

The logo for Triolo, featuring the word "Triolo" in a bold, yellow, sans-serif font. The text is contained within a dark blue, rounded rectangular shape that has a slight 3D effect with a lighter blue shadow on the right side. The background of the entire page is a vibrant, high-contrast image of water splashing over a lush green field under a clear blue sky. In the foreground on the right, a large, black, industrial-looking component, possibly a pump or valve, is partially visible, showing a circular flange with several bolt holes and a central hub with a circular opening.

Triolo

**2023
SERIES
CATALOG**

Triolo

Designed for
PERFORMANCE

Experienced since 1995, as a distributor and service company for centrifugal pumps, learning from the many cases of pump problems, the Triolo team decided to establish a centrifugal pump industry based on their experience, where Triolo designs and manufactures pumps with reliability and high efficiency.

TECHNOLOGY

Research & Development



G+MAX
*RELIABILITY *DURABILITY

Combining high durability with robust performance, the G+MAX pumps are proficient in continuous operations and extreme conditions for aggressive wastewater and water applications while maintaining the highest efficiencies and energy savings.



ECO

Fully engineered to work with outstanding efficiency and manufactured with precision in the most stringent processes, the ECO series features the most efficient and power-effective pumps to maximize flow rate and energy savings.



Easy FLOW

Guaranteeing maximum performance while maintaining extremely easy and simple durable mechanical construction, Easy-flow pumps are designed for very quick and easy installation and maintenance-free operation.



DUTY
*STRENGTH *PERFORMANCE

Fully integrated with robust performance materials and designed to operate in extreme conditions, the DUTY series introduces a series of efficient and durable pumps, suitable for aggressive, salty or high sedimented water.

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SUBMERSIBLE



SPE 4"

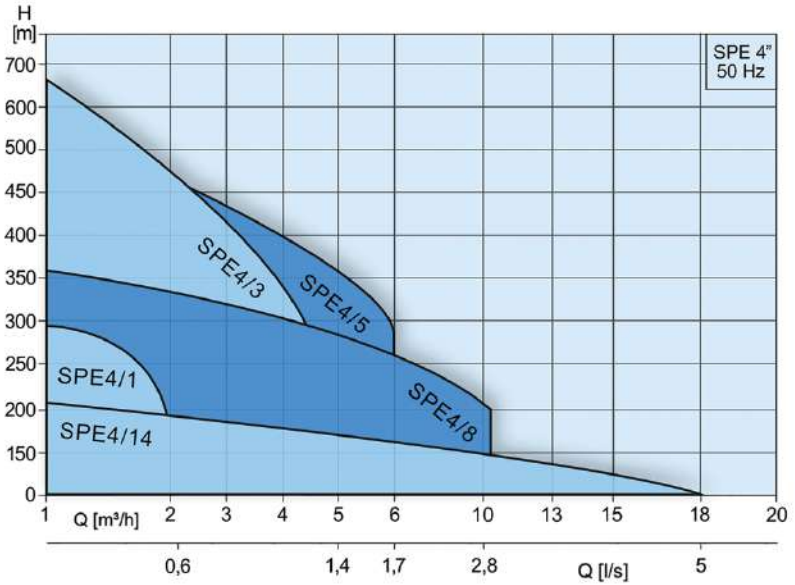
Stainless Steel Electric
Submersible Pump Series



The SPE4 electric submersible pumps are fully constructed with AISI304 stainless steel for top-class underwater protection. Suitable for clean water in wells, domestic, civil and industrial applications, including water supply and irrigation systems. The SPE4 pump offers a simple and compact construction for easy maintenance and installation.

Technical Specifications

Capacity up to	l/s	5
Head up to	m	681
Power up to	kW	9.2



SPE 6"

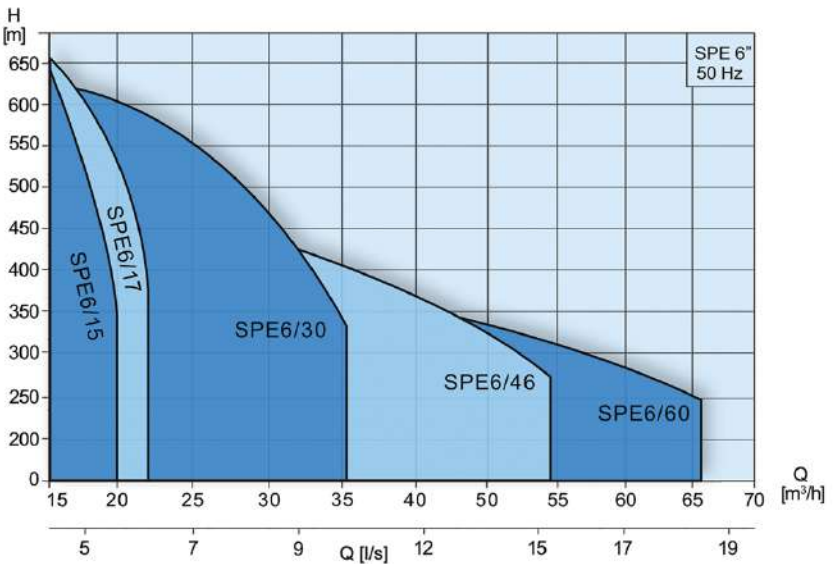
Stainless Steel Electric
Submersible Pump Series



The SPE6 electric submersible pump, designed for medium to high flow, is completely made with AISI304 stainless steel, offering safe operations under saltwater. Suitable for lifting clean water in wells, domestic, civil and industrial applications, including water supply and irrigation systems. The SPE6 pump offers a flexible range with easy adjustments and simple installation.

Technical Specifications

Capacity up to	l/s	18,4
Head up to	m	657
Power up to	kW	55



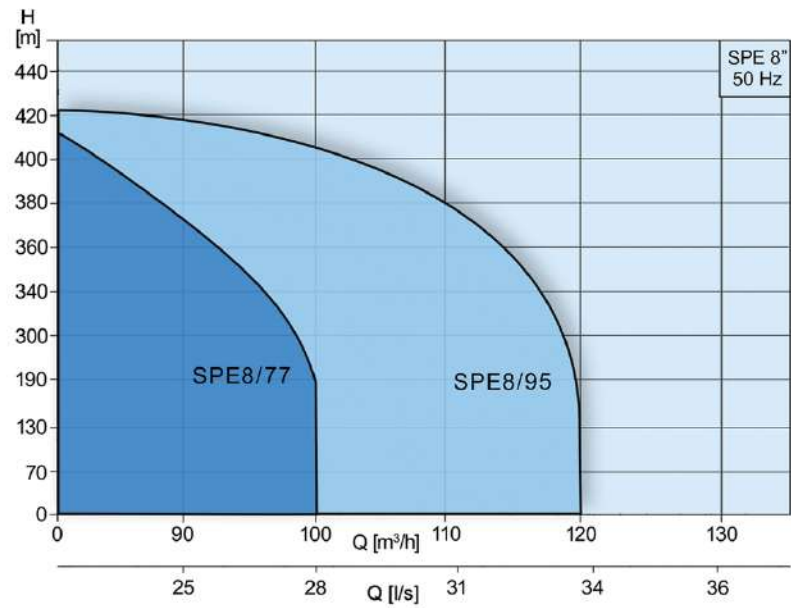
SPE 8'' Stainless Steel Electric Submersible Pump Series



The SPE8 electric submersible pump, designed for high flow and head, is made entirely of AISI304 stainless steel. Suitable for lifting clean water in wells, domestic, civil and industrial applications, including water supply and irrigation systems. SPE8 also offers a great solution for application under salty corrosive water while maintaining outstanding performances under heavy-duty operations.

