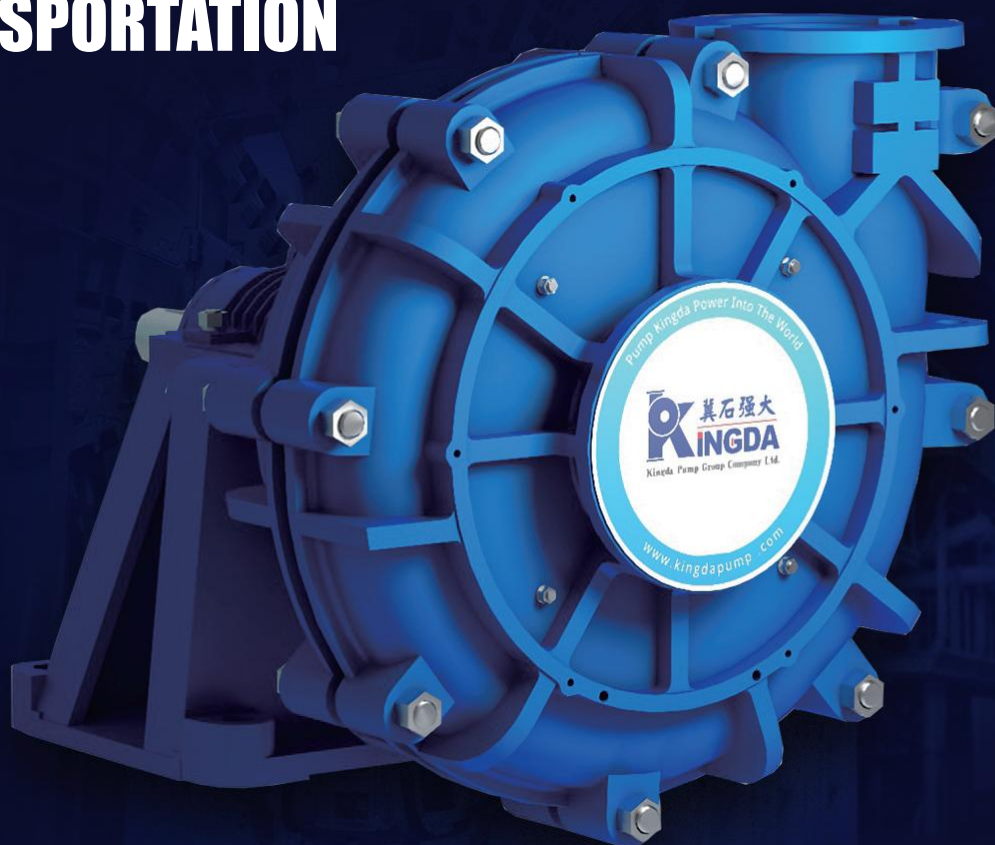


KINGDA PUMP GROUP COMPANY LTD.



PIONEER IN GREEN SOLUTIONS FOR FLUID TRANSPORTATION



www.kingdapump.com



COMPANY PROFILE



Kingda Pump was founded in 1948. Today, it has become a leading global supplier and manufacturer of high-performance pumping solutions for mining and mineral processing, aggregates, construction, environmental protection, dredging, shield tunneling, water treatment, power generation, chemical processing, agriculture, and other industries involving slurry or sewage.



Kingda Pump covers an area of over 300 mu (approximately 20 hectares), with a total construction area of more than 80,000 square meters. It can produce 10,000 sets of various industrial pumps, such as slurry pumps, dredging pumps, desulfurization pumps, and tunneling pumps, as well as 2,800 tons of various pump parts annually.



Kingda Pump has 378 units of production equipment and 73 units of specialized equipment. It has the capacity to handle the entire manufacturing chain, including pattern making, casting, heat treatment, machining, sheet metal welding, rubber lining, assembly, and testing.



Kingda Pump has also built a green design platform, including a high-efficiency multiphase slurry pump design system, a green manufacturing platform, a green testing platform, a green product production line, and a full life-cycle green analysis system.



In China, Kingda Pump currently holds approximately 60% of the slurry pump market share and over 30% of the sewage pump market share. Kingda Pump enjoys a high reputation both at home and abroad.

向世界百年工厂奋进
To be a world-class century-old factory

HISTORY OF ENTERPRISE DEVELOPMENT



Shijiazhuang Hengda Iron Works

1948



Shijiazhuang Water Pump Factory. State-owned Company

1964



Shijiazhuang Pump Industry Group Co., Ltd. State-owned Company

2000



Shijiazhuang Kingda Pump Group Co., Ltd.

2006



Kingda Pump Group Co., Ltd.

NOW

COMPANY CAPABILITY DESCRIPTION



Finished Product
Warehouse



Automated Storage & Retrieval
System (AS/RS) Warehouse



Car-bottom Type Heat
Treatment Furnace



Casting Process



CAE Casting
Simulation



High-Voltage Pump
Test Station



Dust Collection & Environmental
Protection Equipment



8m Vertical Lathe



Gantry-moving Type Milling
Machining Center

Pattern manufacturing is processed with CNC equipment, which effectively ensures the dimensional accuracy of parts. The casting and melting facility is equipped with 20 medium-frequency induction furnaces, with a maximum single casting weight of 28 tons. Pre-pour composition inspection uses a direct-reading optical emission spectrometer (OES), delivering precise chemical composition analysis and effectively guaranteeing casting quality.

Molding production uses resin sand. The company operates 6 continuous sand mixers with a per-unit mixing capacity of 40t/h, 5 shot-blast cleaning machines, and 1 blast room, with a maximum rough casting cleaning weight of 30 tons per piece. There is also 25t/h automatic sand reclamation equipment and over 100 metal-cutting machine tools.

An HL-16000 hard-bearing balancing machine has been installed, capable of performing dynamic balancing tests on impellers weighing up to 16 tons. This has replaced the traditional static balancing method with balancing stands, significantly improving the rotational accuracy of pump rotors and the operational reliability of the pumps.

Using advanced boron nitride cutting tools and appropriate cutting technology, it efficiently solves the machining of high-hardness, wear-resistant materials, and greatly improves the processing efficiency and precision. The welding workshop and the rubber workshop are well-equipped; there are 500 sets of various advanced testing, measuring and analyzing instruments and equipment control is basically digitalized (digital control, digital display), forming a complete production process and equipment system, with strong production and manufacturing capabilities.

The company has an annual casting capacity of 10,000 tons, and can produce a variety of ferrous and non-ferrous metal materials, such as gray iron, ductile iron, copper, aluminum, stainless steel, hard nickel, high chromium and other metals; the company has an indoor high-voltage testing pump station a low-voltage testing pump station, which ensure that the pump performance is 100% qualified before leaving the factory; the company has various advanced machining and digital control equipment, and has the ability to perform dynamic balancing test on large rotating spare parts, ensuring the accuracy and quality of the products.

WHY CHOOSE KINGDA



TECHNICAL SUPPORT

Kingda has in-depth cooperation with scientific research institutes of universities, continues to increase investment in research and development of new technologies and new products, and realizes product upgrading. It has the first slurry pump research laboratory in China, and has a special product research center in the factory area, using the most advanced technology to provide fast and effective solutions.

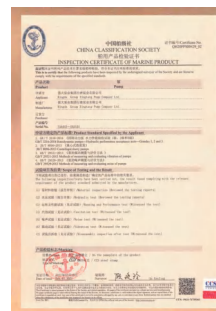


PROFESSIONAL TEAM

The large-scale Chinese factory integrating Manufacturing and Trade adopts digital management systems such as PLM and ERP to improve the level of refined management and visualize the progress of orders all the time.



QUALIFICATION



AFTER-SALES SERVICE

With a professional after-sales engineering team, we provide a quick online response 24/7

COMPANY PRESENTATION



PATTERN WORKSHOP



FOUNDRY WORKSHOP



MACHINING WORKSHOP



ASSEMBLY WORKSHOP



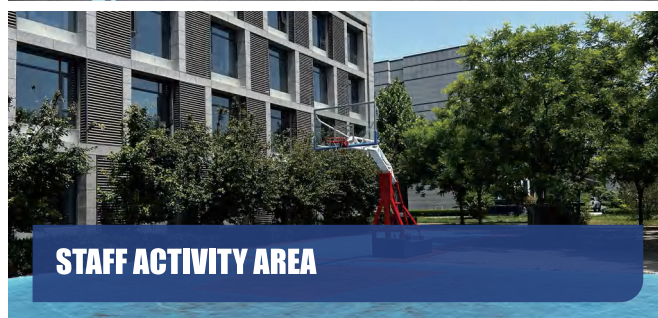
RUBBER WORKSHOP



RECEPTION ROOM



DINING ROOM



STAFF ACTIVITY AREA

QUALITY INSPECTION

QUALITY INSPECTION BEFORE FURNACE

The company has a quality inspection center to inspect the raw/auxiliary materials and product parts strictly, includes conduct tensile strength, elongation or impact tests, hardness tests, and metallographic microstructures on the samples submitted for inspection according to national standards, and issue corresponding reports, conduct physical and chemical tests and analytical research on new materials, new processes, and new technologies, analyze the chemical composition of the shaft material to ensure accurate data, and test the material before the furnace to ensure that the final composition of each heat is within the internal control range.



MACHINING PROCESS QUALITY INSPECTION



During the machining process, we carry out three inspection procedures: "Initial Production Inspection", "In Process Inspection" and "Final Quality Control", to promptly discover possible quality problems in each procedure and ensure the data consistency of the inspected parts, and verify the validity and accuracy of the measuring instruments used.

