

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Эл. почта: info@tisys.ru info@tisys.kz info@tisys.by



**COMPANY
PROFILE**



SHANGLISHI

SHANGLISHI PUMP GROUP

Tel: +86-311-82725629

Email: admin@sls-pump.com

www.sls-pump.com

Xingtang Economic development Zone, Shijiazhuang, China

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ABOUT US



01: COMPANY INTRODUCTION

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Shanglishi Pump Group first established in 1990. It is a large pump manufacturer in the world. It is the vice director unit of China Pump Industry Association and the vice president unit of Hebei Pump Industry Association. There are 4 production bases under Shanglishi Pump Group: slurry pump production base, Clear water pump production base, Submersible sewage pump production base, and Chemical pump production base. More than 40 offices around the world, our pumps are sold to more than 100 countries and regions such as the United States, Australia, Brazil, Russia, Indonesia, Zimbabwe, Uganda, and the Middle East.

➤ **Company's ability:**

More than 1200 professional staff

300,000 square meters of production base, 200,000 square meters of workshop area,

The foundry has 8 intermediate frequency electric furnaces with a total tonnage of 35 tons and an annual output of 18,000 tons of castings

The machining workshop is equipped with: fully automated, digital and intelligent machining center system, CNC lathes

Equipped with advanced 3D scanning detection, 3D white mould engraving, 3D printing and other technologies, to provide customers with high-precision, high-efficiency and high-quality OEM product customization services.

➤ **Quality control:**

Shanglishi has the most advanced TPA-3A national level pump testing system. The flow range is 0-50000m³/h, the lift range is 0-40-160-1000m, the power low voltage can be tested to 355kW, and the 10kV high voltage can be tested to 2000kW. And Shanglishi had obtained the pump product test system verification certificate issued by the Machinery Industry Drainage and Irrigation Machinery Product Quality Inspection Center (Shijiazhuang) and the National Pump and System Engineering Technology Research Center.

Shanglishi have the most advanced digital inspection platform, professional processing and inspection team. The workshop is equipped with desktop spectrum detectors, handheld spectrum detectors, hardness detectors, 3D scanning detection, flaw detection and other high-precision testing equipment to ensure that every product that leaves the factory is a high-quality and qualified product.

➤ **Technical skills**

Shanglishi Pump Group is the main member of Shijiazhuang Slurry Pump Industry Research Institute, participating in the re-formulation of China's anti-corrosion and wear-resistant slurry pump industry standards.

5 invention patents and 25 utility model technology patents

Committed to the research and development of abrasion mechanism, corrosion-resistant and wear-resistant materials and new products, with advanced development and design methods such as CFD fluid mechanics analysis, CAE finite element theoretical calculation, CAE computer simulation casting and CIMATRON three-dimensional CAD design.

01 GROUP STRUCTURE

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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4 PRODUCTION BASEMENT

SHIJIAZHUANG SHANGLISHI PUMP CO., LTD

SHANGLISHI PUMP GROUP(SHIJIAZHUANG) PUMP
TECHNOLOGY CO.,LTD

TANGSHAN SHANGLISHI PUMP CO., LTD

JIANGSU SHANGLISHI PUMP CO.,LTD

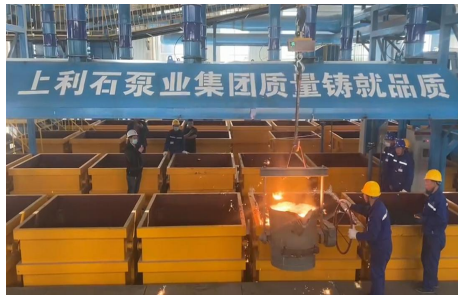
01

PRODUCTION WORKSHOP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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1 3D MOULD CARVING



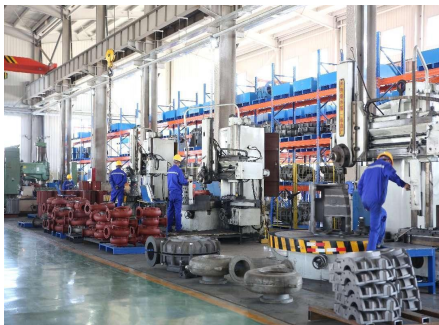
2 CASTING LINE



3 PRODUCT CASTING



4 INSPECTION



5 MACHINING CENTER 1



6 MACHINING CENTER 2



7 NATIONAL INDUSTRIAL AND IRRIGATION PRODUCT QUALITY TESTING CENTER



01

PRODUCTION WORKSHOP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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8 SURVING AND MAPPING



9 ASSEMBLING CENTER



10 DELIVERING CENTER



11 DELIVERING CENTER



12 OUR TEAM



13 PUMP ASSOCIATION AND GOVERNMENT INTERVIEW



14 EXHIBITIONS



01

REPRESENTATIVE CLIENTS

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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中国五矿集团公司
CHINA MINMETALS CORPORATION



山东能源集团有限公司
SHANDONG ENERGY GROUP CO., LTD.



冀中能源
JZEG



中国黄金[®]
China Gold



CNMC
中国有色集团

ENFI

China Enfi Engineering Corp.
中国恩菲工程



紫金矿业
ZIJIN MINING



CHALCO
中国铝业



SINOSTEEL
中钢集团



SD-GOLD
山东黄金集团

01

REPRESENTATIVE CLIENTS

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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01 SUCCESS CASES

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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01

HONORS

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ISO9001



QUALITY MANAGEMENT SYSTEM
CERTIFICATE OF REGISTRATION

Registration No.: 07221Q30530ROM
 Unified Social Credit Code: 91130125MA0A3B1688

This is to certify that the Quality Management System of
Shanglishi Group (Shijiazhuang) Pump Technology Co., Ltd.
 South of Xinhe Street,Xingtang County Economic Development Zone (South Area),
 Shijiazhuang City,Hebei Province 050600
 has been audited to conform to
 GB/T19001-2016/ISO9001:2015
 and the scopes covered by the system are
Centrifugal pump manufacturing and Sales.

Issuance Date: 12-23-2021 Expiry Date: 12-22-2024

This certificate will not remain valid only if the certified organization accepts three surveillance audits within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position. Please login into www.cnca.gov.cn or www.yingbo.cn for this certificate's validity status. This certification company address: Room 804, Xijing Apartment, No.25, Hongqi Street, Shijiazhuang City, Hebei Province. Tel:0311-68050066

Hebei Yingbo Certification Co.,Ltd. Issued by: 杨雪峰





中国认可
 国际互认
 管理体系
 MANAGEMENT SYSTEM
 CNAS C072-M



ISO14001



ENVIRONMENTAL MANAGEMENT SYSTEM
CERTIFICATE OF REGISTRATION

Registration No.: 07221E30411ROM
 Unified Social Credit Code: 91130125MA0A3B1688

This is to certify that the Environmental Management System of
Shanglishi Group (Shijiazhuang) Pump Technology Co., Ltd.
 South of Xinhe Street,Xingtang County Economic Development Zone (South Area),
 Shijiazhuang City,Hebei Province 050600
 has been audited to conform to
 GB/T24001-2016/ISO14001:2015
 and the scopes covered by the system are
Centrifugal pump manufacturing and Sales.