Technical Specifications

Capacity up to	l/s	33,3
Head up to	m	420
Power up to	kW	93



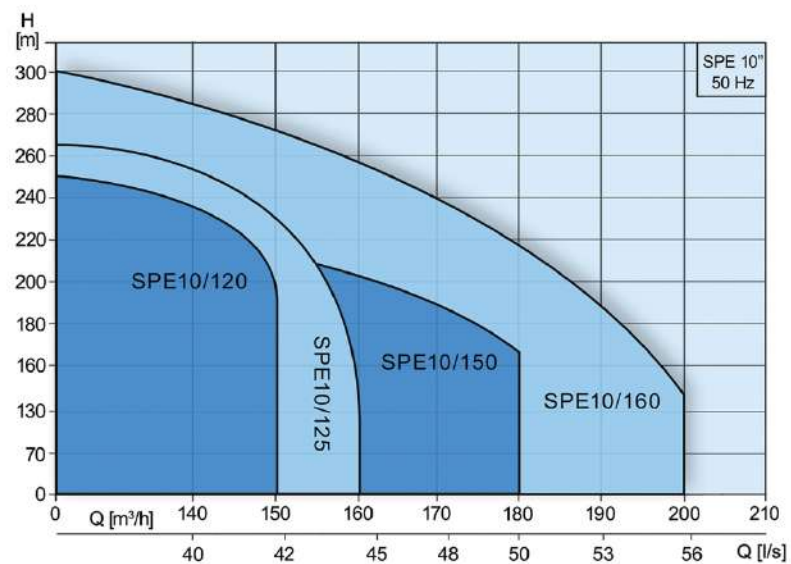
SPE 10'' Stainless Steel Electric Submersible Pump Series



SPE10 electric submersible pump, designed for very high flow and head. Suitable for lifting large quantities of clean water in wells, domestic, large industrial applications, including water supply and irrigation systems. SPE10 offers an excellent solution for high flow and trouble free operations.

Technical Specifications

Capacity up to	l/s	55,6
Head up to	m	297
Power up to	kW	110



FZA

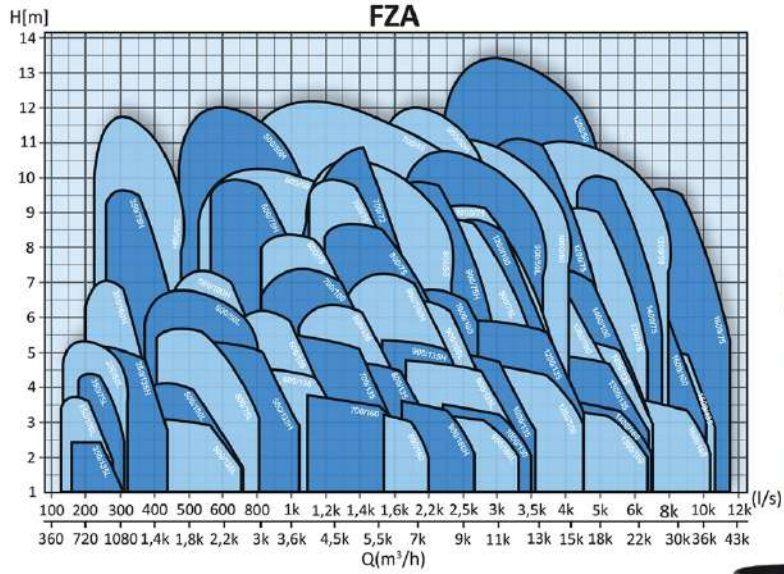
Submersible Axial Flow Pump Series



FZA series, a modern innovation of submersible axial flow pumps with adjustable impellers offers large flow capacities with high heads, high efficiencies and a wide range of applications. Ensuring a simple installation mechanism and high-efficiency, the pump greatly reduces life operation cycle costs. Suitable for applications such as flood control, drainage, irrigation and more.

Technical Specifications

Capacity up to	l/s	11.000
Head up to	m	13,4
Power up to	kW	1120



FZM

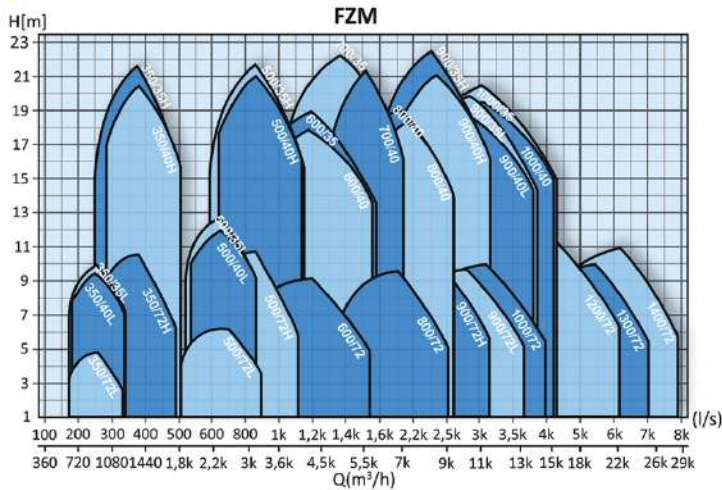
Submersible Mixed Flow Pump Series



The FZM series, a new generation of mixed flow submersible pumps designed with adjustable impellers offers large flow capacities with high heads, high efficiencies in high volume pumping, and a wide range of applications. Ensuring a simple installation and removal system, the pump greatly reduces life cycle costs operation. Suitable for applications such as flood control, drainage, irrigation and more.

Technical Specifications

Capacity up to	l/s	7.839
Head up to	m	22
Power up to	kW	900





TAC

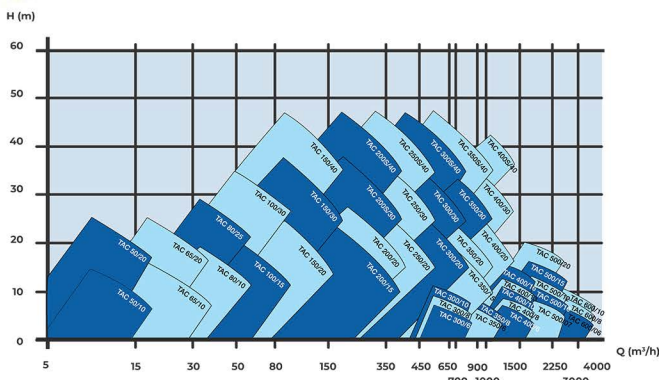
Vertical Turbine Pump Series

The TAC Vertical Turbine Pump is the innovative result of a new generation of energy-saving, featuring an advanced structure and precision-manufactured construction..

With a new generation of hydraulic impellers and diffusers, TAC pumps offer maximum advantages in the performance curve as well as a wide high-efficiency range.

Technical Specifications

Capacity up to	l/s	1388
Head up to	m	350
Power up to	kW	1600



TAZ

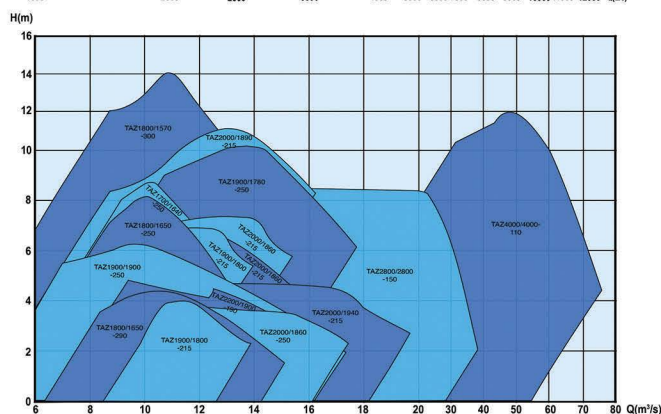
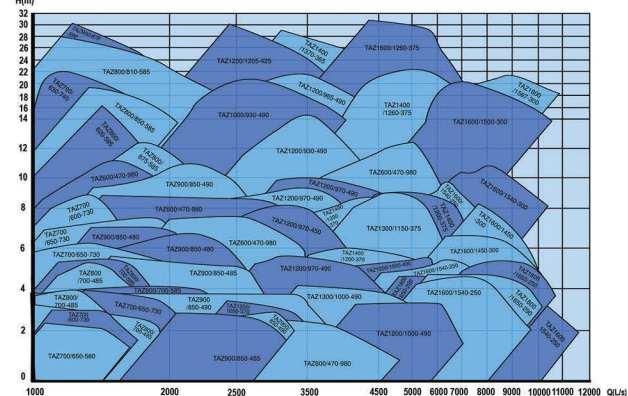
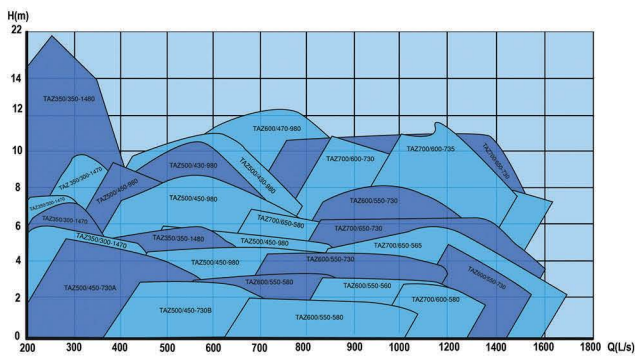
Vertical Axial Flow pump Series



The TAZ Vertical Axial Flow Pump is the best solution for pumping liquids with large discharge capacity without pump clogging. Supported by an efficient motor on top of the pump, the durability of the system guarantees optimal, efficient and reliable operation. The TAZ pump utilizes an axial propeller impeller system for high solids and sediment tolerance. solids and sediment and has been designed to site requirements to provide the highest efficiency and optimization of operating costs.