According to the product drawings and processing technology requirements, compare the key indicators such as the size, shape, and surface quality of the workpiece to ensure that the product meets the standard. If defective products are found, they shall be eliminated in time to prevent them from entering the next process or the next process link, so as to achieve effective control of the process.

PUMP PERFORMANCE TEST STATION

Kingda Assembly Workshop has built a performance test station with a testing accuracy that reaches level 1 in the international standard ISO 9906 and level 1 in GB/T3216. Both the test capability and test accuracy of the slurry pump are the first in China. The pumping test station has a high-voltage test area and a low-voltage test area, includes 2 pools and 7 test benches. All test benches are equipped with the following instruments: high-precision electromagnetic flowmeters, pressure sensors, and multi-functional electric meters. Automatic data collection and real-time processing, computer network sharing data, intelligent evaluation of test results.





KSH/KSM SERIES

Product Features

PRODUCT PARAMETERS

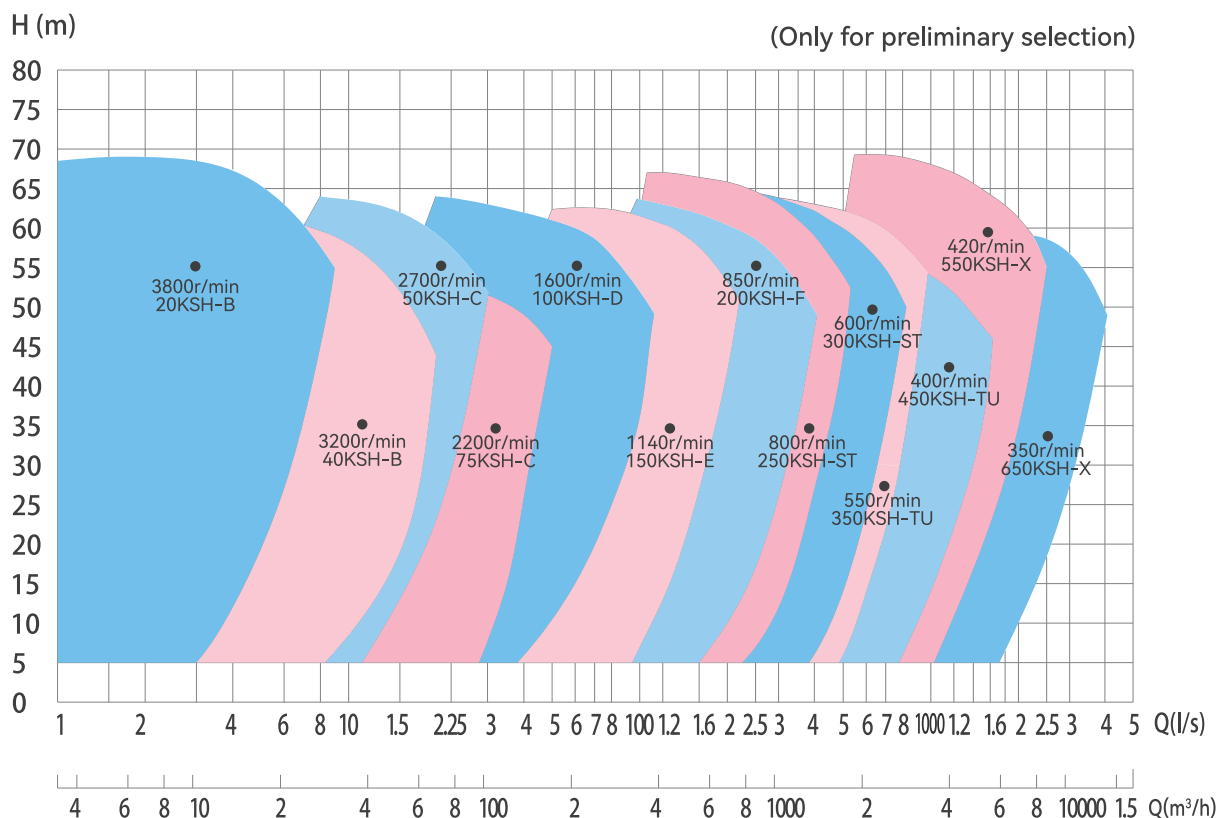
Discharge Diameter(mm)	20~650
Flow Rate(m ³ /h)	10~14000
Head (m)	10~70
Material	M/R

Double-casing structure, energy-efficient, low-noise, low-vibration, stable performance, and long service life.

Liners and impeller can be made of metal and rubber materials that suitable in various operation conditions. It can be used in mining, shield tunneling, and metallurgical industries.

KSM is a medium slurry pumps that transporting medium abrasive slurry.

● Working Range of KSH-series Slurry Pump





KSHH SERIES

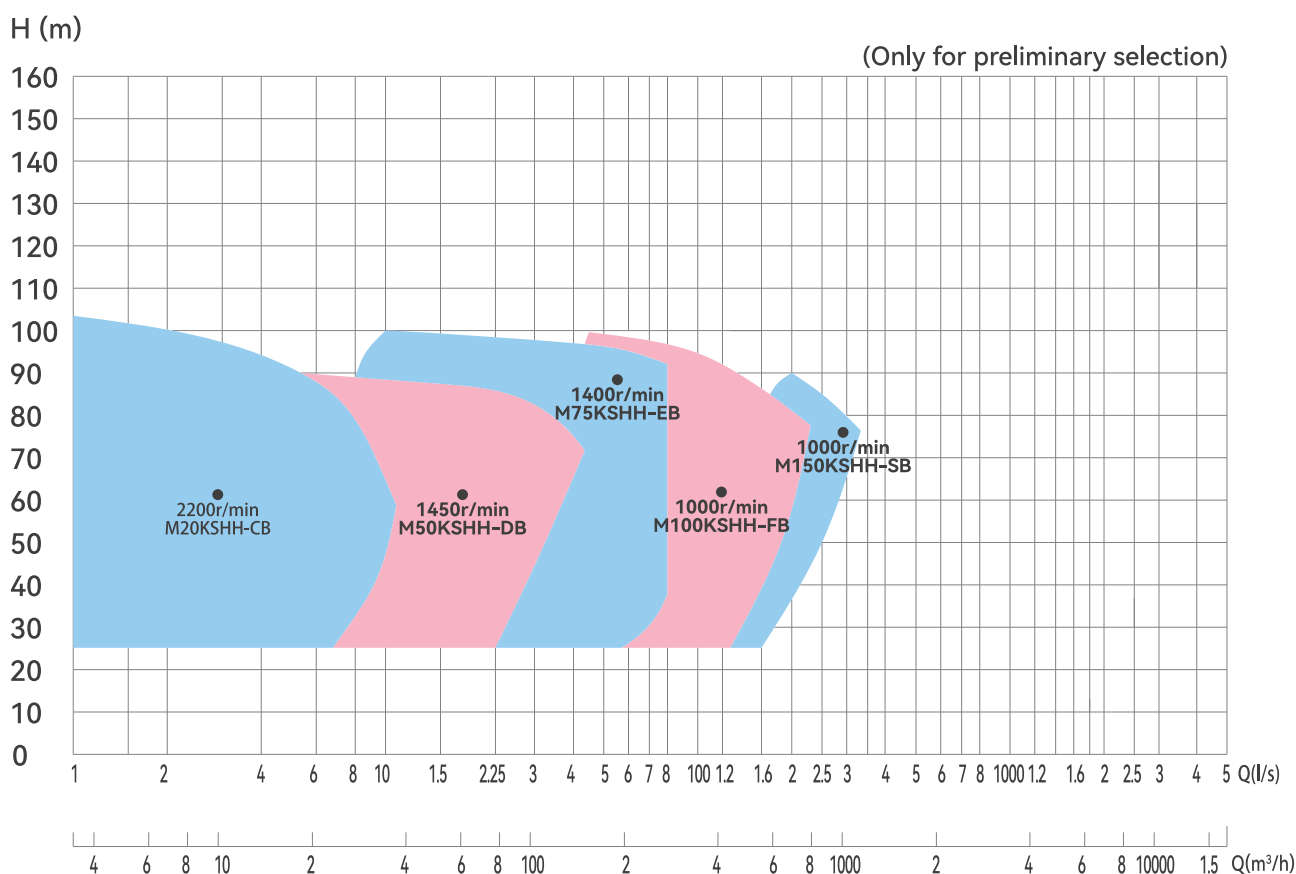
Product Features

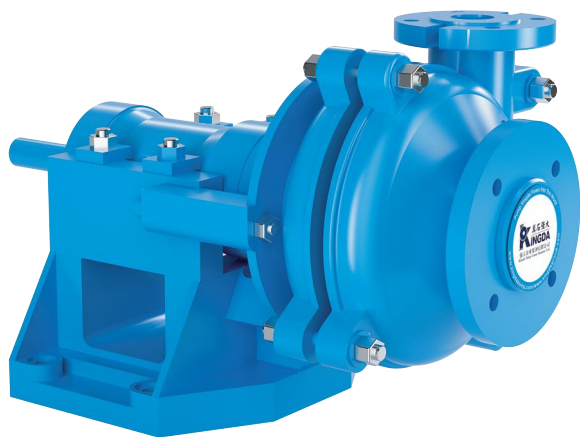
PRODUCT PARAMETERS

Discharge Diameter(mm)	20~150
Flow Rate(m ³ /h)	10~900
Head (m)	20~100
Material	M

The KSHH pump is a kind of cantilevered, horizontal, centrifugal slurry pump. They are designed for transporting strong abrasive slurry and high density slurry, in the industry of metallurgy, mining, coal plant, power plant ,etc. This model pump also can be installed as multistage series. The materials of wet end parts is high-Chromium White Cast Iron.