Issuance Date: 12-23-2021 Expiry Date: 12-22-2024

This certificate will not remain valid only if the certified organization accepts three surveillance audits within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position. Please login into www.cnca.gov.cn or www.yingbo.cn for this certificate's validity status. This certification company address: Room 804, Xijing Apartment, No.25, Hongqi Street, Shijiazhuang City, Hebei Province. Tel:0311-68050066

Hebei Yingbo Certification Co.,Ltd. Issued by: 杨雪峰





中国认可
 国际互认
 管理体系
 MANAGEMENT SYSTEM
 CNAS C072-M



ISO45001



OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM
CERTIFICATE OF REGISTRATION

Registration No.: 07221S30389ROM
 Unified Social Credit Code: 91130125MA0A3B1688

This is to certify that the established
 Occupational Health and Safety Management System of
Shanglishi Group (Shijiazhuang) Pump Technology Co., Ltd.
 South of Xinhe Street,Xingtang County Economic Development Zone (South Area),
 Shijiazhuang City,Hebei Province 050600
 has been audited to conform to
 GB/T 45001-2020/ISO 45001:2018
 and the scopes covered by the system are
Centrifugal pump manufacturing and Sales.

Issuance Date: 12-23-2021 Expiry Date: 12-22-2024

Organization that obtained the certificate shall accept the supervision and examination according to the regulations during the validity period of the certificate and stick the qualifying identification to the certificate's specified location. If there are any differences between the contents of the Chinese and English certificates, the Chinese version original shall prevail. Please login into www.cnca.gov.cn for this certificate's validity status. This certification company address: Room 1301, Xijing Apartment, No.25, Hongqi Street, Shijiazhuang City, Hebei Province. Tel: 0311-68050066

Hebei Yingbo Certification Co.,Ltd. Issued by: 杨雪峰




中国认可
 管理体系
 MANAGEMENT SYSTEM
 CNAS C072-M



01 HONORS

ООО «ТИ-СИСТЕМЫ» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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**检验检测机构
资质认定证书**

编号: 22008222350

名称: 机械工业排灌机械产品质量检测中心(石家庄)

地址: 河北省石家庄市新华区合作路81号(050051)

经审查,你机构已具备国家有关法律、行政法规规定的基本条件和能力,现予批准。向社会出具具有证明作用的数据和结果,特发此证。资质认定包括检验检测机构计量认证。检验检测能力及授权签字人见证书附表。你机构对外出具检验检测报告或证书的法律责任由河北省机械科学研究设计院有限公司承担。

许可使用标志



220008222350

发证日期: 2022年01月17日
有效期至: 2028年01月16日
发证机构



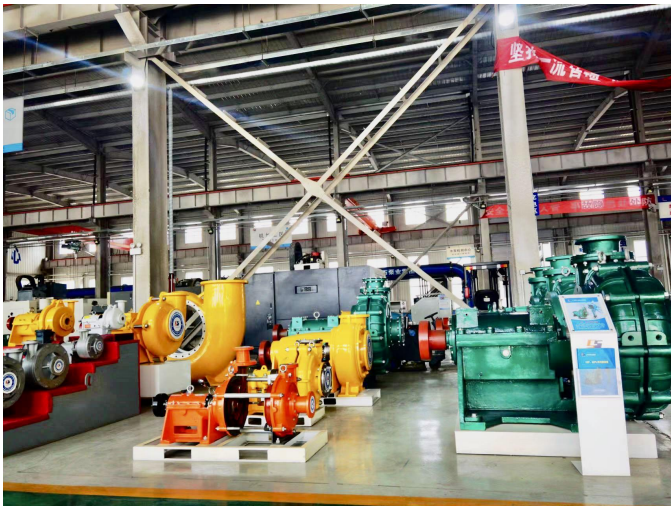
本证书由国家认证认可监督管理委员会监制,在中华人民共和国境内有效。



Grid of 15 Utility Model Patent Certificates (实用新型专利证书) issued by the State Intellectual Property Administration (SIPO). Each certificate includes the patent title, inventor, applicant, and the SIPO seal.

02

MAIN PRODUCTS



01: SLURRY PUMP

02: SUMP PUMP

03: SUBMERSIBLE SLURRY PUMP

04: DESULFURIZATION PUMP

05: SUBMERSIBLE SEWAGE PUMP

06: DOUBLE SUCTION PUMP

07: OTHER PUMP TYPE

02 SLURRY PUMP

SLS SH SERIES SLURRY PUMP



- SH SLURRY PUMPS PARTS

SIZE: 1½/1 • 2/1½ • 3/2 • 4/3 • 6/4 • 8/6 • 10/8 • 12/10 • 14/12 • 16/14 • 18/16 • 20/18

Metal Parts, Rubber Parts and Urethane Parts are available.

- SHH SLURRY PUMPS PARTS

SIZE: 1½/1 • 2/1½ • 3/2 • 4/3 • 6/4 • 8/6

- SL&SM SLURRY PUMPS PARTS

SIZE: 50 • 75 • 100 • 150 • 10/8 • 12/10 • 300 • 350 • 400 • 450 • 500 • 550

Metal Parts, Rubber Parts and Urethane Parts are available.

- SG&SGH GRAVEL PUMPS PARTS

SIZE: 6/4 • 8/6 • 10/8 • 12/10 • 14/12 • 16/14 • 18/16 • 20/18

Metal Parts are available.