Technical Specifications

Capacity up to	l/s	80000
Head up to	m	32
Power up to	kW	7500



SURFACE



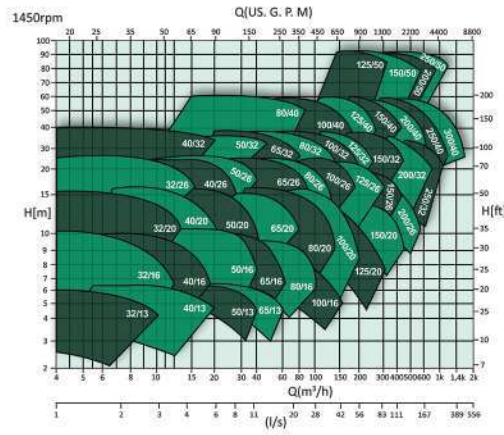
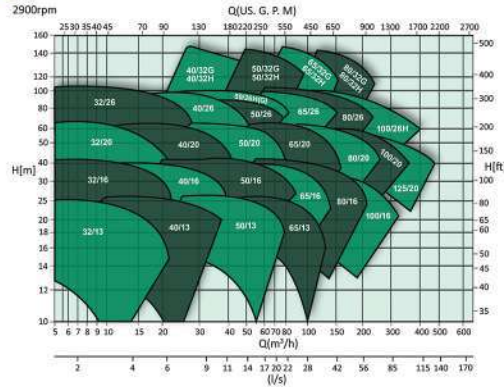
NX Horizontal End Suction Pump Series



The NX series single-stage end-suction (axial intake) pump is an energy efficient pump designed by the Triolo team. NX pumps feature advantages: perfectly distributed hydraulics, a wide application range, simple and quick maintenance, and high efficiency performances. These pumps are suitable for industrial and municipal water supply, water drainage, and widely used for agricultural irrigation, transportation of pure water or other liquids whose physical and chemical properties are similar to pure water, and the temperature/hot water is max 90° C.

Technical Specifications

Capacity up to l/s 444
Head up to m 150
Power up to kW 160



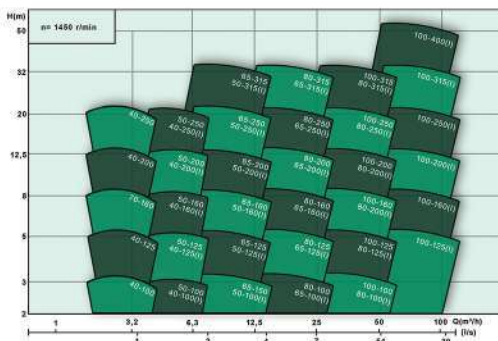
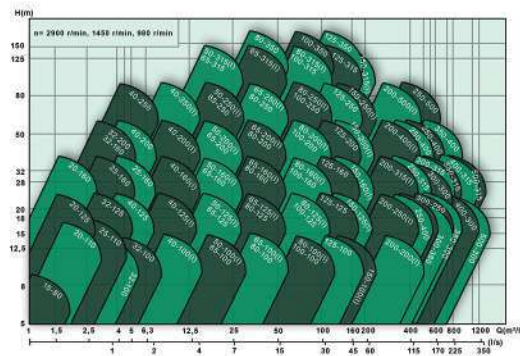
DLS Vertical Multistage Inline Pump Series



DLS series single stage centrifugal pumps are energy efficient pumps, successfully designed with the unique benefits of closed coupling pumps and strictly in compliance with ISO2858, the latest national standards and JB/T53058-93 standards. Suitable for both low to high flow applications, water supply such as drinking water, industry, hot water, infrastructure, etc.

Technical Specifications

Capacity up to l/s 350
Head up to m 156
Power up to kW 160



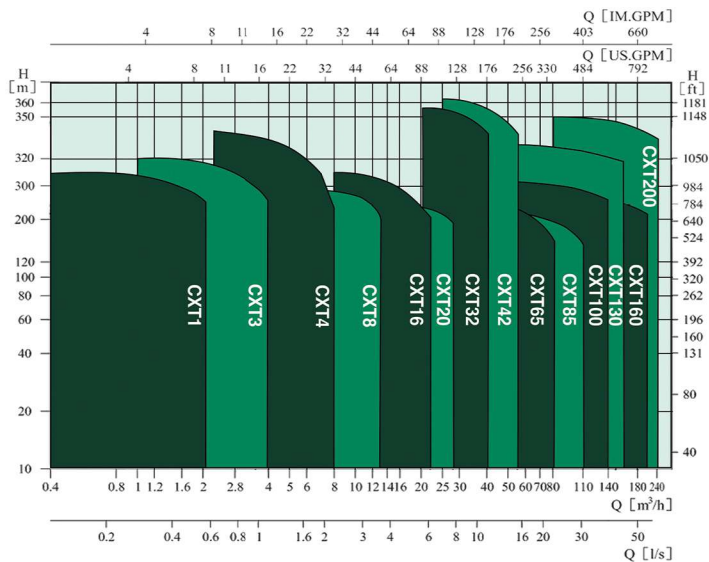
CXT Stainless Steel Vertical Multistage Pump Series



CXT is a series of vertical multistage centrifugal pumps, which are driven by efficient electric motors. The motor shaft is connected directly to the pump shaft via coupling. Pressure-resistant cylinders and Flow line components are installed between the pump head and the inlet & outlet ports with retaining bolts. The inlet and outlet are located at the bottom of the pump in the same plane. This type of pump can be equipped with smart protective devices to prevent them from working in out of phase, and overloaded conditions.

Technical Specifications

Capacity up to	l/s	67
Head up to	m	362
Power up to	kW	200

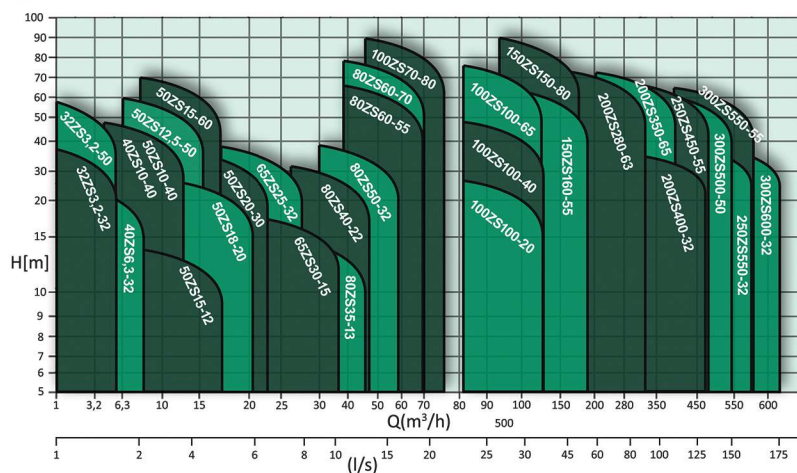


ZS Self-Priming Pump Series

The ZS series self-suction pumps are energy efficient pumps designed with international ISO standards and developed through the improvement of related technical data, both nationally and internationally using the ceramic ring mechanical seal to prevent gritty liquid from entering the sealing surface, preventing it from being scratched. This pump has the structural advantage of compactability, easy operation, stability, easy maintenance, high efficiency, high durability, strong self-suction capacity and no foot valve is required to be installed on the pipe. Only some amount of main liquid must be filled into the pump before work, improving working conditions while simplifying the piping system.

Technical Specifications

Capacity up to	l/s	175
Head up to	m	90
Power up to	kW	80



MX
Horizontal Double Suction
Split Casing Pump Series

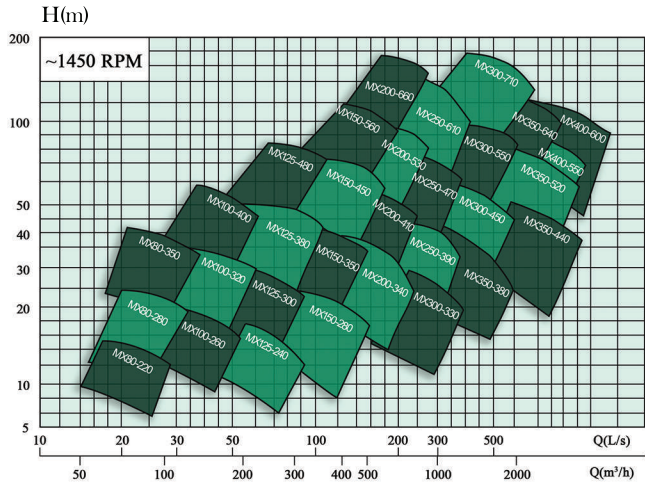


MX split casing pumps are single stage double suction high working pumps, mainly used for plant water, air conditioning, water recycling, heating systems, high-rise building water supply, irrigation and drainage pumping stations, plants, water supply system industries, fire systems, shipbuilding industries, and more.

