M-6			
150NFZTC-B-63	304.56	65.2	980	1.1	53.3	101.5	160	Y355M1-6	2040×1300×1470	203	150
	507.6	63.4		1.5	70	125.2	200	Y355M3-6			
	609.12	61.8		2.8	77.7	131.9	220	Y355L1-6			
150NFZTC-B-63	233.28	37.2	740	0.6	53.3	44.3	75	Y355M1-8	2040×1300×1470	203	150
	388.8	36.1		0.9	70	54.6					
	466.56	35.2		1.6	77.7	57.6	90	Y315M2-8			
150NFZTC-B-68	328.32	77.1	980	2.3	53.3	129.3	220	Y355L1-6	2040×1300×1470	203	150
	547.2	75		3.0	70	159.7	250	Y355L2-6			
	656.64	73		3.3	77.7	168	280	Y400-6/KV			
150NFZTC-B-68	252.72	44	740	1.3	53.3	56.8	90	Y15M2-8	2040×1300×1470	203	150
	421.2	42.8		1.7	70	70.1	110	Y315M3-8			
	504	41.6		1.9	77.7	74.2	132	Y315M1-8			
150NFZTC-B-74	360	90	980	2.7	53.3	165.5	280	Y400-6/KV	2040×1300×1470	203	150
	601.2	87.5		3.5	70	204.7	315	Y400-6/KV			
	720	85.2		3.8	77.7	215	355	Y400-6/KV			
150NFZTC-B-74	272.16	51.3	740	1.5	53.3	71.3	132	Y355M1-8	2040×1300×1470	203	150
	453.6	49.9		2.0	70	88.1					
	544.32	48.6		2.2	77.7	92.7	160	Y355M2-8			