- OTHER OEM PUMPS PARTS



02

SLURRY PUMP MATERIAL

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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No.	China Code	Parts Names	Warman Code	U.S.A Code	Performance&Application
Metal	HT200 Grey Iron	Casing,Frame, Bearing Housing, Stuffing Box	G01	AWSNO.30	_____
	QT500-7 Ductile Iron	Casing,Frame, Bearing Housing	D21	AWS 80-55-06	_____
	KmTBCr26 High Chrome Alloy	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	A05	ASTM 27%Cr Class III Type A	Abrasion-resistant performance lower than A07 Fair corrosion-resistance. High impact load abrasion condition.PH range from 5-12.
	_____	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	A07	_____	Best abrasion-resistant performance;Corrosion resistance performance is inferior than A05. High impact load abrasion condition.
	_____	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	A33	_____	Abrasion-resistant performance is 20% less than A05.Fair corrosion resistance performance. Oxide slurry with PH rate no less than 1,like phosphogypsum in phosphate fertilizer plant,nitric acid,sulphoacid and phosphoric acid etc.
	_____	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	A49	ASTMA532 Class III Type A	Fair abrasion-resistant performance is 20% less than A05.Fair corrosion resistance performance in media with low PH rate.Especially for fuel gas,FGD devices for media of Ph≥4. General suitable for lower acid condition.
	45 Carbon Steel	Shaft,Casing Bolt	45	ASTM 1045	Corrosion conditions with low PH rate,especially for fuel gas,FGD devices for media of Ph≥4. General suitable for lower acid condition.
	3Cr13	Shaft Sleeve, Spacer	3Cr13	ASTM 420	_____

No.	China Code	Parts Names	Warman Code	U.S.A Code	Performance&Application
Rubber	Natural Rubber	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	R26	_____	R26 Soft Natrual Rubber used for liners where slurry contains fine particles and more erosive.
	Natural Rubber	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	R55	_____	R55 is widely used for impellers,Liners,Bushes. Max particle size can be 20mm,impeller peripheral speed less than 25m/s temperature less than 75 °c.
	EPDM Rubber	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	S01	_____	S01 is widely used for impellers, liners, bushes, Max particle size can be 8 mm, impeller peripheral speed less than 25m/s temperature less than 120 °c.
	NBR	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	S12	_____	S12 is widely used for impellers, liners, bushes, Max particle size can be 7 mm, impeller peripheral speed less than 27m/s temperature less than 95 °c.
	Butyl Rubber	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	S21	_____	S21 is widely used for impellers, liners, bushes, Max particle size can be 7 mm, impeller peripheral speed less than 30m/s temperature less than 100 °c.
	Hypalon	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	S31	_____	S31 can be used for impellers,Liners,Bushes,It's recommended used for strong add slurry with mild and moderate corrosion.Max particle size can be 10 mm,impeller peripheral speed less than 30m/s temperature less than 110 °c.
	Neoprene	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	S42	_____	Neoprene is high strength synthetic elastomer with dynamic properties slightly inferior to natural rubber.It is less effected by temperature than natural rubber,has excellent weathering and ozone and exh bits oil resistance.
Urethane	Polyurethane	Impeller,Volute Liner, Trhoat Busing,Expeller, F.P.L Insert	U01	_____	U01 is an erosion resistant material performs well where 'tramp' is a problem. This is attributed to the high tear and tensile strength of U01. However, its general erosion resistance is inferior to that of natural rubber (R26, R08).



Description

The SSP/SSPR heavy duty sump pumps are available in a wide range of popular sizes to suit most pumping applications. These pumps are proving their reliability and efficiency worldwide in:

- minerals processing;
- coal preparation;
- chemical processing;
- effluent handling;
- sand and gravel;
- and almost every other tank, pit or hole-in-the-ground slurry handling situation.

The SSP/SSPR pump design with either hard metal (SSP) or elastomer covered (SSPR) components makes it ideal for:

- abrasive and/or corrosive slurries
- large particle sizes
- high density slurries
- continuous or “snore” operation
- heavy duties demanding cantilever shafts
- SSP SLURRY PUMPS PARTS

SIZE: 40 • 65 • 100 • 150 • 200 • 250 • 300

Metal Parts and Rubber Parts are available.

02 SUBMERSIBLE SLURRY PUMP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Description

The SZ(B)Q series submersible SLURRY pump are specially designed to pick up and transport abrasive materials with the least of water. The design incorporates the patented agitator, attached directly to the pump shaft, which together with the closed impeller, large open passages for the easy passage of solids, heavy duty shaft/bearing configuration, results in the most rugged submersible slurry pump.

Applications

- Dredging
- Ocean sand mining
- Tailing ponds
- Sand and gravel excavation
- Tank clean up
- Cements plants
- Coke pits
- Mill scale/slag pits
- Silt removal
- Island building



Parameter Performance Data Sheet

Size	Discharge (mm)	Capacity (m3/h)	Head (m)	Speed (r/min)	Power (kw)	Efficiency (%)
80SZ(B)Q60-13-5.5	80	60	13	2900	5.5	72
100SZ(B)Q50-22-11	100	50	22	1450	11	53
100SZ(B)Q80-20-11	100	80	20	1450	11	71
100SZ(B)Q100-22-18.5	100	100	22	1450	18.5	61
150SZ(B)Q110-15-11	150	110	15	1450	11	75
150SZ(B)Q200-10-18.5	150	200	10	1450	18.5	64
150SZ(B)Q250-22-37	150	250	22	1450	37	73
200SZ(B)Q250-11-18.5	200	250	11	1450	18.5	73
200SZ(B)Q360-15-37	200	360	15	1450	37	77
200SZ(B)Q400-10-30	200	400	10	1450	30	75
250SZ(B)Q600-12-45	250	600	12	1450	45	76
250SZ(B)Q600-30-110	250	600	30	1450	110	78
250SZ(B)Q700-22-90	250	700	22	1450	90	81
300SZ(B)Q400-20-55	300	400	20	1450	55	74
300SZ(B)Q800-20-90	300	800	20	1450	90	75
350SZ(B)Q1500-15-110	350	1500	15	1450	110	82
400SZ(B)Q2200-15-160	400	2200	15	980	160	85
500SZ(B)Q2500-20-220	500	2500	20	980	220	85

02 DESULFURIZATION PUMP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Description

- STL series desulfurization slurry circulating pump is specially designed for the flue gas desulfurization industry (limestone/gypsum/carbide slag wet desulfurization, dual-alkali desulfurization, circulating fluidized bed desulfurization, seawater desulfurization and ammonia desulfurization, wet magnesium desulfurization and other processes)
- It is a new generation of high-efficiency and energy-saving desulfurization pump that is carefully developed by using the characteristics of the pump and absorbing the advanced technology of similar products at home and abroad.
- The maximum flow of the pump can reach 16000m³/h, and the lift of the pump is generally less than 50m, which covers all the working conditions of the pump used in the desulfurization system of the process
- Suitable for all the technological processes of the large-scale slurry circulating pump of the absorption tower of the desulfurization system
- Used conveying Chloride ion content of less than 60000ppm
- Material: A49/Cr30/Duplex Stainless Steel

02 SUBMERSIBLE SEWAGE PUMP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Description

Intelligent, automatic control device

1. Overheat protection element. When the temperature reaches the set value of overheat protection element, the electric pump will stop automatically
2. Water leakage probe, when the water in the sealed oil chamber reaches a certain concentration, or the motor connection cavity is flooded, it will send a signal through the electric control cabinet to keep the power off and stop the pump
3. Float switch, used to check whether the motor side seal is invalid
4. Bearing temperature protection device to monitor whether the bearing temperature rise is too high



1



Copper motor

Ensure the efficient, safe and stable operation of the motor



2

Precise rotor

Precision forging
Surface is treated by moisture and rust removal
Smooth operation and high concentricity



3



Mechanical seal

Good sealing performance, durable wear resistance, corrosion resistant alloy
Suitable for corrosive, high temperature and other complex conditions

SWQ 型泵安装方式

SWQ Type Pump Installation Method

1. 自动耦合安装 Auto-coupled installation

泵沿导杆放下，自动连接至排出管道系统。安装建筑费极少，维修费用降低

The pump is placed down along with the guide rod and automatically connected to the drainage pipeline system.
Less cost for mounting and lowering the cost for repair.