The MX pump uses double suction technology to increase flow capacity while maintaining low power requirements; efficiency under heavy duty operations.

Technical Specifications

Capacity up to	l/s	1.511
Head up to	m	240
Power up to	kW	1.250



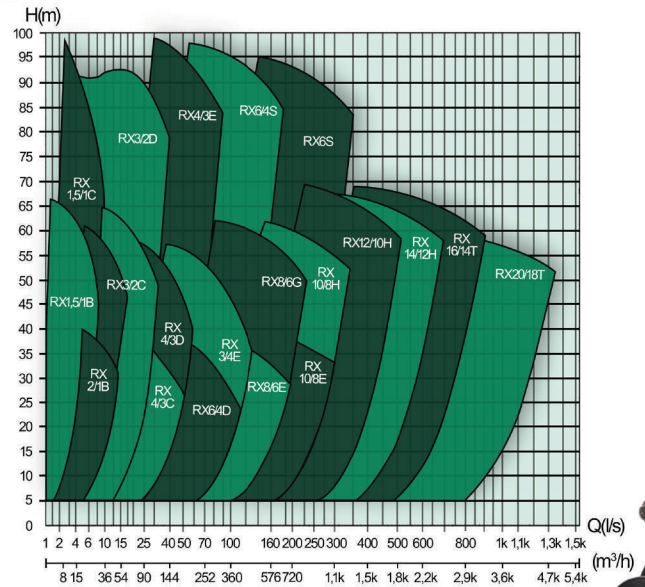
RX
Horizontal Centrifugal
Slurry Pump Series



The RX series features horizontal cantilever centrifugal slurry pumps, with compact constructions, reliable operations, and long service. It is widely used in transporting abrasive and/or corrosive slurries in mining, metallurgy, electric power, coal, and chemical industries. Especially well received by coal/chrome washing plants, mineral processing plants, and power plants. The series introduces 3 sealing options: Gland packing seal, Expeller seal and mechanical seals. RX pumps enable excellent service life and easy maintenance to offer the best life cycle costs.

Technical Specifications

Capacity up to	l/s	1.350
Head up to	m	98
Power up to	kW	1.200



SEE WAGGE



QS

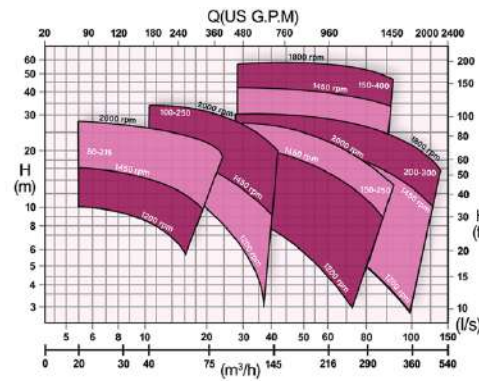
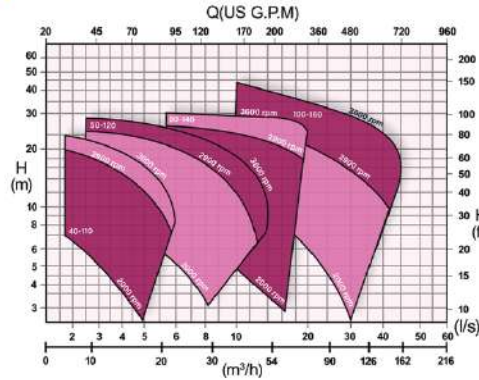
Self-Priming Sewage Pump Series

The QS self-priming pump are excellent in solids handling and abrasion resistance. These pumps can handle fluids up to a viscosity of ~50 mm²/s. They are designed with advanced maintenance hole devices and wear plates for cleaning simplicity. QS pumps have a wide application range in industrial, marine, and waste treatment pumping operations.

The QSZ series is a monoblock type of QS pump. The motor shaft is connected to the pump shaft to ensure concentricity and shorten the axial length. They are especially useful when one or more of the following are required; self-priming, solids handling, resistance to abrasion or corrosion,

Technical Specifications

Capacity up to	l/s	140
Head up to	m	58
Power up to	kW	50



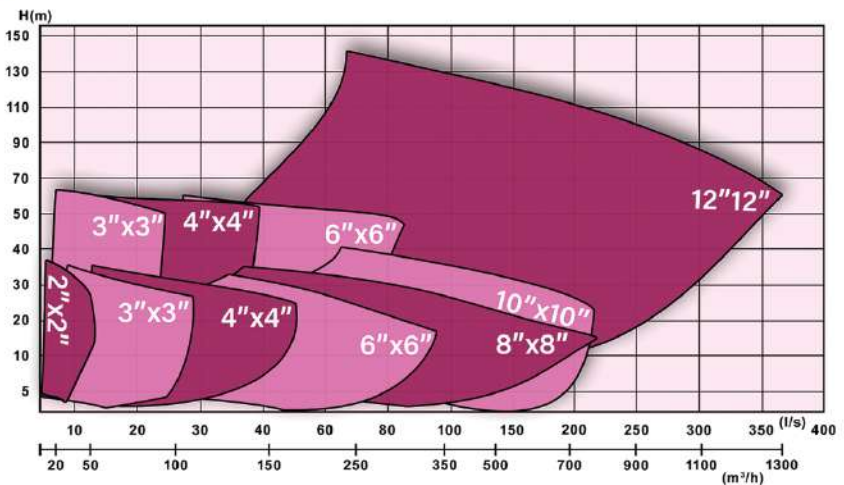
TS

Self-Priming Trash Pump Series

The TS series, self-priming anti-clogging centrifugal trash pumps are one of the latest generational products based on technology and craftwork from the USA. It is designed for economical & trouble-free operations in handling liquids and other solid particles.

Technical Specifications

Capacity up to	l/s	361
Head up to	m	140
Power up to	kW	200



G+ 50

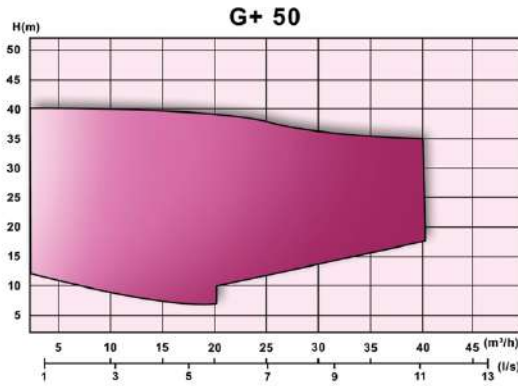
Submersible Sewage Pump Series



The G+ DN50 series submersible sewage pumps are high efficiency pumps for draining wastewater. Suitable for civil works applications, buildings, industry, hotels, hospitals, air defense, mines, and others. The G+ series can drain wastewater, rainwater and water containing solid grains and various types of fabrics.

Technical Specifications

Capacity up to	l/s	11
Head up to	m	40
Power up to	kW	7.5



G+ 65-200

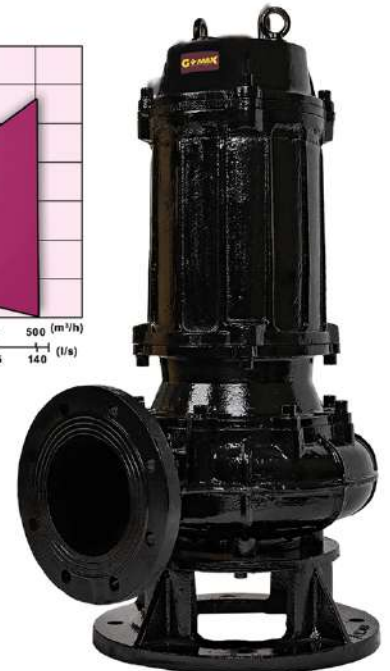
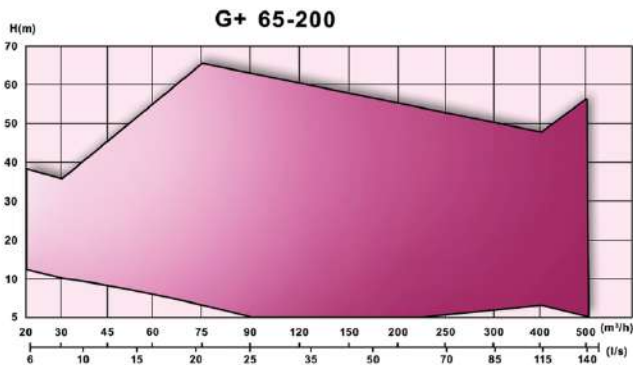
Submersible Sewage Pump Series



The G+ DN65-200 series submersible sewage pumps are high efficiency pumps for draining wastewater. With an efficient motor and double channel and vortex impeller options, the G+ pumps can channel wastewater continuously and silently. Suitable for civil works applications, buildings, industry, hotels, hospitals, air defense, mines, and others. The G+ series can drain wastewater, rainwater and water containing solid grains and various types of fabrics.