NFZTC-B(P)型渣浆泵型谱
Selection & Performance Chart



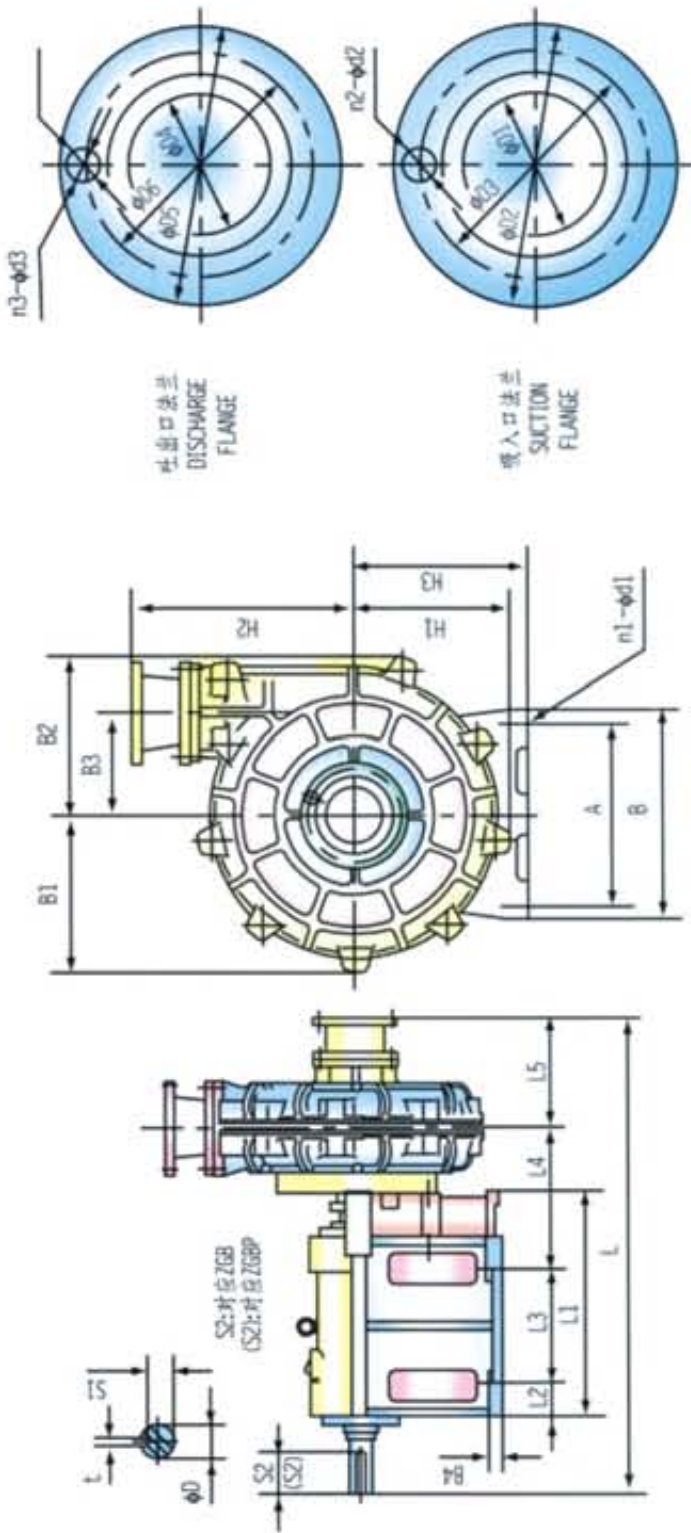


STRUCTURE DIAGRAM OF SLURRY PUMP NFZTC-B渣浆泵结构图



序号 No.	名称 Name	序号 No.	名称 Name
1	后盖板 Rear cover	5	叶轮 impeller
2	后泵壳 Rear pump housing	6	护套 sheath
3	填料箱 Stuffing Box	7	前泵壳 Front pump housing
4	后护板 Rear guard board	8	前护板 front fender

NFZTC-B型渣浆泵外形安装尺寸图 Outline Drawing



型号 Pump model	A	B	B1	B2	B3	B4	D	D1	D2	D3	D4	D5	D6	H1	H2	H3	L	L1	L2	L3	L4	L5	n1-φd1	n2-φd2	n3-φd3	S1	S2	S2 (S2)	t
65NFZTC-B	432	492	352	377	220	45	65	80	210	168.5	65	190	149	360.5	475	415	1380	580	45	340	400.5	330	4-φ22	8-φ22	8-φ22	58	150	-	18
80NFZTC-B	560	636	360	445	279	50	80	100	255	200	80	210	168.5	383	560	520	1598	725	72	440	451	296	4-φ29	8-φ22	8-φ22	71	203	180	22
100NFZTC-B	560	636	395	467	290	50	80	152	320	270	100	275	216	394	597	520	1718	725	72	440	467	402	4-φ29	12-φ22	8-φ22	71	203	180	22
150NFZTC-B	760	840	619	684	453	60	120	200	380	330	150	320	270	555	820	650	2006	1013	118	560	615	388	4-φ35	12-φ26	12-φ26	109	200	180	32
200NFZTC-B	760	840	675	735	460	60	120	250	425	370	200	380	330	595	880	650	2213	1013	118	560	628	579	4-φ35	12-φ26	12-φ26	109	200	180	32
250NFZTC-B	780	950	645	710	460	60	120	300	515	450	250	445	387.5	680.3	974	650	2160	978	128	550	628	50	4-φ40	16-φ30	16-φ30	109	200	180	32
300NFZTC-B	780	950	649	766	475	60	120	350	585	514.5	300	520	451	676	883	650	2282	978	128	550	668	610	4-φ40	20-φ33	20-φ33	109	200	-	32

注：所有长度尺寸单位均为mm。 Remark: All length dimensions are mm.

NFZTC SERIES COMPOSITE CERAMIC SLURRY PUMP

NFZTC系列复合陶瓷渣浆泵



NFZTC-H型泵为悬臂、卧式离心渣浆泵。适用于冶金、矿山、煤炭、电力、建材等工业部门输送腐蚀性或腐蚀性渣浆。

NFZTC-H也称为重型渣浆泵，适于输送强磨蚀高浓度渣浆或低浓度高扬程渣浆。在压力允许的范围内，该类型泵也可以多级串联使用。

NFZTC-H型泵的轴封可采用填料密封，付叶轮密封和机械密封。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。

Type NFZTC-H pumps are cantilevered, horizontal, centrifugal slurry pumps. They are designed for handling abrasive or corrosive slurry in the metallurgical, mining, coal, power, building material and other industrial departments etc.