2. 移动式硬管安装 Movable Hard Pipe Installation

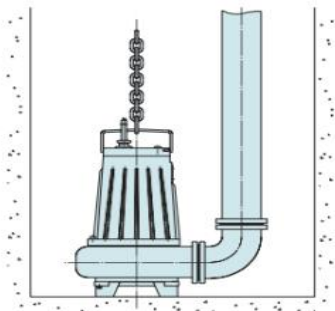
泵由其底座支撑，硬管接头与管路系统连接

The pump is supported by its foundation, the hard pipe joint is connected to the pipeline system.

3. 移动式软管安装 Movable Soft Pipe Installation

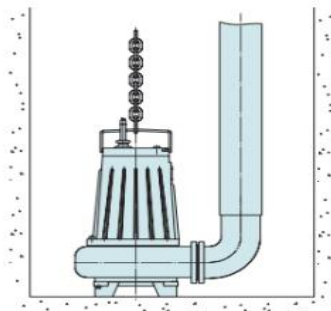
泵由其底座支撑，软管接头与出水胶管相接，多用途，易于安装，水泵可轻易地从一个污水井移到另一个污水井

The pump is supported by its foundation, the soft pipe joint is connected to the outlet rubber pipe, of multiple purposes,
easy to be mounted, the pump can be easily moved from one sewage well to another.



移动式硬管安装

Movable Hard Pipe Installation



移动式软管安装

Movable Soft Pipe Installation

4. 固定干式安装 Fixed Dry Installation

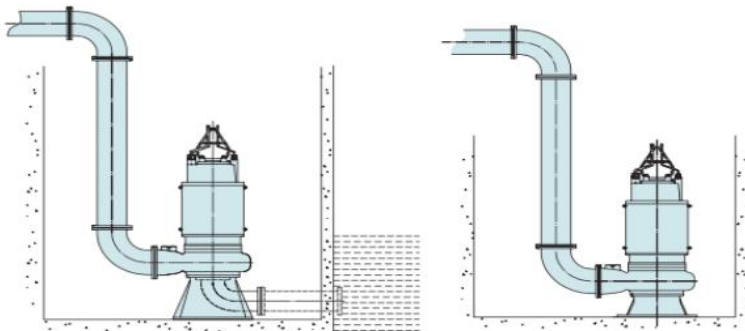
能经受水淹，供湿/干井或管线连接的泵系统。吸水口和排水口以法兰与管道连接，立式安装。选用此种安装，须配冷却系统。

For those pump system able to be subjected to water flood and for connecting to wet/dry well or pipeline. A cooling system is required for this installation type.

5. 固定湿式安装 Fixed Wet Installation

泵由底座支撑，固定于污水井底，排水口与管道连接，立式安装

The pump is supported by its foundation and fixed on the bottom of a sewage well with the outlet connected to the pipeline, vertically mounted.



固定式干式安装
Fixed Dry Installation

固定式湿式安装
Fixed Wet Installation

Parameter Performance Data Sheet

Size	Discharge (mm)	Capacity (m3/h)	Head (m)	Speed (r/min)	Power (kw)	Efficiency (%)
25SWQ8-22-1.1	25	8	22	2825	1.1	38.1
32SWQ12-15-1.1	32	12	15	2825	1.1	40
40SWQ 15-15-1.5	40	15	15	2840	1.5	45.1
40SWQ 15-30-2.2	40	15	30	2840	2.2	18
50SWQ 20-7-0.75	50	20	7	1390	0.75	54
50SWQ 10-10-0.75	50	10	10	1390	0.75	56
50SWQ 20-15-1.5	50	20	15	2840	1.5	55
50SWQ 15-25-2.2	50	15	25	2840	2.2	56
50SWQ 18-30-3	50	18	30	2880	3.0	58
50SWQ 25-32-5.5	50	25	32	2900	5.5	53
50SWQ 20-40-7.5	50	20	40	2900	7.5	55
65SWQ 25-15-2.2	65	25	15	2840	2.2	52
65SWQ 37-13-3	65	37	13	2880	3.0	55
65SWQ 25-30-4	65	25	30	2890	4.0	58
65SWQ 30-40-7.5	65	30	40	2900	7.5	56
65SWQ 35-50-11	65	35	50	2930	11	60
65SWQ 35-60-15	65	35	60	2930	15	63

Parameter Performance Data Sheet

80WQ 40-7-2.2	80	40	7	1420	2.2	52
80WQ 43-13-3	80	43	13	2880	3.0	50
80WQ 40-15-4	80	40	15	2890	4.0	57
80WQ 65-25-7.5	80	65	25	2900	7.5	56
100WQ 80-10-4	100	80	10	1440	4.0	62
100WQ 110-10-5.5	100	110	10	1440	5.5	66
100WQ 100-15-7.5	100	100	15	1440	7.5	67
100WQ 85-20-7.5	100	85	20	1400	7.5	68
100WQ 100-25-11	100	100	25	1460	11	65
100WQ 100-30-15	100	100	30	1470	15	66
125WQ 130-15-11	125	130	15	1460	11	62
125WQ 130-25-15	125	130	20	1440	15	63
150WQ 145-6-7.5	150	145	6	1470	7.5	63
150WQ 180-15-15	150	180	15	1470	15	65
150WQ 180-20-18.5	150	180	20	1470	18.5	75
150WQ 180-25-22	150	180	25	1470	22	76
150WQ 130-30-22	150	130	30	1470	22	75
150WQ 180-30-30	150	180	30	970	30	73
150WQ 200-30-37	150	200	30	970	37	70