● Working Range of KSHH-series Slurry Pump





KSL SERIES

Product Features

PRODUCT PARAMETERS

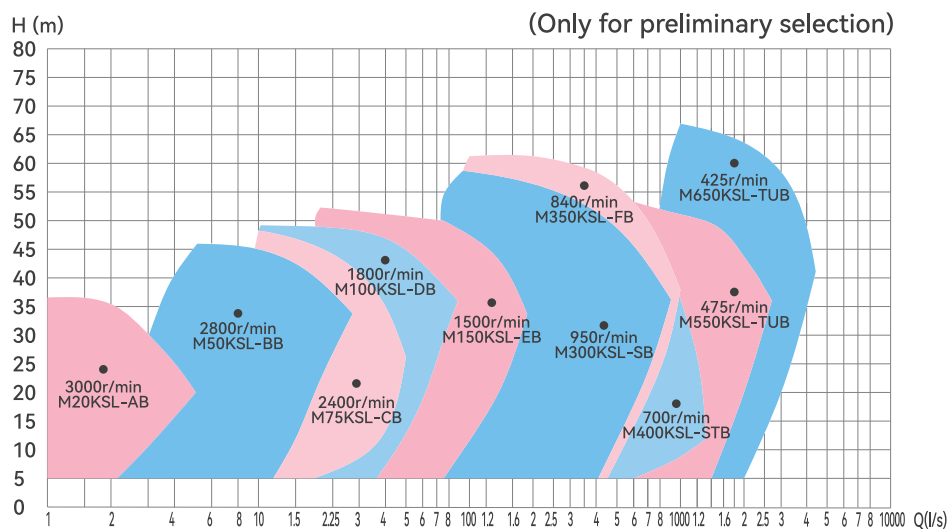
Discharge Diameter(mm)	20~650
Flow Rate (m ³ /h)	10~14000
Head (m)	10~60
Material	M/R

The KSL model pump is cantilever, centrifugal horizontal slurry pump. It is suitable for transporting low density and low abrasive slurry in metallurgy, mining, coal plant and building material industry etc. The shaft seals with gland seals and centrifugal seals.

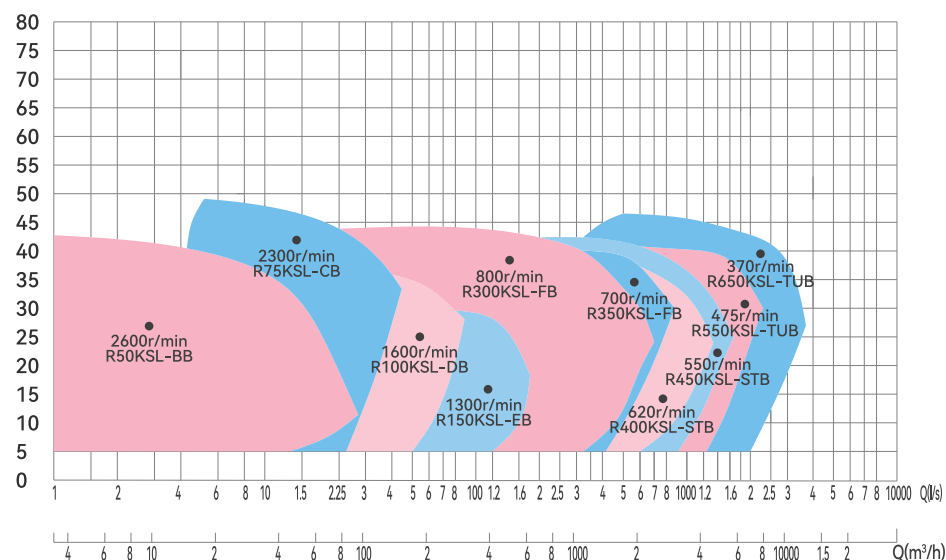
This KSL model pump with high speed, small size and save space. The wet end parts is changeable, with rubber liners or metal liners. The material of impeller is high chrome white cast iron or rubber.

Working Range of KSL-series Slurry Pump

KSL(M) SERIES



KSL(R) SERIES





KSG SERIES

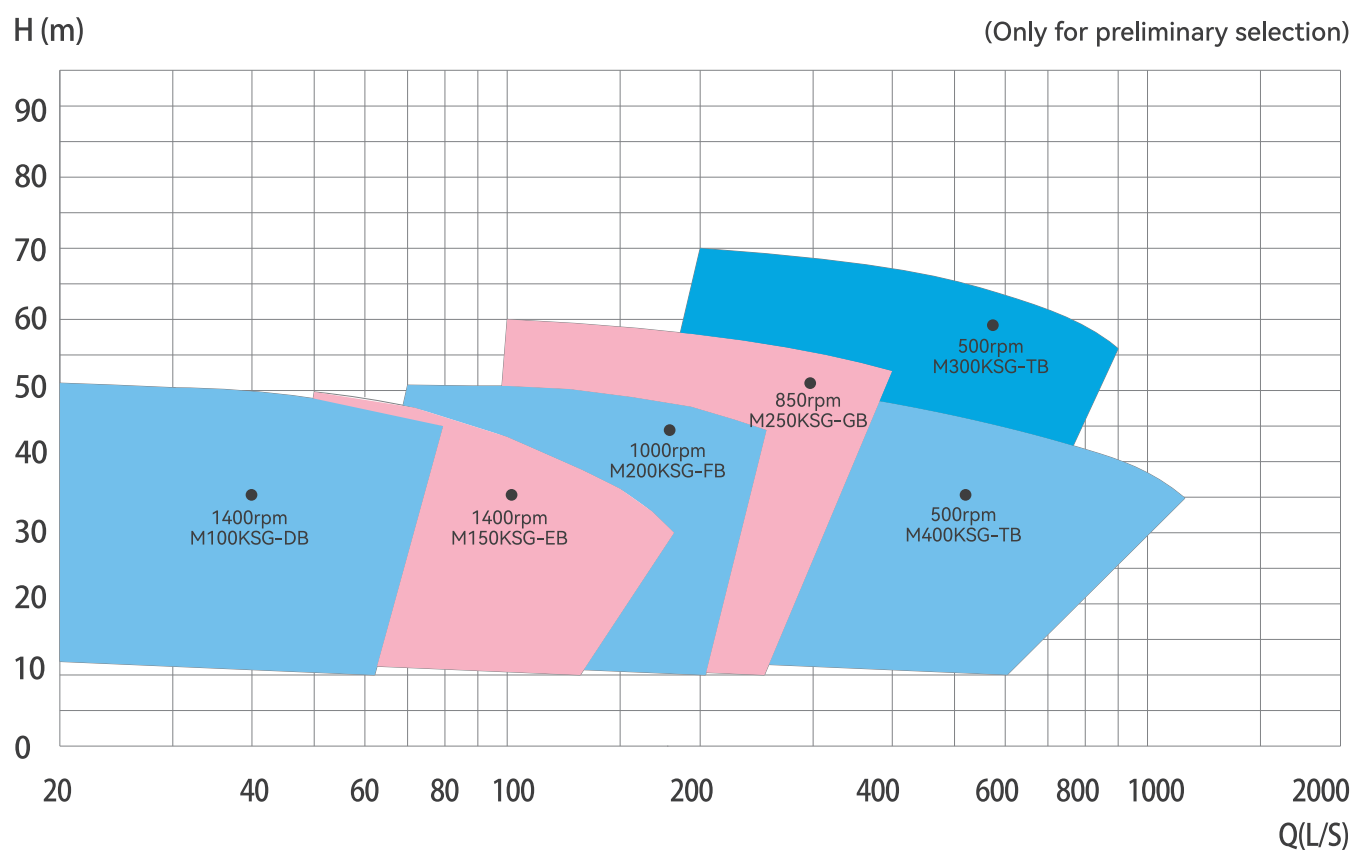
Product Features

PRODUCT PARAMETERS

Discharge Diameter (mm)	100~400
Flow Rate (m ³ /h)	60~4000
Head (m)	10~60
Material	M

Single stage, single suction, cantilever, horizontal structure. The discharge direction of pump can be in any position of 360°. Easy installation, excellent cavitation resistance and good wear resistant. It is mainly used in transportation of strong abrasive with too large particles, that cannot be transported by normal pumps.