NFZTC-H are also called heavy duty slurry pumps, are used to transport the strong abrasive high density or low density high head slurry. Under the allowable pressure, the pumps of this type also can be installed in multistage series.

The shaft seals for type NFZTC-H and M pumps can be adoptable of gland seal, expeller seal and mechanical seal. The discharge can be positioned at intervals of 45 degrees by request and oriented to any eight positions to suit installations and applications.

型号意义 Type notation

NFZTC-H -150-100-400

叶轮直径 (mm) Impeller diameter (mm)

泵吐出口直径 (mm) Pump outlet diameter (mm)

泵吸入口直径 (mm) Pump suction diameter (mm)

复合陶瓷渣浆泵

Composite Ceramic Slurry Pump

托架说明 Support Type Description

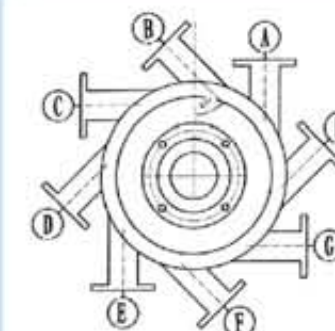
托架形式 Support Type	A	B	C	D	E	R	F	G	S	T
允许配套功率 Allowable Max power(kw)	7.5	15	30	60	120	300	260	600	560	1200
托架重量 Support Weight(kg)	17	24	45	77.5	154	228	555	1006	546	1156
轴封水量 Shaft seal water Volume(l/s)	0.15	0.25	0.35	0.55	0.70	0.70	0.70	1.20	1.20	1.60

从进口看可有A、B、C、D、E、F、G、K八个安装角度。

From suction view, there can be eight installation angle.

B托架只有A、C、E、G四个安装角度，B出口方向不适于CV传动。

B support type only has four installation angle, but CV transmission is not applicable.



NFZTC-H型渣浆泵在各种不同行业的应用:

The application of slurry pumps in various industries:

氧化铝	Alumina	铜矿	Copper	石油	Oil Shale
石棉	Asbestos	电业	Electric Utilities	磷酸盐	Phosphate
铝土矿	Bauxite	金矿	Gold	碳酸钾	Potash
建材	Building Products	铁矿	Iron Ore	纸浆	Paper & Pulp
水泥	Cement	铅锌矿	Lead & Zinc	砂砾	Sand & Gravel
煤炭	Coal	矿砂	Mineral Sands	银矿	Silver
化学肥料	Chemical Fertilizer	钼	Molybdenum	钢铁	Steel
钨锰矿	Wolfram	糖	Sugar	钛矿	Titanium
水处理	Water & Sewage Treatment	锡	Tin	烟草	Tobacco



STRUCTURE DIAGRAM OF SLURRY PUMP
NFZTC-H渣浆泵结构图



序号 No.	名称 Name	序号 No.	名称 Name
1	托架 bracket	5	后护板 Rear guard board
2	后盖板 Rear cover	6	叶轮 impeller
3	后泵壳 Rear pump housing	7	护套 sheath
4	填料箱 Stuffing Box	8	前泵壳 Front pump housing