Parameter Performance Data Sheet

150WQ 145-6-7.5	150	145	6	1470	7.5	63
150WQ 180-15-15	150	180	15	1470	15	65
150WQ 180-20-18.5	150	180	20	1470	18.5	75
150WQ 180-25-22	150	180	25	1470	22	76
150WQ 130-30-22	150	130	30	1470	22	75
150WQ 180-30-30	150	180	30	970	30	73
150WQ 200-30-37	150	200	30	970	37	70
200WQ 300-7-11	200	300	7	1470	11	73
200WQ 250-11-15	200	250	11	1470	15	74
200WQ 400-10-22	200	400	10	1470	22	76
200WQ 400-13-30	200	400	13	1470	30	73
200WQ 300-15-22	200	300	15	1470	22	73
200WQ 250-22-30	200	250	22	1470	30	71
200WQ 350-25-37	200	350	25	1470	37	75
200WQ 400-30-55	200	400	30	1480	55	70
250WQ 600-12-37	250	600	12	1480	37	78
250WQ 600-15-45	250	600	15	1480	45	75
250WQ 600-20-55	250	600	20	1480	55	73
250WQ 600-25-75	250	600	25	1480	75	73

Parameter Performance Data Sheet

300WQ 800-12-45	300	800	12	1480	45	76
300WQ 500-15-45	300	500	15	980	45	70
300WQ 800-15-55	300	800	15	980	55	73
300WQ 600-20-55	300	600	20	980	55	75
300WQ 800-20-75	300	800	20	980	75	78
300WQ 950-20-90	300	950	20	980	90	80
300WQ 1000-25-110	300	1000	25	980	110	82
300WQ 1100-10-55	300	1100	10	980	55	84.5
350WQ 1500-15-90	350	1500	15	980	90	83.1
350QW1200-18-90	350	1200	18	980	90	83.2
350QW1100-28-132	350	1100	28	740	132	78.5
350QW1000-36-160	350	1000	36	740	160	82.1
400QW1500-10-75	400	1500	10	980	75	82.1
400QW2000-15-132	400	2000	15	740	132	82.5
400QW1500-26-160	400	1500	26	740	160	83.5
400QW1700-30-200	400	1700	30	740	200	83.5
400QW1800-32-250	400	1800	32	740	250	82.1
400QW1760-7.5-55	400	1760	7.5	580	55	82.3
500QW2600-15-160	500	2600	15	740	160	83
500QW3000-15-220	500	3000	15	740	220	83
500QW2400-22-220	500	2400	22	740	220	84
500QW2600-24-250	500	2600	24	740	250	82
500QW3000-24-280	500	3000	24	740	280	82

02 DOUBLE SUCTION PUMP

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Description

- DFSS SERIES DOUBLE SUCTION PUMP IS a HORIZONTAL SINGLE STAGE double SUCTION pump, WHICH adopts THE horizontal middle opening structure form, and has been recognized as the national key NEW by the Ministry of Science and Technology
- Products and Shanghai high and new technology achievements transformation certification.
- DFSS series pump has the characteristics of reliable performance, energy saving, easy maintenance, long service life and so on, and has been favored by users since it was put into the market.
- Product design conforms to GB/T5657 standard.
- The pump adopts linear design and stiffeners to make the pump more reasonable structure, beautiful appearance and stable installation.
- The short bearing spacing improves the rigidity of the shaft, ensuring the smooth operation of the unit, small vibration and low noise.
- Fully sealed pump shaft design, so that the pump shaft does not contact with the transmission medium, so as to ensure that the pump shaft is not corroded, easy to disassemble, long service life.
- Part of the bearing body adopts the middle structure, the pump cover and bearing body, the top cover is opened, the whole rotor can be removed, simple adjustment and convenient maintenance.
- There are two kinds of shaft seal structure: mechanical seal and packing seal. According to user's requirements, special sealing methods can be adopted, such as special seal for sand control and layered shear packing seal.
- The pump body and pump cover are made of resin sand to ensure the accurate shape and flow channel size of the casting, smooth surface and improve hydraulic efficiency.
- The hydraulic model and CFD optimization design are adopted to improve the hydraulic efficiency and cavitation performance of the pump.
- The finite element method is used for strength calculation, which makes the pump run more reliable and durable, and prolongs the service life of the pump.
- Bearing with water cooling structure, can be used in high temperature conditions.

Parameter Performance Data Sheet

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH)r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
150SOM-50	2950	126	35.0	55	26.6	37	71	5.1	155
		160	44.4	50	27.6		79		
		198	55.0	45	32.4		75		
150SOM-50A	2950	110	30.6	42	18.8	30	67	5.1	153
		140	38.9	39	19.8		75		
		173	48.1	34	22.6		71		
150SOM-50B	2950	102	28.3	36	15.6	22	64	5.1	152
		130	36.1	33	16.2		72		
		161	44.7	29	19.0		67		
150SOM-78	2950	100	27.8	85	35.1	55	66	3.7	188
		160	44.4	78	43.0		79		
		200	55.6	70	50.2		76		
150SOM-78A	2950	88	24.4	70	26.2	45	64	3.6	185
		150	41.7	65	34.0		78		
		180	50.0	55	36.4		74		
150SOM-78B	2950	88	24.4	62	24.4	37	61	3.5	182
		140	38.9	57	28.2		77		
		180	50.0	48	32.7		72		
150SOM-N78	2950	88	24.4	87	35.3	55	59	3.5	185
		145	40.3	78	38.5		80		
		180	50.0	74	47.1		77		
150SOM-N78A	2950	81	22.5	75	29.0	45	57	3.4	182
		135	37.5	67	31.2		79		
		162	45.0	64	37.2		76		
150SOM-N78B	2950	74	20.6	63	23.1	37	55	3.3	179
		123	34.2	56	24.0		78		
		148	41.1	53	28.9		74		
150SOM-120	2950	96	26.7	127	51.1	110	65	4.5	208
		160	44.4	120	71.6		73		
		202	56.1	108	82.5		72		