● Working Range of KSG-series Slurry Pump





ZGB SERIES

Product Features

PRODUCT PARAMETERS

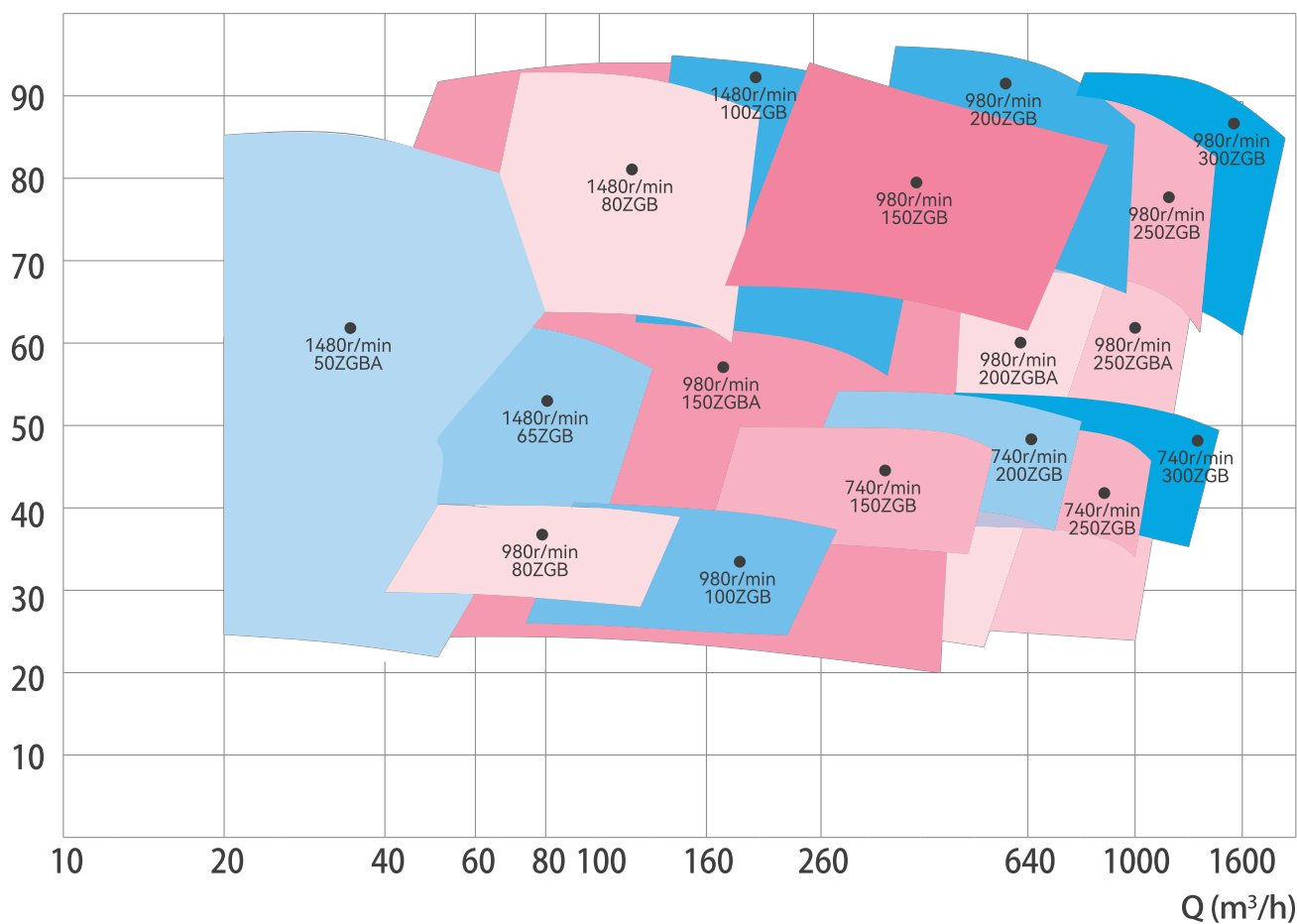
Discharge Diameter (mm)	50~300
Flow Rate (m ³ /h)	20~1800
Head (m)	20~120
Material	M

Double-casing structure. It has the characteristics of high head, high efficiency, good wear resistance, stable performance, and excellent cavitation resistance, making it suitable for medium and high head applications in industries such as metallurgy, mining, coal, and electric power.

● Working Range of ZGB-series Slurry Pump

H (m)

(Only for preliminary selection)





KWP SERIES

Product Features

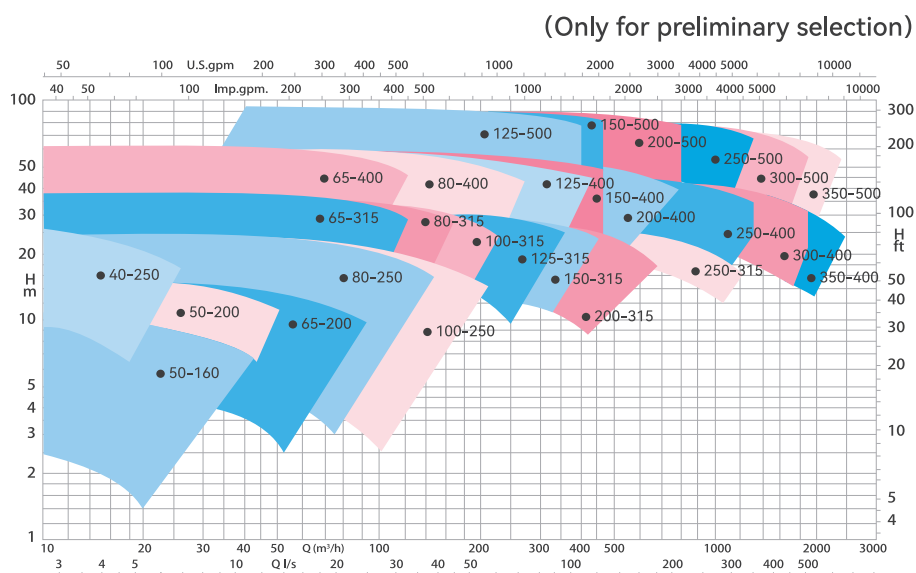
PRODUCT PARAMETERS

Discharge Diameter (mm)	40~500
Flow Rate (m ³ /h)	10~3000
Head (m)	5~80
Material	M

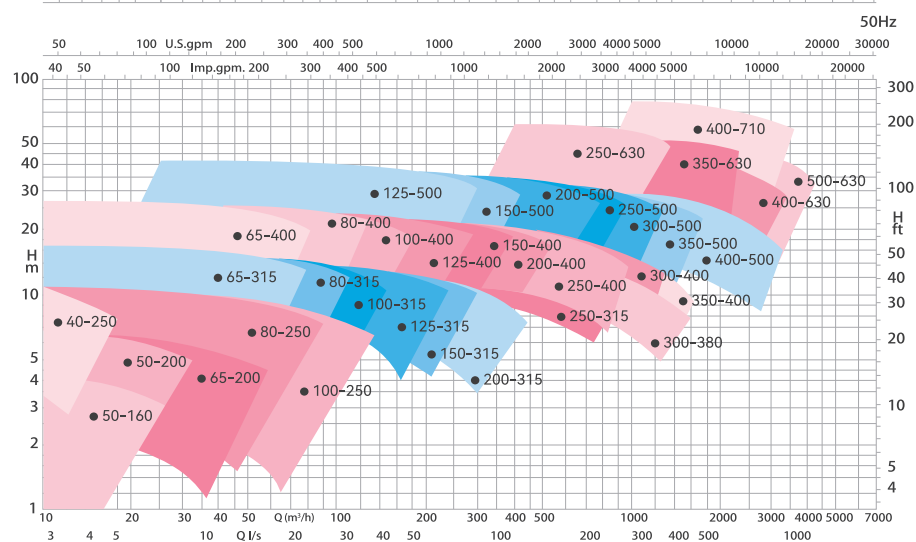
This series of pumps features a horizontal, axial-suction, single-stage, single-suction, and single-casing structure. The impeller is available in various types: open type, semi-open type, closed type, and free flow type. They are widely used in wastewater treatment projects, breweries, powerplants, petrochemical plants, mining, paper mills, and the construction industry.

● Working Range of KWP-series Non-Clog Sewage Pump

$n=1450$ r/min



$n=960$ r/min





KSS SERIES

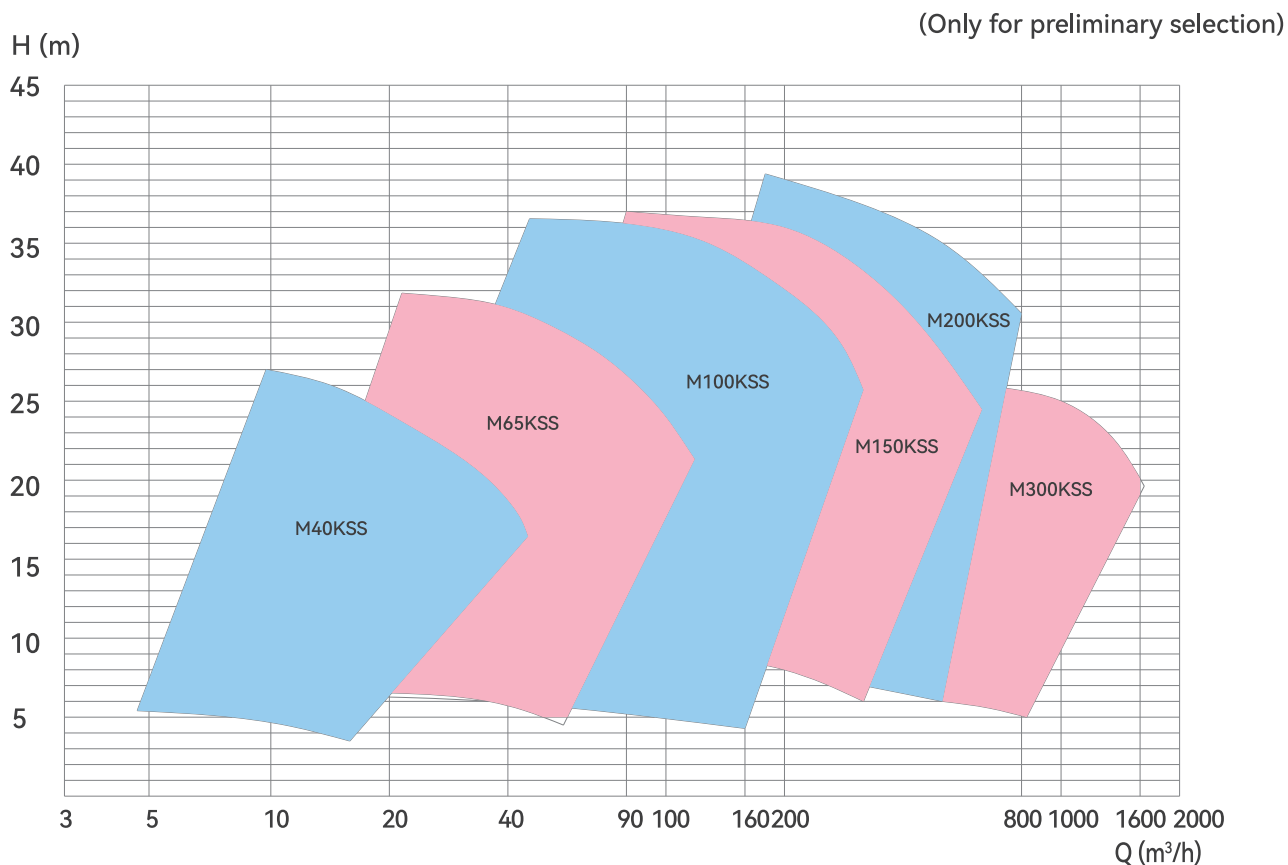
Product Features

PRODUCT PARAMETERS

Discharge Diameter (mm)	40~300
Flow Rate (m ³ /h)	18~1267
Head (m)	4~40
Material	M/R

This submerged slurry pump design features a vertical, axial-suction, single-stage, and single-casing centrifugal configuration. Its wetted components are available in wear-resistant metal or rubber, with customizable immersion depth to meet operational requirements. It is ideal for handling abrasive, high-concentration slurries with coarse particles across metallurgy, mining, coal, and power industries. Requiring no shaft seals or seal water, the pump can reliably operate even under low-suction conditions.