渣浆泵性能参数表
Performance Parameter Table of Slurry Pump

型 号 Type	允许配带 最大功率 Allowable Max.Power (kw)	清水性能 Clear Water Performance					
		流量		扬程	转速	最高效率	汽蚀余量
		Capacity Q		Head H	Speed n	Max.Eff.	NPSH r
		m ³ /h	l/s	(m)	(r/min)	(%)	(m)
NFZTC40-25-160B	15	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4
NFZTC50-40-180	15	32.4-72	9-20	6-58	1200-3200	45	3.5-8
NFZTC80-50-230	30	39.6-86.4	11-24	12-64	1300-2700	55	4-6
NFZTC100-80-270C	30	86.4-198	24-55	9-52	1000-2200	71	4-6
NFZTC100-80-270D	60	86.4-198	24-55	9-52	1000-2200	71	4-6
NFZTC150-100-400D	60	162-360	45-100	12-56	800-1550	65	5-8
NFZTC150-100-400E	12	162-360	45-100	12-56	800-1550	65	5-8
NFZTC200-150-560E	12	360-828	100-230	10-61	500-1140	72	2-9
NFZTC200-150-560R	300	360-828	100-230	10-61	500-1140	72	2-9
NFZTC250-200-740	560	612-1368	170-380	11-61	400-850	71	4-10
NFZTC300-250-810	560	936-1980	260-550	7-68	300-800	82	6
NFZTC350-300-1000	560	1260-2772	350-770	13-63	300-600	77	3-10
NFZTC400-350-1100	1200	1368-3060	380-850	11-63	250-550	79	4-10
NFZTC500-450-1200	1200	2520-5400	700-1500	13-57	200-400	85	5-10
NFZTC40-25-160B	15	10.8-25.2	3-7	7-52	1400-3400	35	2-4
NFZTC50-40-180B	15	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5
NFZTC80-50-230C	30	36-75.6	10-21	13-39	1300-2100	55	2-4
NFZTC100-80-270C	30	79.2-180	22-50	5-34.5	800-1800	59	3-5
NFZTC100-80-270D	60	79.2-180	22-50	5-34.5	800-1800	59	3-5
NFZTC150-100-400D	60	144-324	40-90	12-45	800-1350	65	3-5
NFZTC150-100-400E	120	144-324	40-90	12-45	800-1350	65	3-5
NFZTC200-150-560E	120	324-720	90-200	7-49	400-1000	65	5-10
NFZTC200-150-560R	300	324-720	90-200	7-49	400-1000	65	5-10
NFZTC250-200-740S	560	540-1188	150-330	12-50	400-750	75	4-12
NFZTC300-250-810S	560	720-1620	200-450	7-45	300-650	80	2.25-7.5
NFZTC350-300-1000S	560	1152-2520	320-700	13-44	300-500	79	3-8
NFZTC400-350-1100S	1200	1224-2754	340-765	9-43	250-450	82	3-8
NFZTC500-450-1200S	1200	2268-4860	630-1350	11-46	200-350	82	2-8
NFZTC250-200-740E	120	540-1440	150-400	14-60	600-1000	73	4-10
NFZTC250-200-740R	300	540-1440	150-400	14-60	600-1000	73	4-10
NFZTC40-25-160C	30	16.2-34.2	4.5-9.5	25-92	1400-2200	20	2-5.5
NFZTC80-50-230D	60	68.4-136.8	19-38	25-87	850-1400	47	3-7.5
NFZTC100-80-270E	12	126-252	35-70	12-97	600-1400	50	2-5
NFZTC150-100-400F	260	324-720	90-200	30-118	600-1400	64	3-8
NFZTC200-150-560S	560	468-1008	130-280	20-94	500-1000	65	4-12

注：
1.推荐流量范围为50% Q'≤Q≤110% Q'（Q相当于最高效率点流量）；
2.NPSH是指最高转速时，推荐Q点所对应的NPSH值。
Remark:
1.Capacity range recommended:50% Q'≤Q≤110% Q'(Q' Appropriate to capacity at highest efficiency point).
2.NPSH:appropriate to point Q recommended at highest speed.