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH)r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
200SOM-N26	2950	143	39.7	30	16.2	30	72	5.3	219
		238	66.1	25	19.1		85		
		290	80.6	19	19.7		76		
200SOM-N26A	2950	136	37.8	27	14.3	22	70	5.1	218
		227	63.1	23	17.1		83		
		277	76.9	17	17.3		74		
200SOM-N26B	2950	128	35.6	24	12.3	18.5	68	5.0	217
		214	59.4	20	14.4		81		
		261	72.5	15	14.8		72		
200SOM-N26C	2950	121	33.6	21	10.5	15	66	4.7	216
		202	56.1	17	11.8		79		
		247	68.6	13	12.5		70		
200SOM-43	2950	168	46.7	53	34.6	55	70	5.4	220
		280	77.8	43	38.6		85		
		342	95.0	36	41.4		81		
200SOM-43A	2950	155	43.1	44	27.3	37	68	5.4	218
		258	71.7	36	30.5		83		
		315	87.5	30	32.6		79		
200SOM-43B	2950	144	40.0	38	22.7	30	66	5.3	216
		239	66.4	31	24.9		81		
		292	81.1	26	26.9		77		
200SOM-43C	2950	136	37.8	34	19.7	30	64	5.1	215
		227	63.1	28	21.9		79		
		277	76.9	23	23.1		75		
200SOM-N43	2950	143	39.7	51	31.5	37	63	5.3	218
		238	66.1	42	32.0		85		
		290	80.6	35	34.6		80		
200SOM-N43A	2950	131	36.4	43	25.1	30	61	5.0	217
		219	60.8	35	25.1		83		
		267	74.2	30	28.0		78		
200SOM-N43B	2950	125	34.7	40	23.1	30	59	4.7	216
		209	58.1	32	22.5		81		
		255	70.8	27	24.7		76		

Parameter Performance Data Sheet

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽 蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
250SOM-24C	1480	239	66.4	20	18.6	30	70	2.9	436
		398	110.6	17	22.7		81		
		477	132.5	13	21.9		77		
250SOM-N24	1480	247	68.6	28	27.7	37	68	3.0	441
		412	114.4	23	30.0		86		
		494	137.2	20	33.2		81		
250SOM-N24A	1480	227	63.1	24	22.5	30	66	2.9	439
		379	105.3	20	24.6		84		
		454	126.1	17	26.6		79		
250SOM-N24B	1480	217	60.3	22	20.3	30	64	2.8	437
		362	100.6	18	21.6		82		
		435	120.8	15	23.1		77		
250SOM-N24C	1480	202	56.1	19	16.9	30	62	2.6	435
		337	93.6	16	18.4		80		
		405	112.5	13	19.1		75		
250SOM-41	1480	291	80.8	46	50.6	75	72	3.4	442
		485	134.7	41	65.2		83		
		612	170.0	34	71.7		79		
250SOM-41A	1480	276	76.7	41	44.0	75	70	3.2	439
		461	128.1	37	57.3		81		
		581	161.4	30	61.6		77		
250SOM-41B	1480	259	71.9	36	37.3	55	68	3.1	436
		432	120.0	32	47.7		79		
		545	151.4	26	50.8		76		
250SOM-41C	1480	242	67.2	31	31.0	45	66	3.0	435
		403	111.9	27	38.5		77		
		490	136.1	23	40.9		75		
250SOM-N41	1480	247	68.6	44	45.5	75	65	3.0	441
		412	114.4	39	52.7		83		
		519	144.2	33	59.8		78		
250SOM-N41A	1480	230	63.9	38	37.8	55	63	2.9	438
		383	106.4	34	43.8		81		
		483	134.2	29	50.2		76		

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽 蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
300SOM-20C	1480	403	111.9	17	27.4	37	68	4.2	502
		672	186.7	14	32.8		78		
		806	223.9	10	30.9		71		
300SOM-N20	1480	402	111.7	23	36.5	45	69	4.2	507
		670	186.1	19	39.8		87		
		804	223.3	13	36.0		79		
300SOM-N20A	1480	382	106.1	20	31.5	37	66	4.1	505
		637	176.9	16	33.0		84		
		764	212.2	12	32.9		76		
300SOM-N20B	1480	358	99.4	18	27.9	37	63	3.9	503
		597	165.8	15	30.1		81		
		716	198.9	11	29.4		73		
300SOM-N20C	1480	342	95.0	17	26.4	37	60	3.7	501
		570	158.3	14	27.9		78		
		684	190.0	10	26.6		70		
300SOM-34	1480	474	131.7	40	72.7	110	71	4.6	536
		790	219.4	34	84.1		87		
		948	263.3	28	87.1		83		
300SOM-34A	1480	450	125.0	36	63.0	90	70	4.5	534
		751	208.6	30	71.3		86		
		901	250.3	25	74.8		82		
300SOM-34B	1480	427	118.6	32	53.9	75	69	4.3	532
		711	197.5	27	61.5		85		
		853	236.9	22	63.1		81		
300SOM-34C	1480	393	109.2	27	42.5	55	68	4.1	530
		656	182.2	23	48.9		84		
		787	218.6	19	50.9		80		
300SOM-N34	1480	402	111.7	38	65.0	90	64	4.2	535
		670	186.1	33	69.2		87		
		804	223.3	27	72.1		82		
300SOM-N34A	1480	386	107.2	35	58.4	75	63	4.0	533
		644	178.9	30	61.2		86		
		772	214.4	25	64.9		81		

Parameter Performance Data Sheet

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽 蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
350SOM-28C	1480	643	178.6	25	65.3	90	67	5.7	702
		1071	297.5	20	71.1				
		1285	356.9	15	70.0				
350SOM-N28	1480	641	178.1	34	89.9	110	66	5.7	707
		1069	296.9	27	89.3				
		1283	356.4	22	96.1				
350SOM-N28A	1480	603	167.5	30	77.0	90	64	5.5	705
		1005	279.2	24	76.4				
		1206	335.0	19	80.0				
350SOM-N28B	1480	558	155.0	26	63.7	75	62	5.3	703
		930	258.3	21	63.3				
		1116	310.0	16	64.0				
350SOM-N28C	1480	545	151.4	24	59.4	75	60	5.1	701
		909	252.5	20	60.4				
		1091	303.1	16	64.2				
350SOM-46	1480	756	210.0	54	148.2	220	75	6.3	1110
		1260	350.0	46	181.4				
		1512	420.0	38	195.6				
350SOM-46A	1480	726	201.7	50	133.6	185	74	6.2	1108
		1210	336.1	42	160.9				
		1452	403.3	34	170.2				
350SOM-46B	1480	665	184.7	42	105.6	160	72	5.8	1106
		1109	308.1	35	125.8				
		1331	369.7	28	131.8				
350SOM-46C	1480	620	172.2	36	86.8	132	70	5.6	1105
		1033	286.9	31	106.4				
		1240	344.4	25	112.6				
350SOM-N46	1480	641	178.1	52	133.5	185	68	5.7	1109
		1069	296.9	44	147.2				
		1283	356.4	38	168.1				