Technical Specifications

Capacity up to	l/s	140
Head up to	m	65
Power up to	kW	90



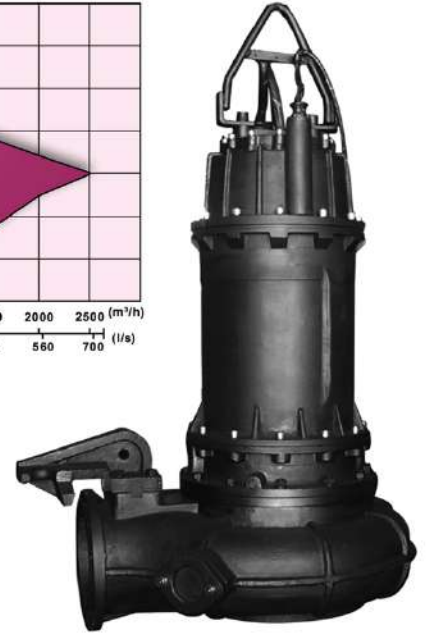
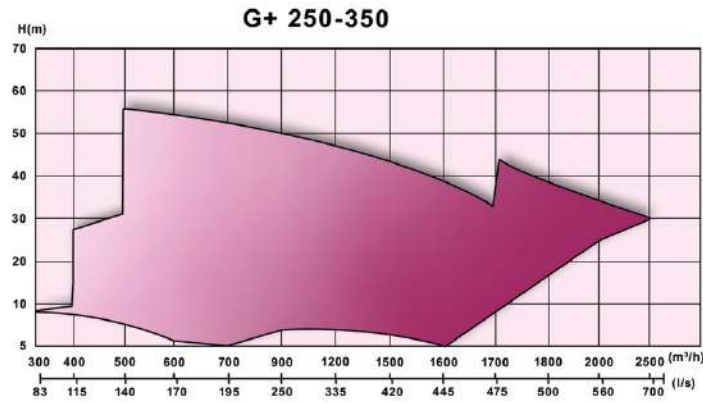
G+ 250-350
Submersible Sewage
Pump Series



Designed for high flow, the G+ DN250-350 series submersible sewage pumps are high efficiency pumps for draining wastewater. With an efficient motor and the option of double channel and vortex impeller, the G+ pump can channel waste and liquids with high concentration of solids continuously. Suitable for application civil works, building, industry, hotels, hospitals, air defense, mines, and others. The G+ series can drain wastewater, rainwater and water containing solid grains and various types of fabrics.

Technical Specifications

Capacity up to	l/s	700
Head up to	m	55
Power up to	kW	355



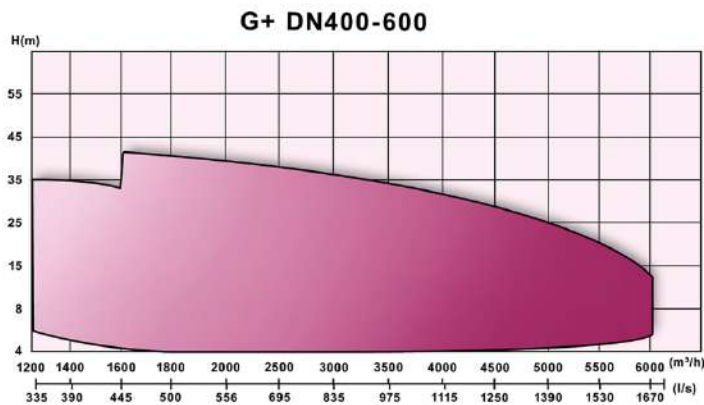
G+ 400-600
Submersible Sewage
Pump Series



Designed for the highest flow rates, the G+ DN400-600 series submersible sewage pumps are high efficiency pumps for draining wastewater. With an efficient motor and the option of double channel and vortex impellers, the G+ pumps can channel waste and liquids with solids of high concentration in high volumes continuously. Suitable for civil works, building, industrial, air defense, mines, and others. The G+ series can drain wastewater, rainwater and water containing solid grains and various types of fabrics.

Technical Specifications

Capacity up to	l/s	700
Head up to	m	42
Power up to	kW	315



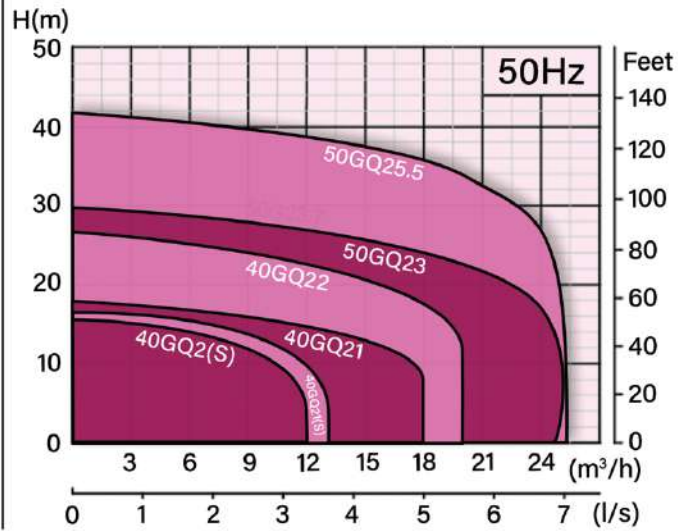
GQ+ Shredder Sewage Pump Series



Equipped with a grinding mechanism located in the pump inlet line, GQ+ pumps can cut suspended solids in the waste/liquid stream into small pieces to be pumped out by the vortex impeller without fear of logging in the drain pipe.

Technical Specifications

Capacity up to	l/s	7
Head up to	m	42
Power up to	kW	5,5



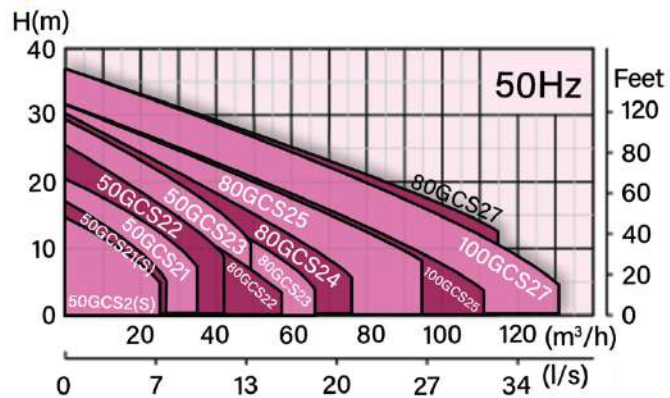
GC+ Cutter Sewage Pump Series



Designed with a unique spiral structure and sharp blades, GC+ series impellers have efficient hydraulic performance and great cutting performances. Waste materials such as cotton cloth and fiber cloth can easily pass through the pipe after being cut into pieces.