● Working Range of KSS-series Vertical Sump Pump





TL SERIES

Product Features

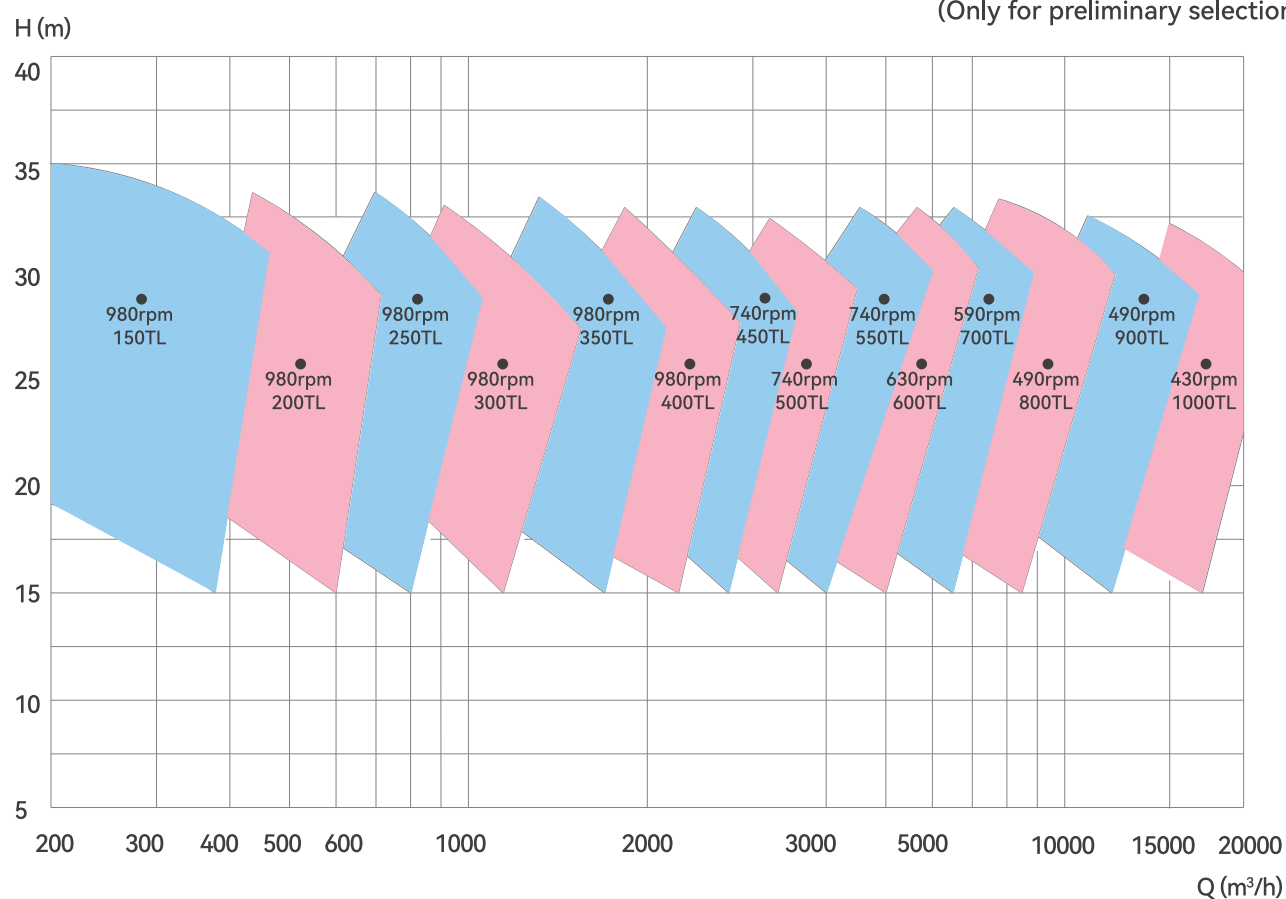
PRODUCT PARAMETERS

Discharge Diameter (mm)	65~1000
Flow Rate (m ³ /h)	50~18000
Head (m)	15~50
Material	M

Designed with a horizontal, axial-suction, single-stage, single-suction, cantilevered, and back-pullout structure, featuring excellent performance such as: high efficiency, energy savings, and superior resistance to corrosion and wear. It features minimal vibration, low noise, reliable operation, leak-free shaft sealing, extended service life, and effortless maintenance, delivering industry-leading overall performance.

● Working Range of TL-series Desulfurization Pump

(Only for preliminary selection)





TLR SERIES

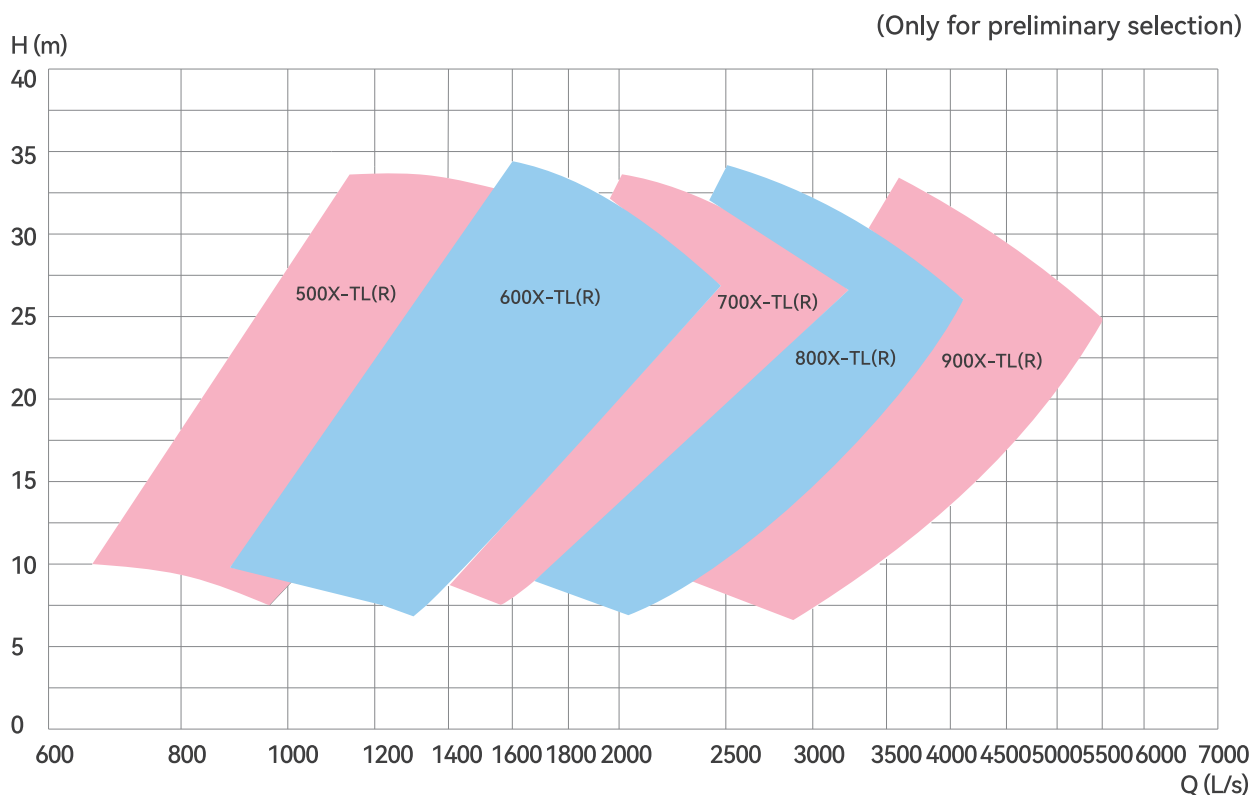
Product Features

PRODUCT PARAMETERS

Discharge Diameter(mm)	500~900
Flow Rate (m ³ /h)	2000~16000
Head (m)	15~35
Material	R

The desulfurization circulation pump features a double-casing, horizontal, axial-suction, single-stage, single-suction, cantilevered, and back-pullout configuration. Its liner is constructed from replaceable, wear-resistant rubber or polyurethane. The pump offers high efficiency, energy savings, excellent corrosion and wear resistance, minimal vibration, low noise, dependable operation, leak-free shaft sealing, an extended service life, and effortless maintenance.