型号 TYPE	转速 Speed n r/min	流量 Q Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽 蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
400SOM-32C	1480	1121	311.4	25	107.5	110	71	8.7	1189
		1868	518.9	16	101.7				
		2335	648.6	8	69.7				
		1039	288.6	39	149.1				
400SOM-N32	1480	1732	481.1	31	170.0	200	74	8.9	1194
		2165	601.4	24	170.5				
		985	273.6	34	124.9				
400SOM-N32A	1480	1642	456.1	27	143.7	160	73	8.8	1192
		2053	570.3	20	141.5				
		943	261.9	29	103.4				
		1572	436.7	23	120.1				
400SOM-N32B	1480	1965	545.8	16	109.8	132	82	8.7	1190
		78							
400SOM-N32C	1480	901	250.3	25	86.4	110	71	8.6	1189
		1502	417.2	18	94.4				
		1878	521.7	12	82.9				
		1215	337.5	71	313.2				
400SOM-59	1480	2025	562.5	59	374.0	450	87	10.3	1652
		2520	700.0	51	416.7				
		1211	336.4	65	282.1				
		2018	560.6	52	324.7				
400SOM-59A	1480	2502	695.0	43	344.7	400	85	10.2	1650
		1148	318.9	57	240.8				
		1914	531.7	45	272.7				
400SOM-59B	1480	2393	664.7	37	290.5	315	83	10.1	1647
		1082	300.6	47	189.7				
		1804	501.1	37	216.4				
400SOM-59C	1480	2255	626.4	27	215.3	250	77	10.0	1642
		1016	282.2	38	146.0				
400SOM-59D	1480	1694	470.6	28	161.5	185	80	9.9	1640
		2118	588.3	20	155.9				
		74							

Parameter Performance Data Sheet

型号 TYPE	转速 Speed n r/min	流量 Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
450SOM-N231D	1480	1329	369.2	163	830.9	2000	71	9.8	2828
		2215	615.3	148	1130.1		79		
		2769	769.2	123	1270.6		73		
500SOM-14	990	1212	336.7	17	70.1	110	80	5.0	1465
		2020	561.1	14	89.6		86		
		2424	673.3	10	78.6		84		
500SOM-14A	990	1151	319.7	15	60.3	90	78	4.8	1464
		1919	533.1	12	74.7		84		
		2303	639.7	9	68.8		82		
500SOM-14B	990	1079	299.7	13	50.3	75	76	4.6	1463
		1798	499.4	10	59.7		82		
		2157	599.2	8	58.7		80		
500SOM-14C	990	1030	286.1	12	45.5	75	74	4.5	1462
		1717	476.9	9	52.6		80		
		2060	572.2	7	50.3		78		
500SOM-N14	990	1028	285.6	16	62.2	90	72	4.5	1464
		1714	476.1	14	76.9		85		
		2057	571.4	10	67.5		83		
500SOM-N14A	990	987	274.2	15	57.6	75	70	4.4	1463
		1645	456.9	12	64.8		83		
		1975	548.6	9	59.8		81		
500SOM-N14B	990	926	257.2	13	48.2	75	68	4.2	1462
		1543	428.6	11	57.1		81		
		1851	514.2	8	51.0		79		
500SOM-N14C	990	874	242.8	12	43.3	55	66	4.0	1461
		1457	404.7	10	50.2		79		
		1748	485.6	7	43.3		77		
500SOM-23	990	1212	336.7	26	117.6	185	73	5.0	1728
		2020	561.1	23	143.8		88		
		2424	673.3	19	142.5		88		
500SOM-23A	990	1164	323.3	24	107.2	160	71	4.8	1726
		1939	538.6	20	122.8		86		
		2327	646.4	17	125.3		86		

型号 TYPE	转速 Speed n r/min	流量 Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH) r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
600SOM-22	990	1902	528.3	27	1969.8	250	71	6.7	2506
		3170	880.6	22	220.8		86		
		3804	1056.7	15	204.5		76		
600SOM-22A	990	1807	501.9	25	175.8	220	70	6.5	2504
		3012	836.7	20	193.0		85		
		3614	1003.9	14	183.7		75		
600SOM-22B	990	1712	475.6	22	148.7	200	69	6.3	2502
		2853	792.5	18	166.5		84		
		3424	951.1	12	151.2		74		
600SOM-22C	990	1617	449.2	20	129.5	185	68	6.0	2500
		2695	748.6	16	141.5		83		
		3233	898.1	11	132.7		73		
600SOM-N22	990	1614	448.3	26	178.6	220	64	6.0	2505
		2690	747.2	22	189.6		85		
		3228	896.7	15	175.8		75		
600SOM-N22A	990	1549	430.3	24	160.7	200	63	5.9	2503
		2582	717.2	20	167.4		84		
		3099	860.8	14	159.7		74		
600SOM-N22B	990	1469	408.1	22	142.0	185	62	5.7	2501
		2448	680	18	144.6		83		
		2937	815.8	12	131.5		73		
600SOM-N22C	990	1372	381.1	19	116.4	160	61	5.4	2499
		2286	635	16	121.5		82		
		2744	762.2	11	114.2		72		
600SOM-32	990	1902	528.3	37	288.8	355	67	6.7	2555
		3170	880.6	32	310.4		89		
		3804	1056.7	25	340.8		76		
600SOM-32A	990	1864	517.8	36	276.9	355	66	6.6	2554
		3107	863.1	31	298.1		88		
		3782	1035.6	24	329.6		75		

Parameter Performance Data Sheet

型号 TYPE	转速 Speed n r/min	流量 Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH) _r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
700SOM-46D	990	2466	685.0	36	318.1	450	76	6.8	3650
		4110	1141.7	31	398.8		87		
		4932	1370.0	24	393.1		82		
700SOM-46J	740	2280	633.3	31	237.6	355	81	5.8	3670
		3800	1055.6	24	270.0		92		
		4560	1266.7	22	325.2		84		
700SOM-46JA	740	2132	592.2	28	203.2	280	80	5.7	3665
		3554	987.2	22	234.0		91		
		4265	1184.7	17	237.9		83		
700SOM-46JB	740	2022	561.7	25	174.3	250	79	5.6	3660
		3370	936.1	19	195.9		89		
		4044	1123.3	16	214.9		82		
700SOM-46JC	740	1949	541.4	23	156.5	200	78	5.5	3655
		3248	902.2	17	169.0		89		
		3898	1082.8	13	172.5		80		
700SOM-46JD	740	1875	520.8	18	119.4	160	77	5.4	3650
		3125	868.1	14	135.4		88		
		3750	1041.7	12	157.1		78		
700SOM-68	990	2880	800.0	79	737.6	1120	84	6.5	4040
		4800	1333.3	68	966.2		92		
		5760	1600.0	55	969.4		89		
700SOM-68A	990	2736	760.0	71	637.4	1000	83	6.4	4038
		4560	1266.7	60	818.8		91		
		5472	1520.0	51	853.9		89		
700SOM-68B	990	2599	721.9	67	578.3	900	82	6.3	4036
		4332	1203.3	58	760.3		90		
		5198	1443.9	49	779.4		89		
700SOM-68C	990	2466	685.0	62	514.0	800	81	6.2	4034
		4110	1141.7	54	671.6		90		
		4932	1370.0	45	686.8		88		
700SOM-68D	990	2343	650.8	53	422.7	630	80	6.1	4032
		3905	1084.7	44	525.8		89		
		4686	1301.7	37	549.0		86		