Technical Specifications

Capacity up to	l/s	36
Head up to	m	38
Power up to	kW	7,5



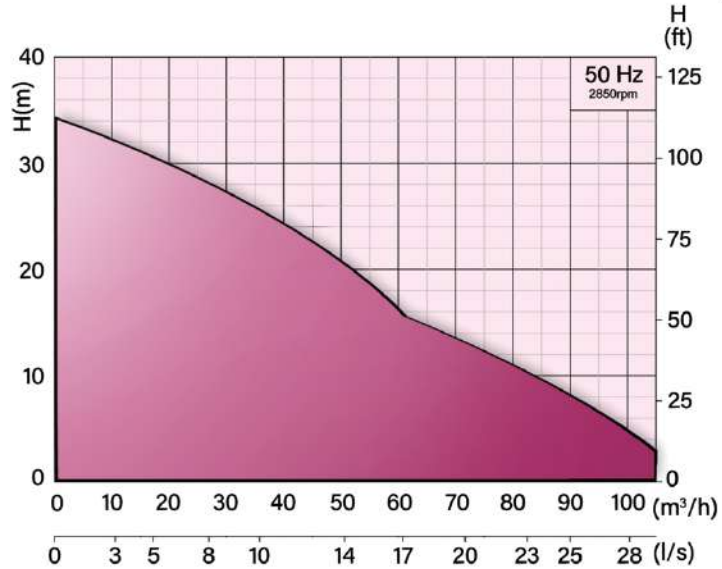
D
Drainage
Pump Series



The D series motor and pump body are made of hard cast iron for high durability and a long service life. An increase in the maximum immersion depth is achieved due to the mechanical seal being resistant to high pressures. With a semi-open impeller made of high chrome alloy that fits perfectly into the wear ring (elastic seal), the pumps obtain high durability. Motor cooling is very effective due to the exhaust duct removing part of the motor housing. The pump can operate automatically with an intelligent built in control system, thus making energy costs low.

Technical Specifications

Capacity up to	l/s	29
Head up to	m	34
Power up to	kW	5,5

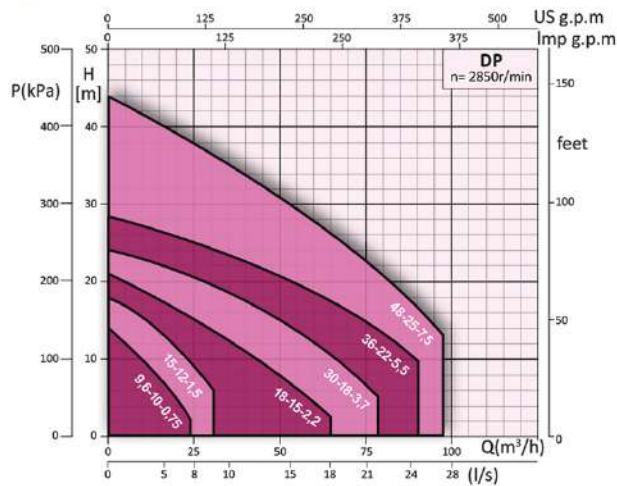


DP
Drainage Sewage Pump Series

The DP series features modern rapid solutions for drainage and sewage systems for a wide range of applications including construction drainage, wastewater, mines, cities and more. With a durable construction, the pump offers a long service life with minimal maintenance. Featuring a high end motor protection, a higher level of reliability and durability is achieved.

Technical Specifications

Capacity up to	l/s	27
Head up to	m	44
Power up to	kW	7,5



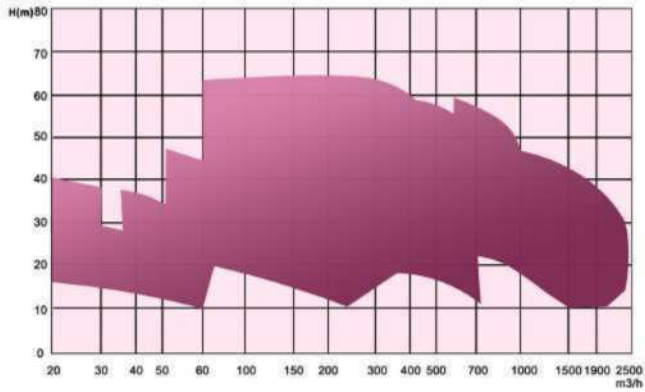
GX+ Submersible Dredge Pump Series



The GX series submersible dredge pump is a high endurance pump for conveying liquids containing abrasive materials or a high solids concentration. With an efficient motor, advanced impeller, and high solid clearance, the GX pump can deliver solid liquids continuously with silent operation. Suitable for mining applications, power plants, infrastructure, etc.

Technical Specifications

Capacity up to	l/s	667
Head up to	m	63
Power up to	kW	315



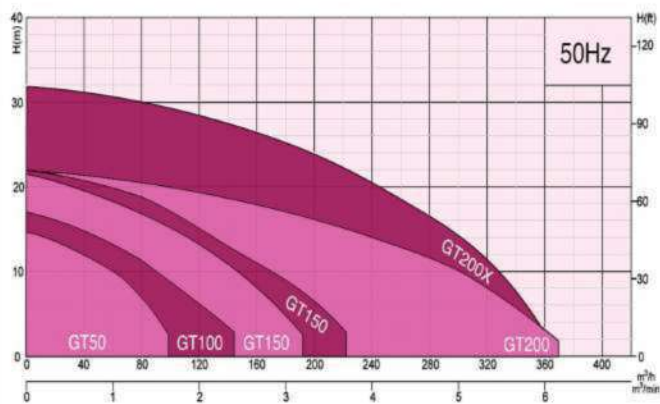
GT+ Submersible Slurry Pump Series



The GT series submersible slurry pump is a high endurance pump with a built-in agitator for delivering slurry liquids containing concentrated solids such as sand. With an efficient motor, advanced agitator and high solid clearance, the GT pump can deliver slurries continuously and quietly. Suitable for civil applications, sewage, infrastructure, mining, etc.

Technical Specifications

Capacity up to	l/s	103
Head up to	m	32
Power up to	kW	22



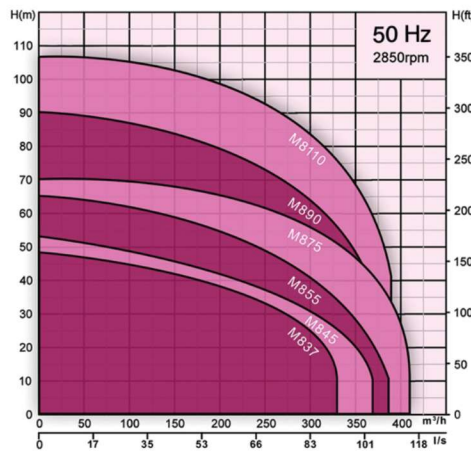
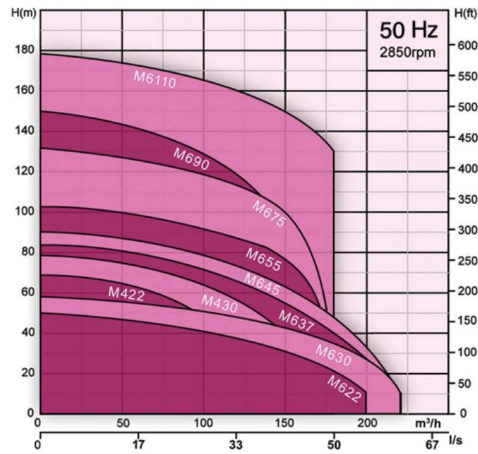
M
Submersible Drainage
Pump Series

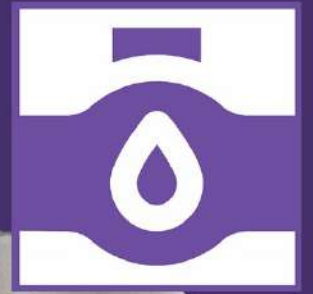


The M series pump motor and pump body are made of hard cast iron for a long-lasting durable service life. An increase in the maximum immersion depth is achieved due to the mechanical seal being resistant to high pressures. The pump is equipped with a hydraulic section under the motor and the motor is automatically cooled by the pumped water for safe operation. The pump is also equipped with a hermetically sealed motor.

Technical Specifications

Capacity up to	l/s	113
Head up to	m	178
Power up to	kW	110





TRI
OLO

GCB

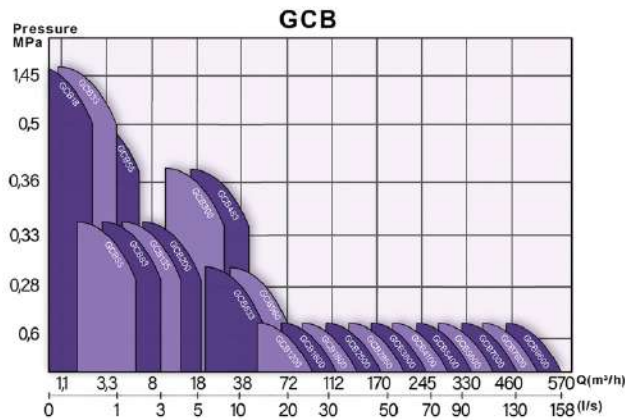
Gear Pump Series

GCB oil delivery pumps are compatible for transferring various types of oils such as crude oil, diesel, lubricating oil, etc. If equipped with copper gears, the pump can transfer low flash point fluids such as gasoline, benzene, etc.