SELECTION OF CERAMIC MATERIALS

陶瓷材料选择

NFZTC烧结碳化硅陶瓷系列

反应烧结碳化硅陶瓷又称自结合碳化硅陶瓷。其塑性坯料一般由碳化硅粉($\sim 5\mu\text{m}$)、碳或石墨以及塑性剂混合而成,坯料经压制、挤压、注浆或其他成型方法制成塑坯。塑性剂燃烧或热解为多孔的炭,液态或气态的硅与无定型碳或石墨反应生成SiC。反应生成的SiC多晶与SiC粉连成一体,过量的硅[$\sim 10\%(\text{vol})$]填充了微孔得到无气孔的制品。用此材料做成的过流件,在效率和使用寿命上都明显提高。

NFZTC sintered silicon carbide ceramic series

The reaction sintered silicon carbide ceramic is also called self-binding silicon carbide ceramics. The plastic blank is generally mixed by silicon carbide powder ($\sim 5\mu\text{m}$), carbon or graphite, and plastic agents, and the blank is pressed, extruded, grout, or other molding method into a plastic. The plastic agent combustion or pyrolysis into a porous carbon, liquid or gaseous silicon is reacted with an amorphous carbon or graphite reaction to form a SiC. The SiC polycrystalline formed by the reaction was integrated with SiC powder, and excessive silicon [$\sim 10\%(\text{Vol})$] filled the micropores to obtain an airless-free article. The excessive flow made by this material is significantly improved in efficiency and service life.

NFZTC-S氮化硅结合碳化硅陶瓷系列。

氮化硅(Si_3N_4)结合碳化硅(SiC)陶瓷材料,主要以氮化硅(占23%)、碳化硅为主要原料,配以有机物料,经混料、挤压或浇注成型,烘干、氮化而成。在烧结陶瓷的优点之上进一步提升了材料对于大颗粒冲击性的耐受力,同时耐磨性也有提升,提高了过流件的使用寿命。

NFZTC-S silicon nitride binding silicon carbide ceramic series

Silicon nitride (Si_3N_4) binds to silicon carbide (SiC) ceramic material, mainly based on silicon nitride (accounting for 23%), silicon carbide as the main raw material, with organic materials, mixed, extrusion or casting, drying, Nitridation. Further improvement above the advantages of sintering ceramics, for large particle impact resistance, while wear resistance is also improved, increasing the service life of the excess flow.

SELECTION OF CERAMIC MATERIALS

陶瓷材料选择

NFTC复合陶瓷脱硫泵系列

我公司的陶瓷铸造技术采用国际先进的碳化硅真空配料、真空浇铸技术,碳化硅陶瓷层内部组织致密,无疏松和气孔缺陷,与金属骨架结合紧密,不易剥落,表面光洁细密,堪称完美。针对国内外原先陶瓷泵实际运行中存在的陶瓷脆性大易破碎的弱点,我司采用了具有自主知识产权的全金属骨架的结构,有效地解决了陶瓷破碎特别是叶轮存在的整体破碎的风险问题,从根本上解除了客户的后顾之忧。

NFTC composite ceramic desulfurization pump series

Our company's ceramic casting technology uses international advanced silicon carbide vacuum ingredients, vacuum casting technology, internal tissue inside the silicon carbide ceramic layer, has no shortage of plenty of poral defects, combined with metal skeleton, is not easy to peel off, and the surface is smooth and fine, it is perfect. At the actual operation of the original ceramic pump, the original ceramic pump is actually running, and our company adopts the structure of the full metal skeleton with independent intellectual property, effectively solves the overall crushing risk of ceramic crushing, especially impeller. Since fundamentally released the worries of customers.

NFZTC-R柔性碳化硅陶瓷系列

该系列产品选用进口SiC粉末并结合我司自主知识产权的无机材料铸造而成。SiC和无机材料拥有优势互补的特性,选用这两种材料并通过国际领先的真空配料、真空浇铸技术进行结合成型,与陶瓷材料相比,物理性能提升显著。目前此新型材料的发明研制,使得碳化硅陶瓷产品抗冲击性能显著增强,达到行业领先水平。

NFZTC-R flexible silicon carbide ceramic series

This series of products use imported SiC powder and combined with the inorganic material of our own independent intellectual property rights. The SiC and inorganic materials have the advantages complementary characteristics, and these two materials are selected and combined with the international leading vacuum ingredients, vacuum casting techniques, and physical properties have been significantly improved compared to ceramic materials. At present, the invention of this new material is developed, which significantly enhances the impact resistance of silicon carbide ceramic products, which has reached the industry's leading level.