● Working Range of TLR-series Desulfurization Pump





KSF SERIES

Product Features

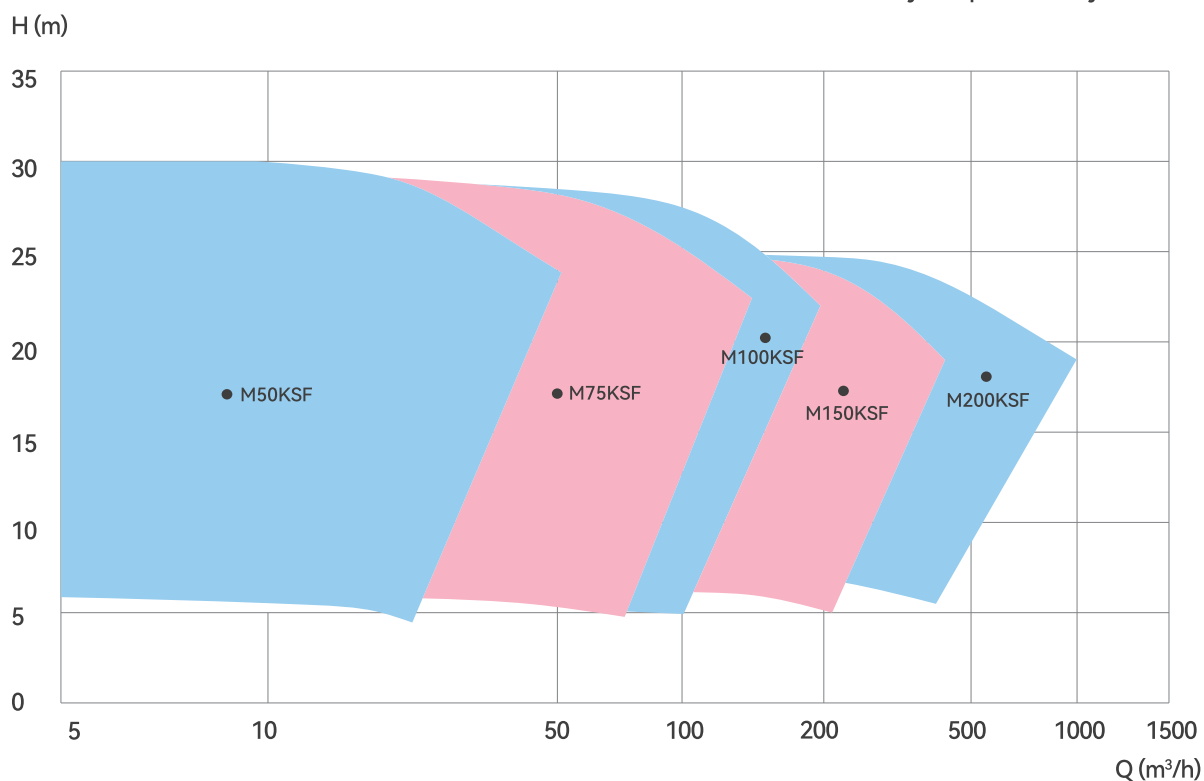
PRODUCT PARAMETERS

Discharge Diameter (mm)	50~200
Flow Rate (m ³ /h)	10~1000
Head (m)	5~30
NPSH (m)	1~6
Material	M

Features a vertical, double-casing, seal-free structure. The feed tank can be rubber-lined for protection, with options for direct drive or V-belt transmission. Designed for harsh working conditions, it is ideal for handling frothy slurries across the metallurgy, mining, coal, and electric power industries.

● Working Range of KSF-series Froth Pump

(Only for preliminary selection)





KSHF SERIES

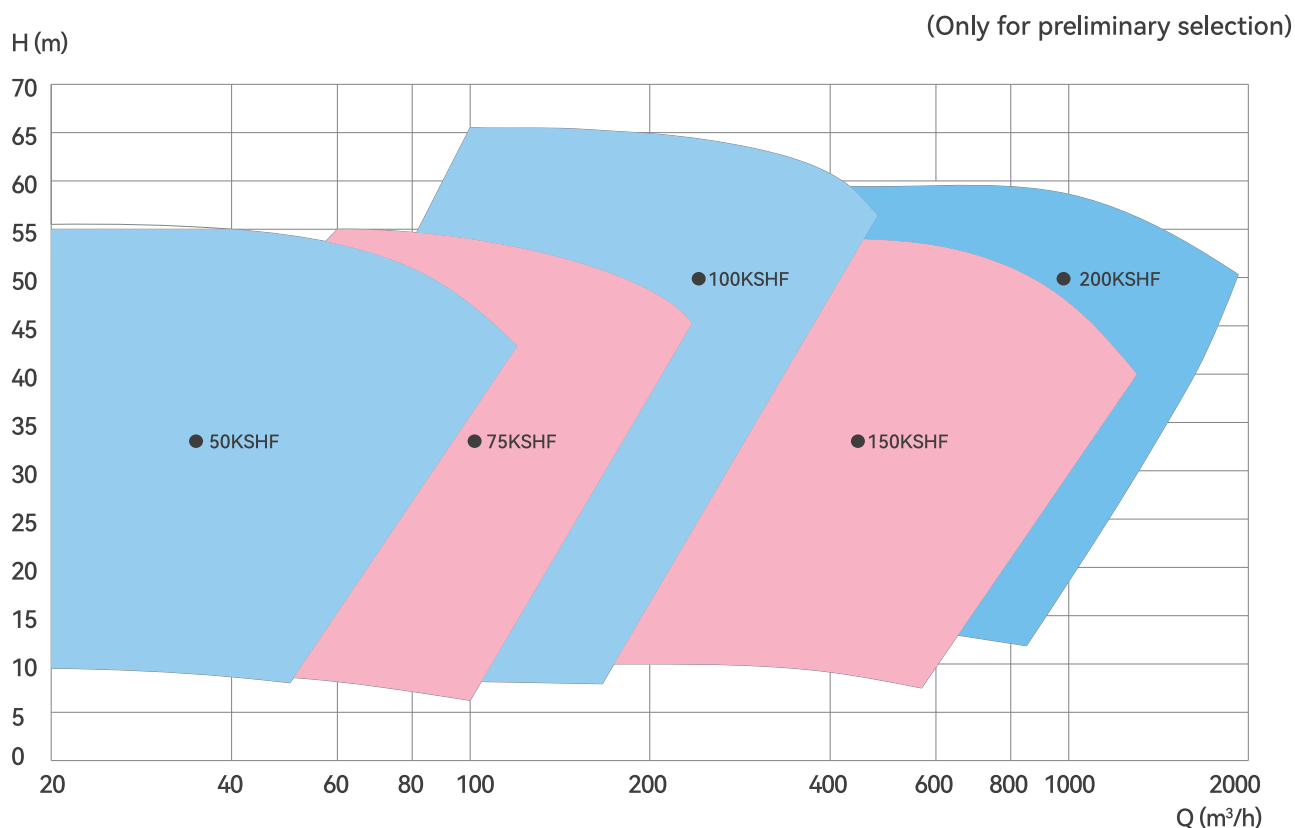
Product Features

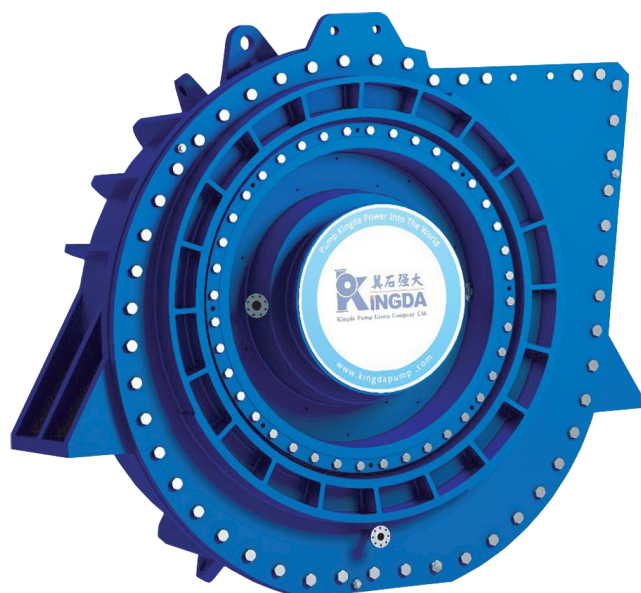
PRODUCT PARAMETERS

Discharge Diameter (mm)	50~200
Flow Rate (m ³ /h)	10~1600
Head (m)	10~68
NPSH (m)	1~6
Material	M

Featuring a double-casing design, the pump incorporates a specially engineered impeller with forward-extending blades that engage fluids earlier, significantly enhancing suction capability. Power transmission is flexible, with options for direct drive or V-belt drive. For shaft sealing, users can choose from gland seal, expeller seal, or mechanical seal.