The pump can handle medium temperatures up to 70°C. For versions that support high temperatures, the pump only requires a material change to high temperature resistant materials. For these versions of the pumps, the temperatures can reach up to 300°C with the viscosity up to $5e^{-6} \sim 1.5e^{-3} \text{ m}^2/\text{s}$.

Technical Specifications

Capacity up to	l/s	158
Pressure up to	MPa	1,45
Power up to	kW	250



NQX

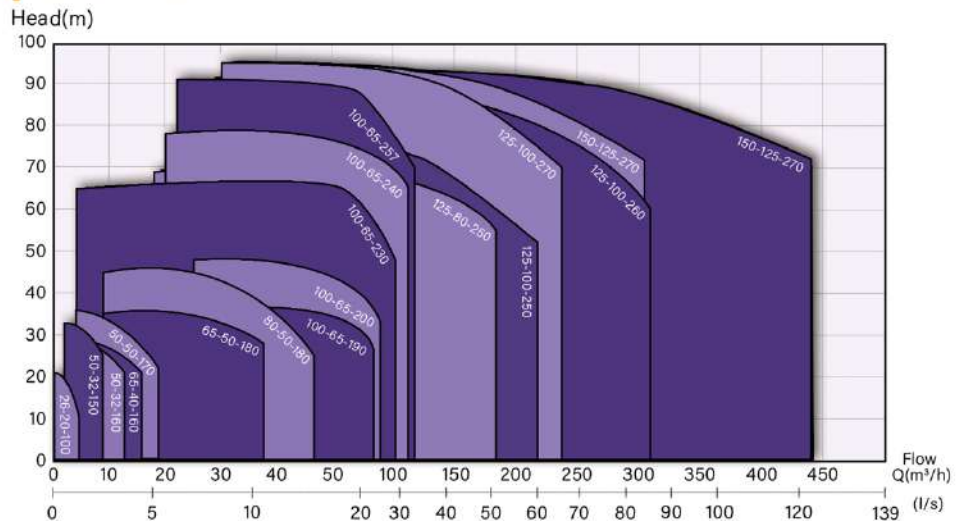
Hot Oil Pump Series

NQX thermal oil pumps are our new design of hot oil pumps. The main pump body is a cantilever structural support single-stage, and single-suction construction. The pump enables an axial direction suction intake and an upright center output with the pump attached to the baseframe, coupled with a motor.

NQX thermal oil pumps adopt the double-pointed ball bearing structure technology, where the front side operates with lubricating oil, and the rear with a grease lubricant. The pump includes a conductive oil pipe, to observe the conditions of the seal and to recycle the heat-conductive oil. Adopting a self-heat emitting system, replacing the traditional water cooling system, the pump structure is simple, small in size, and power efficient.

Technical Specifications

Capacity up to	l/s	122
Head up to	m	95
Power up to	kW	132



QCS

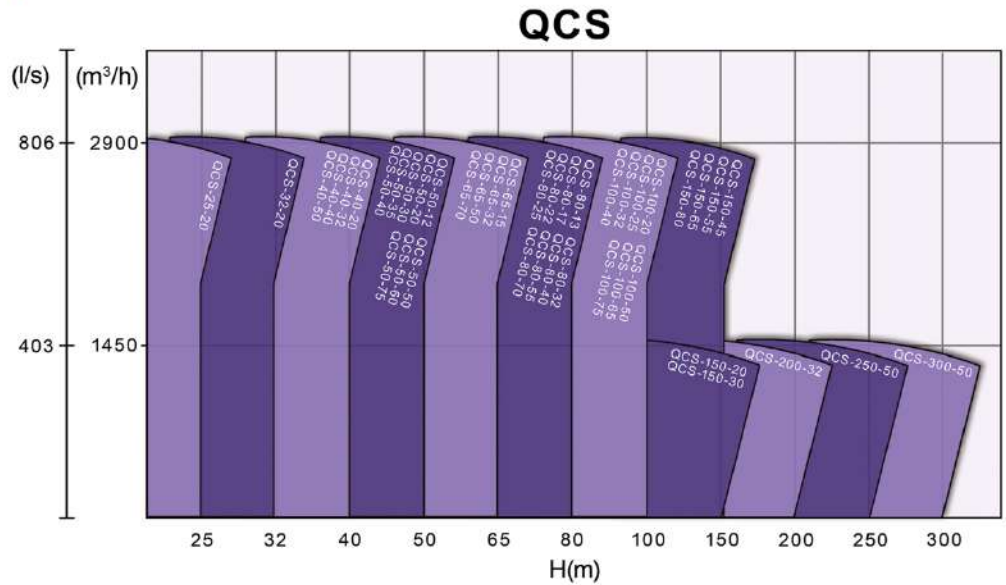
Self-Priming Oil Pump Series

QCS self-priming centrifugal oil pumps offer reliable operations in sectors such as oil depots, refueling stations, oil tankers, oil ships, docks, tankers and airports to deliver; gasoline, kerosene, diesel oil, coal etc.

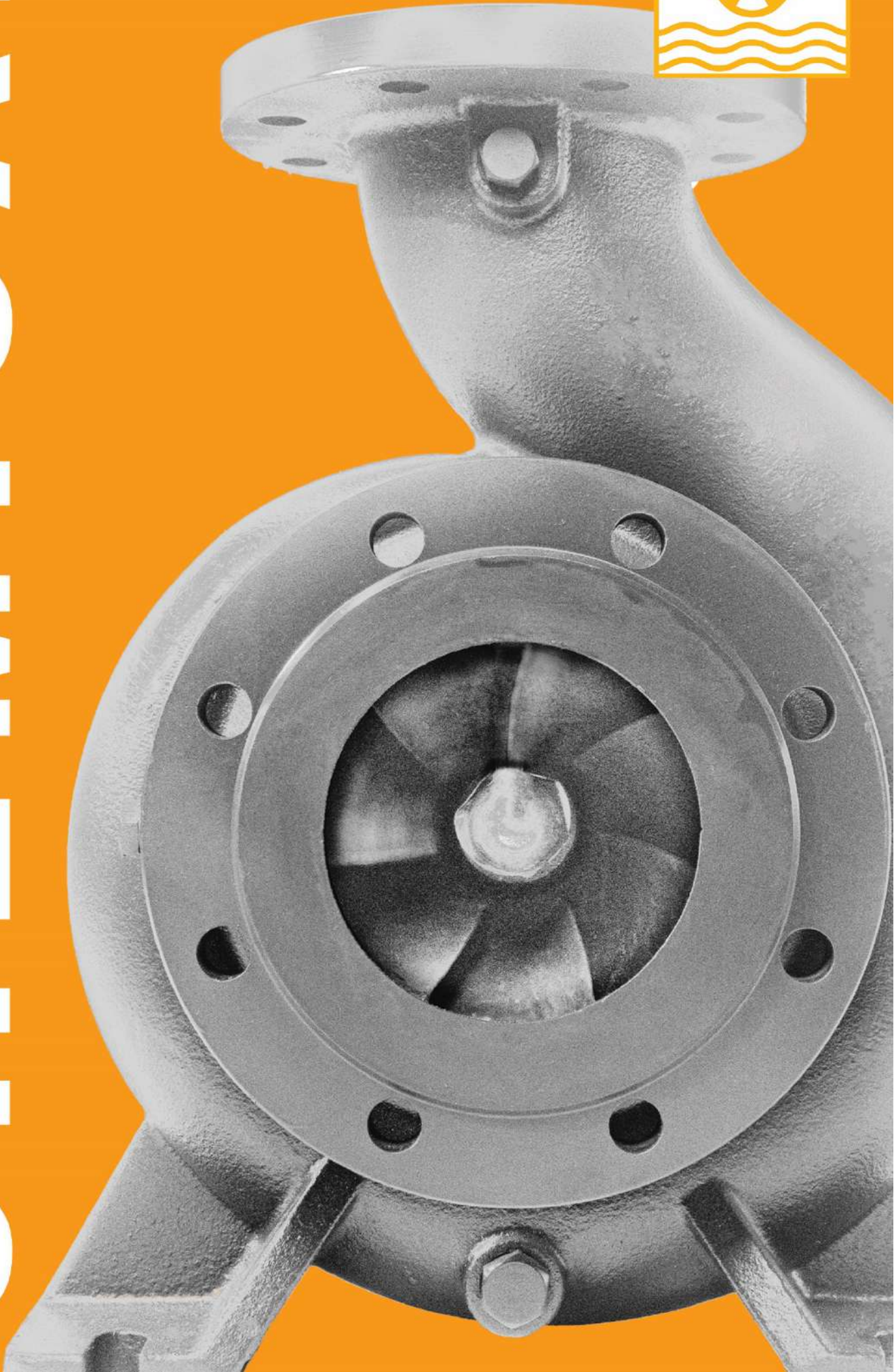
Anti-corrosion mechanical seals and stainless steel materials are used for the transmissions with medium temperatures between -20°C to 80°C, viscosity properties <100centipoise, and solid contents below 30% in chemicals. Typically implemented in pharmaceutical, brewing, electroplating, printing and dyeing, papermaking, electric power, mining sectors.