型号 TYPE	转速 Speed n r/min	流量 Flow		扬程 Head H m	功率(kW)		效率 Efficiency η %	必需汽蚀余量 (NPSH) _r m	泵重 kg
		m ³ /h	l/s		轴功率 Shaft Power	电机功率 Motor Power			
700SOM-N160	990	2628	730.0	173	1547.7	2500	80	6.3	7770
		4380	1216.7	154	2087.4		88		
		5475	1520.8	126	2319.4		81		
700SOM-N160A	990	2376	660.0	151	1236.8	2000	79	6.1	7765
		3960	1100.0	134	1642.2		88		
		4950	1375.0	110	1830.7		81		
700SOM-N160B	990	2208	613.3	129	994.5	1600	78	6.0	7760
		3680	1022.2	115	1324.7		80		
		4600	1277.8	94	1471.9		87		
700SOM-N160C	990	2016	560.0	113	805.7	1250	77	5.9	7755
		3360	933.3	100	1076.5		85		
		4200	1166.7	82	1187.2		79		
800SOM-24	740	4199	1166.4	30.5	436.0	630	80	8.8	6055
		6999	1944.2	24.0	514.0		89		
		8399	2333.1	18.3	504.3		83		
800SOM-24A	740	4031	1119.7	28.5	396.0	560	79	8.6	6050
		6719	1866.4	22.0	457.4		88		
		8063	2239.7	16.8	449.9		82		
800SOM-24B	740	3870	1075.0	26.6	354.9	500	79	8.4	6045
		6450	1791.7	20.5	413.9		87		
		7740	2150.0	15.6	406.0		81		
800SOM-24C	740	3677	1021.4	25.7	329.9	450	78	8.2	6040
		6128	1702.2	19.0	368.7		86		
		7353	2042.5	14.5	362.9		80		
800SOM-24D	740	3530	980.6	24.8	309.6	400	77	8.0	6035
		5883	1634.2	18.0	343.3		84		
		7059	1960.8	13.8	335.8		79		
800SOM-N24	740	3575	993.1	29.8	362.7	500	80	8.6	6040
		5958	1655.0	22.8	420.4		88		
		7150	1986.1	17.5	415.6		82		
800SOM-N24A	740	3432	953.3	28.5	337.2	450	79	8.4	6035
		5720	1588.9	21.2	379.6		87		
		6864	1906.7	16.2	373.9		81		
800SOM-N24B	740	3295	915.3	27.6	313.5	400	79	8.2	6030
		5491	1525.3	20.0	347.8		86		
		6589	1830.3	15.3	343.2		80		

02 OTHER PUMP TYPES

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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SZJW-11 FEED PUMP



SZJW-11 FEED PUMP IS ALSO KNOWN AS THE PRESSURE FILTER FEED PUMP, USED TO TRANSPORT HIGH CONCENTRATION SLURRY.

UHB SERIES CENTRIFUGAL PUMP



UHB SERIES CENTRIFUGAL PUMPS ARE SINGLE-STAGE SINGLE-SUCTION CANTILEVER CENTRIFUGAL PUMPS. THE FLOW PARTS ARE MADE OF STEEL-LINED ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE, WHICH HAS EXCELLENT WEAR RESISTANCE, IMPACT RESISTANCE AND EXCELLENT CORROSION RESISTANCE

SWLZ SERIES SELF-PRIMING PUMP



THE SWLZ SERIES OF NON-SEALED SELF-CONTROL SELF-PRIMING PUMPS ARE TEMPERATURE-RESISTANT, PRESSURE-RESISTANT, AND WEAR-RESISTANT. THEY USE FLUID DYNAMIC SEALS, NO PACKING, NO MECHANICAL SEALS, AND HIGH RELIABILITY.

SZW SERIES SELF-PRIMING PUMP



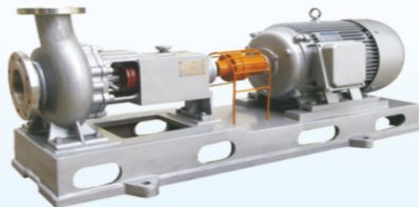
IT INTEGRATES SELF-PRIMING AND NON-CLOGGING SEWAGE DISCHARGE. NO NEED TO INSTALL BOTTOM VALVE. NO NEED FOR IRRIGATION, AND CAN SUCK SOLID BLOCKS CONTAINING LARGE PARTICLES, LONG FIBER DIRT, WASTE MINERAL MAGAZINES, ETC.

SSW/SSG PIPELINE PUMP



THE PRODUCT HAS THE CHARACTERISTICS OF HIGH EFFICIENCY, ENERGY SAVING, LOW NOISE, STABLE PERFORMANCE AND CONVENIENT MAINTENANCE. ACCORDING TO THE TEMPERATURE, THE MEDIUM CAN BE DIVIDED INTO HOT WATER TYPE, CORROSION RESISTANCE

SZA SERIES PETROCHEMICAL PROCESS PUMP



SZA SERIES ARE SINGLE-STAGE, HORIZONTAL CENTRIFUGAL PUMPS, WHICH TRANSPORT LIQUID PETROCHEMICAL PRODUCTS AT VARIOUS TEMPERATURES. THEY ARE SUITABLE FOR PETROLEUM REFINING, PETROCHEMICAL PRODUCT REFINING, OFFSHORE ENGINEERING, OIL TRANSPORTATION ENGINEERING, ETC.

SS SERIES SINGLE STAGE PUMP



SUITABLE FOR INDUSTRIAL AND URBAN WATER SUPPLY, DRAINAGE, AGRICULTURAL IRRIGATION AND DRAINAGE. TRANSPORT CLEAR WATER, OTHER LIQUIDS WITH PHYSICAL AND CHEMICAL PROPERTIES SIMILAR TO CLEAR WATER.

SD MULTI-STAGE PUMP



SUITABLE FOR MINES AND FACTORIES, URBAN WATER SUPPLY, SPECIAL MATERIAL SD PUMP IS SUITABLE FOR PETROLEUM CHEMICAL, ELECTRIC POWER, METALLURGY, PHARMACEUTICAL, ENVIRONMENTAL PROTECTION AND OTHER INDUSTRIES. TRANSPORTING NEUTRAL OR CORROSIVE, CLEAN OR LIQUID CONTAINING A SMALL AMOUNT OF SOLID PARTICLES

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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Thank you