● Working Range of KSHF-series Froth Pump





WN SERIES

Product Features

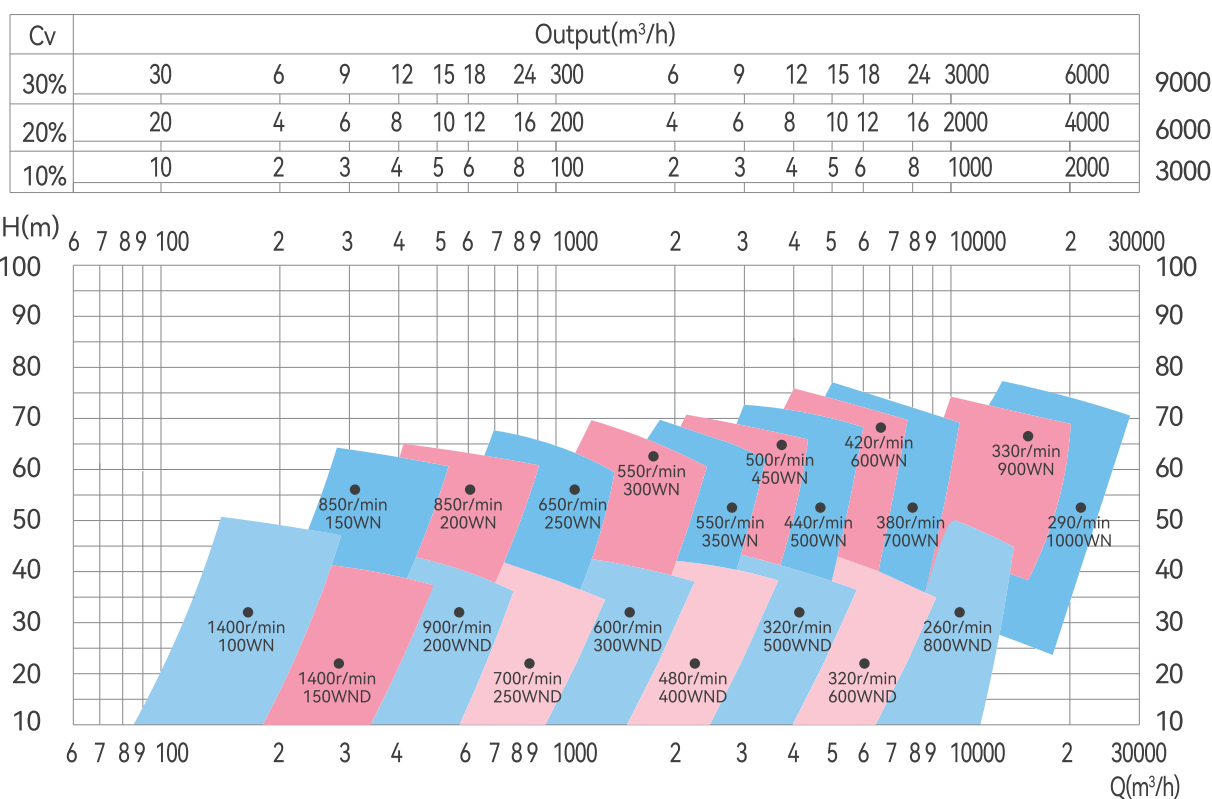
PRODUCT PARAMETERS

Discharge Diameter (mm)	200~1200
Flow Rate (m ³ /h)	600~25000
Head (m)	20~80
Material	M

WN series dredging pumps with discharge diameters below 500 mm feature a single-casing, single-stage, single-suction, cantilevered, horizontal design. For 600WN and larger cabin-type pump models, a double-casing structure is used. The WNQ underwater dredging pump utilizes a single-casing configuration to minimize overall weight, making lifting and positioning easier; it is widely applied in river sand dredging and mining vessels.

● Working Range of WN-series Dredging Pump

(Only for preliminary selection)





LC SERIES

Product Features

PRODUCT PARAMETERS

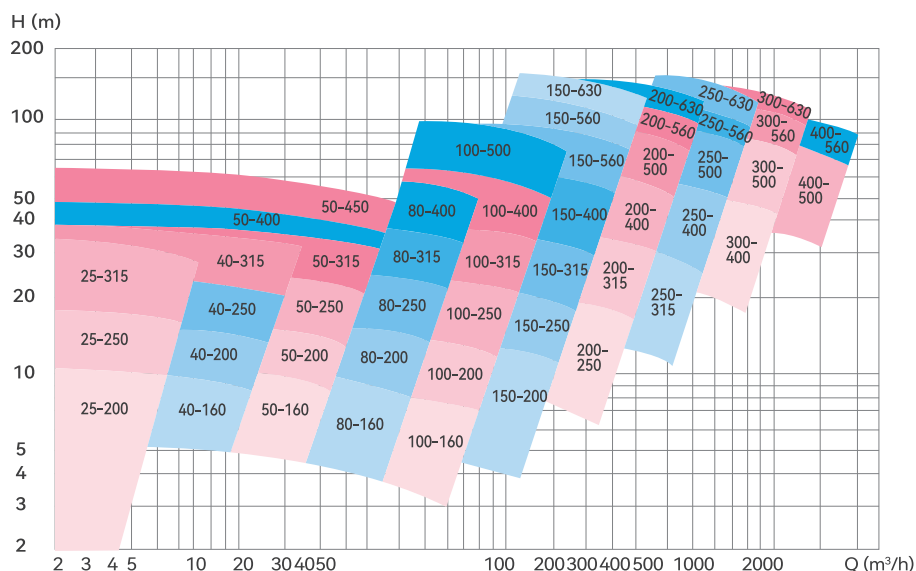
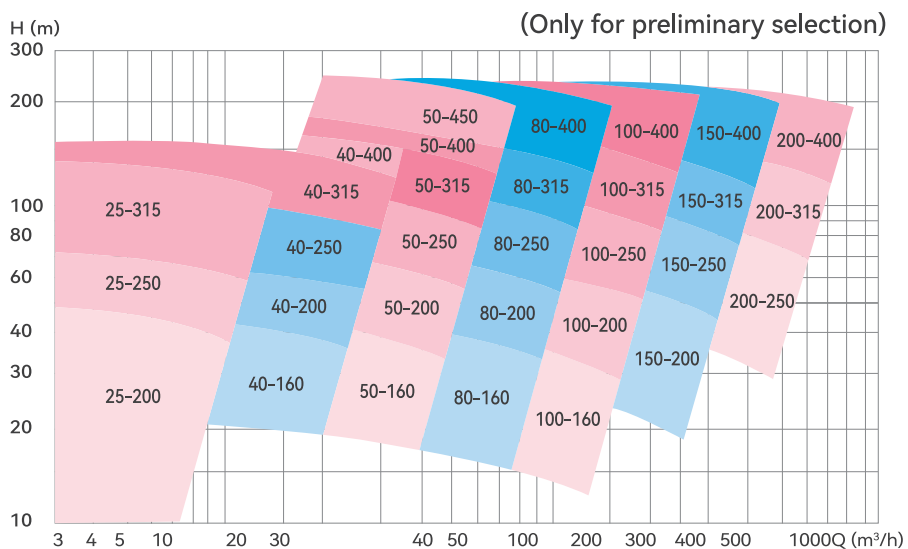
Discharge Diameter (mm)	25 ~ 400
Flow Rate (m³/h)	5 ~ 2600
Head (m)	4 ~ 250
Material	M

The LC series petrochemical pump is a single-stage, horizontal and cantilevered centrifugal pump. Featuring reasonable construction, excellent performance and high reliability. The pump is widely used in petrochemicals, refinery plant, chemical industry, papermaking industry, environmental protection projects and seawater treatment especially in fields demanding specific temperatures and superior corrosion resistance.

● Working Range of LC-series Petroleum & Chemical Pump

$n=2950\text{r/min}$

$n=1475\text{r/min}$





SXX SERIES

Product Features

PRODUCT PARAMETERS

Discharge Diameter (mm)	300~1000
Flow Rate (m ³ /h)	1000~18000
Head (m)	22~170
Material	M

Single-stage, double-suction, horizontal centrifugal pump, with horizontal suction, horizontal discharge. Featuring wide performance range, high efficiency, compact structure, reliable operation, easy maintenance, long service life. Suitable for urban water supply and drainage, town water supply, power plant circulating water, chemical plant cooling water, other industrial and mining enterprises' water supply, agricultural field drainage and irrigation; marine high-pressure flushing water pumps, etc.