Technical Specifications

Capacity up to	l/s	806
Head up to	m	330
Power up to	kW	500



CHEMICAL



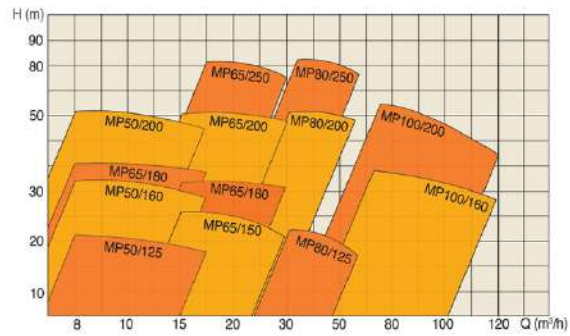
MP

Magnetic Drive Centrifugal Chemical Pump

The MP series features horizontal sealless centrifugal pumps with permanent magnetic couplings, compliant with ISO, ASME and ANSI standards for emission-free operations. They are designed without Teflon coating or seals to avoid leakage. By using a mixture of PTFE and FEP, the pumps can deliver high and low concentration acids, alkalis, strong oxidizing agents, and corrosive liquids. MP pumps are efficient, reliable and economical to use.

Technical Specifications

Capacity up to	l/s	33
Head up to	m	82
Power up to	kW	18.5



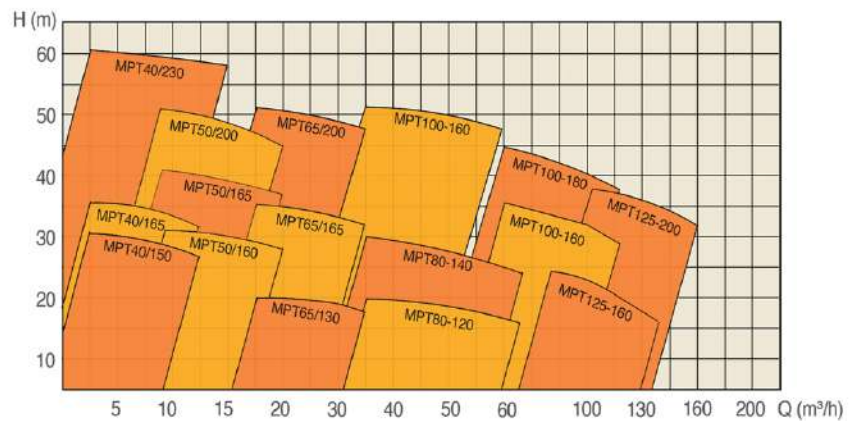
MPT

Teflon lined Magnetic Drive Pump

The MPT pump series features horizontal sealless teflon-coated centrifugal pumps with permanent magnet couplings, in accordance to ASME B73.3-2003 standards. The pump utilizes a sealless shaft design to avoid leakage, enabling high efficiency levels and silent operations. The pump is equipped with a Pull-Back system for easy maintenance without having to remove pipes or flanges. It is suitable for applications with volatile, flammable, aggressive, explosive and/or poisonous chemical materials.

Technical Specifications

Capacity up to	l/s	44
Head up to	m	62
Power up to	kW	37



NXT

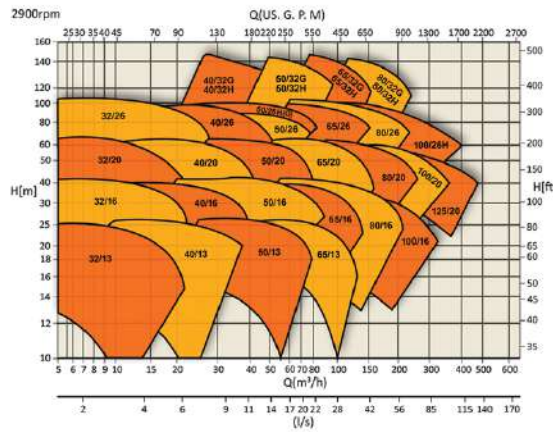
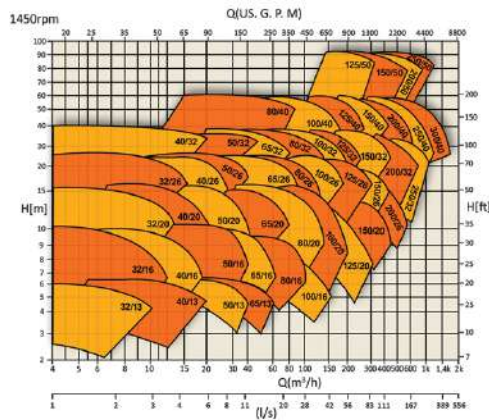
Stainless Steel Centrifugal Chemical Pump



The NXT series features stainless steel centrifugal pumps with an axial suction connection and radial discharge connection. The pump shaft has a mechanical seal suitable for chemicals assisted by anti-friction bearings. The pump can easily be coupled to electric motors or internal combustion engines via a flexible coupling or carbon shaft transmission.

Technical Specifications

Capacity up to	l/s	444
Head up to	m	150
Power up to	kW	160





WHY CHOOSE TRIOLO ?



Pioneering pump innovation is our core value

Here at Triolo, innovation towards systems that are dependable, sustainable and efficient are the values we conduct sincerely. Our passion drives us to continue to contribute in innovative and sustainable ways.

In an effort to provide reliable and efficient pumping systems for the world, Triolo studies pump cases, innovates and designs reliable pumps for your needs and the world.



◆ Sales & Service

Triolo is trusted for our responsibility, time efficiency, and careful transportation. Whether it's individual or industrial work, light duty or heavy duty, we have all pumps ready for the job.

◆ Pre-Sales Service

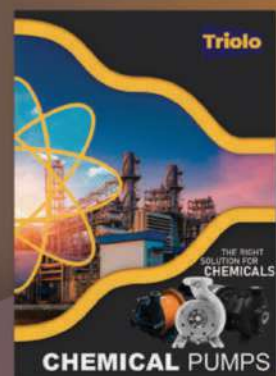
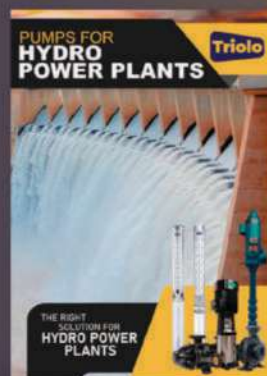
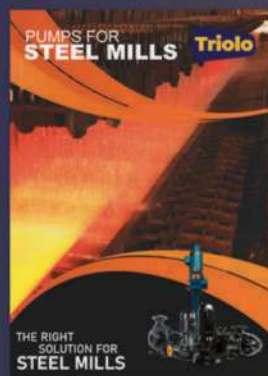
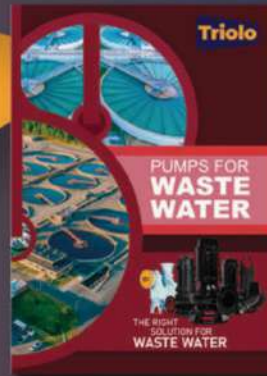
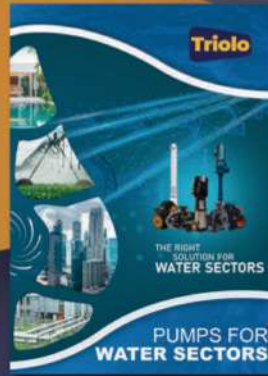
The success of a pumping system is highly dependent on the pre-planning of the entire system including pumps, piping, electrical units, and more. Triolo therefore, offers a wide range of services for pre-purchase and pre-installation consultations for project planners ensuring the safe installation and operation of pumps.

◆ Our Commitment

Triolo team incorporates a 24/7 REACH READY service as a special service for technical problems that are being experienced by end users with Triolo pumps. The Triolo team is ready to help with installation problems, inspection, maintenance, and retirement of the pump.



MARKET & PUMP SECTORS



Designed for **PERFORMANCE**

3 QUALITY
EFFICIENCY
DURABILITY

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