● Working Range of SXX-series Horizontally Split Pump

$n=1480\text{r/min}$





KZQ SERIES

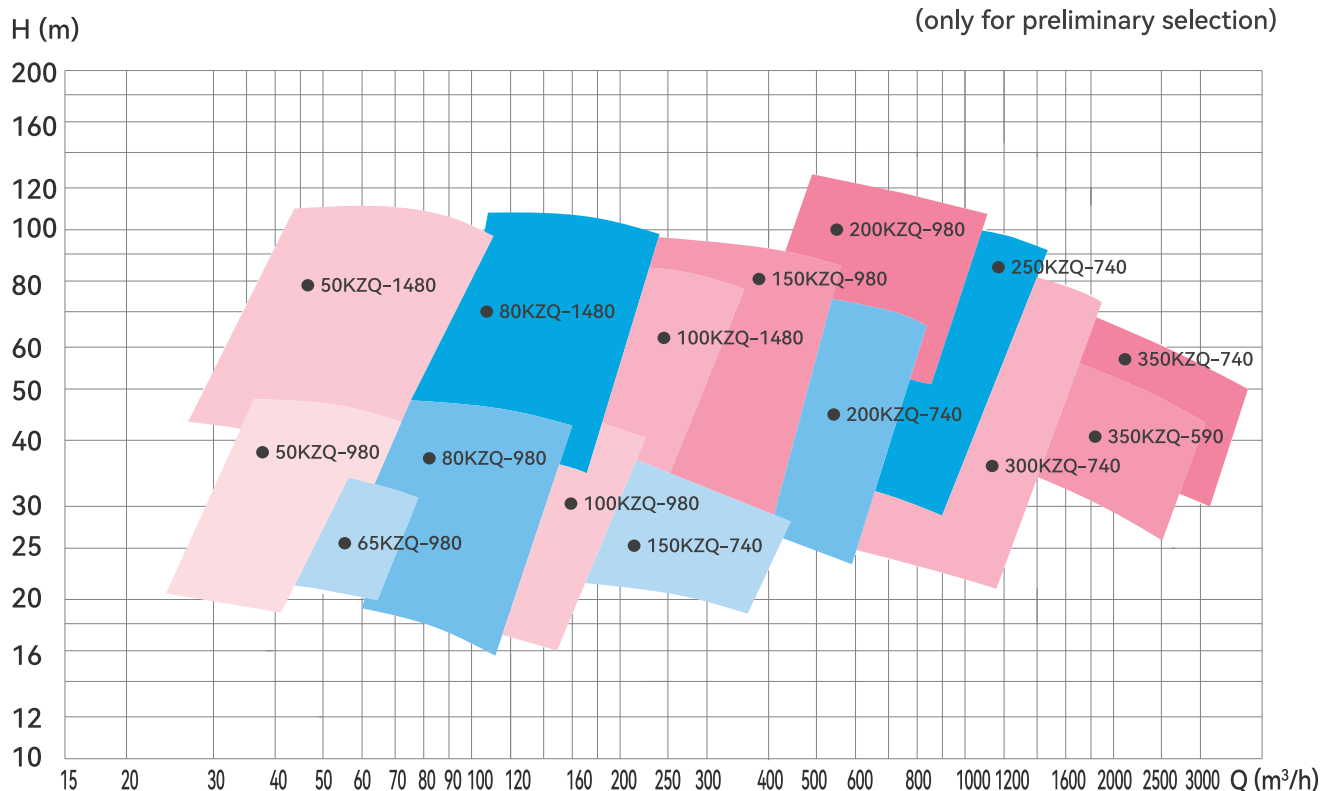
Product Features

PRODUCT PARAMETERS

Discharge Diameter (mm)	50~350
Flow Rate (m³/h)	30~3500
Head (m)	10~120
Material	M

The KZQ series features a vertical structure designed for submerged operation, offering stable performance, non-clogging reliability, a compact footprint, and easy installation. Equipped with automatic control systems (including automated protection, operation, and signal monitoring), this pump is widely used in coal processing, power generation, river dredging, and municipal engineering. It is ideal for conveying gravel, mud, and heavy slurry with large solid particles, as well as for river dredging and mining vessels.

● Working Range of KZQ-series Submersible Slurry Pump





KMS SERIES

Product Features

PRODUCT PARAMETERS

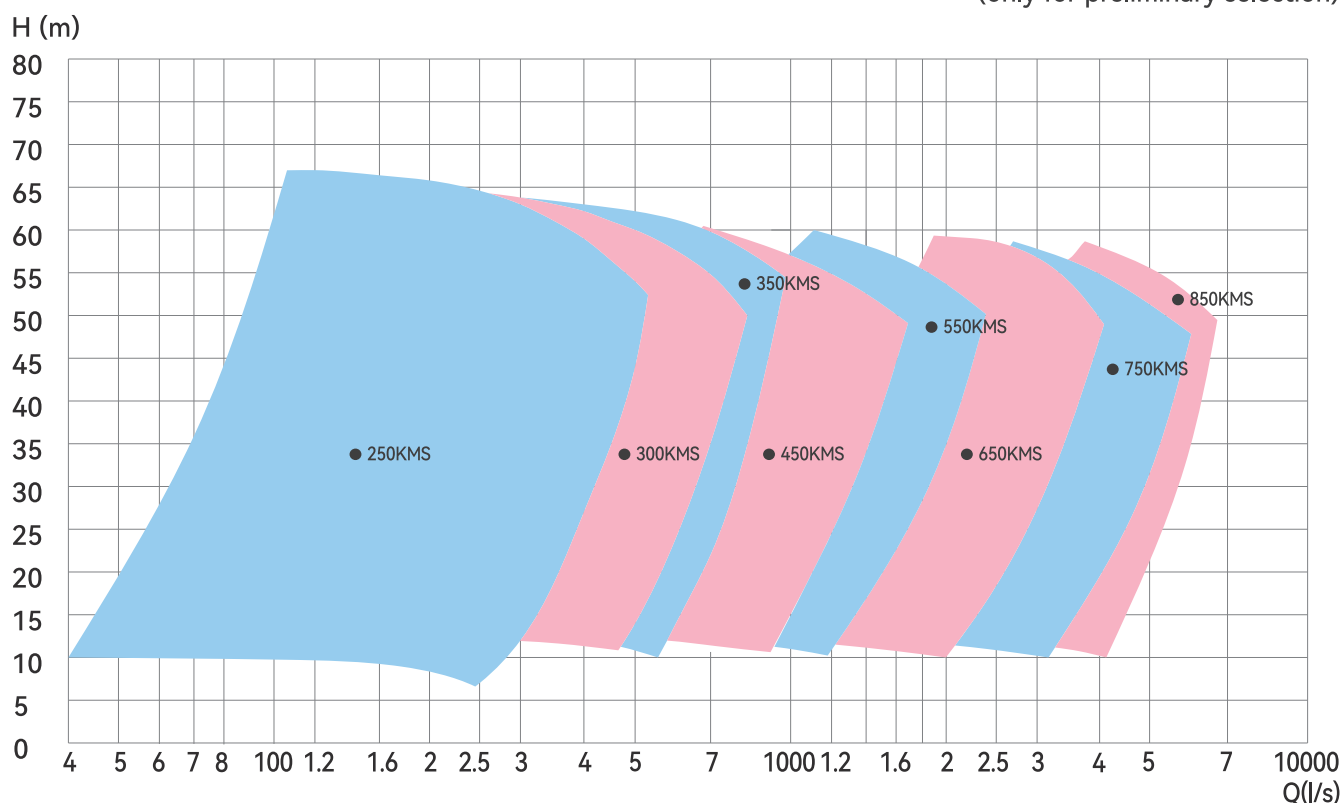
Discharge Diameter (mm)	250~850
Flow Rate (m ³ /h)	200~24000
Head (m)	10~60
Material	M/R

Featuring a double-casing structure, the KMS series offers interchangeable wear-resistant metal or rubber liners and impellers to suit diverse working conditions. The clearance between the impeller and throat bush / frame plate liner can be adjusted to maintain optimal efficiency. It is primarily engineered for handling highly abrasive slurries in mineral processing, including grinding, classification, and tailings transportation.

Note: KMS950 Mill Discharge Pump can be custom-designed upon request.

● Working Range of KMS-series Mill Discharge Pump

(only for preliminary selection)



SPARE PARTS





Rubber Parts

As a slurry pump manufacturer, we meet the diverse spare parts needs of our customers. Whether customers need metal spare parts to enhance the structural strength of their products, or rubber spare parts to provide superior sealing and wear resistance, we can produce them according to specific requirements.

With advanced processing equipment and an experienced engineering team, we ensure the precise manufacture of metal and rubber spare parts that meet our customers' requirements. Whether it is a large production or a small order, we are committed to providing high-quality spare parts and guaranteeing on-time delivery.

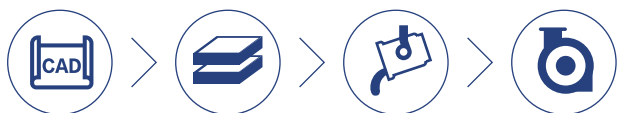
CUSTOMIZED SERVICES OEM



We are able to undertake OEM business based on customer-specific drawings. The 3D scanner can precisely capture the shape of complex spatial curved surfaces, and the laser tracker can ensure the consistency between the castings and the 3D model. We could cast parts weighing up to 28 tons in a single pour, and conduct dynamic balancing tests for impellers weighing up to 16 tons. We offer various metal materials such as high-chrome wear-resistant cast iron, ductile iron, cast steel, stainless steel, and non-metallic materials such as wear-resistant rubber and polyurethane.

We utilize simulation analysis software such as GAMBIT and FLUENT to optimize and improve hydraulic performance, providing users with fluid-handling solutions that meet their needs.

We provide various inspection reports such as raw material inspection, spectrochemical analysis, mechanical stress testing, hydrostatic pressure testing, performance testing, etc.



BUSINESS PARTNERS



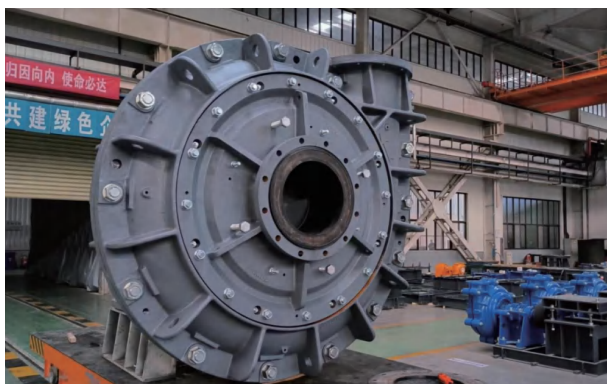
MINING PROJECT CLIENTS



Benxi Dongfang Sanjiazhi Mining Project



Lianyungang Mine Project



Vale - Sohar Iron Plant



Laos Potash Project



Ma'aden - Jalamid Phosphate Mine



Compañía Minera del Pacífico-Iron Plant

SHIELD PROJECT CLIENTS



Shanghai Infrastructure 15m Tunnel Project



China Railway 15th Bureau Hengqin Project

WATERWAYS DREDGING PROJECTS CLIENTS



CCCC Tianjin Dredging Bureau "Tianji"



Asia's Largest Heavy Self-propelled cutter Suction Vessel "Tiankun"

DESULFURIZATION PROJECT CLIENTS



India Jharsuguda Power Plant Desulfurization Project



Shandong Weifang Power Plant Project



TOGETHER WITH KINGDA FOR SAFE PRODUCTION AND EFFICIENT OPERATION

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