

Technology, that sets standards

Product Profile



High pressure multistage barrel casing pump CHTR 5/9 under testing.

Our manufacturing network



Energy Pumps Division, Kesurdi, Khandala (2017)



Irrigation & Process Pumps Division, Pune (1960)



Power Projects Division, Chinchwad (1978)



Standard Pumps Division, Sinnar (1994)



Valves Division, Coimbatore (1987)



Foundry Division, Vambori (1974)

KSB Pumps, Valves & Systems - **The heart of your system**

Fluid is one of the most dynamic elements of nature. Whenever there arises a need to harness this vibrant energy, KSB provides the ultimate technology. Wherever the task, whatever the expectations, KSB yields a free flow of solutions. Right from transportation and distribution of water, waste water and industrial fluids, to thermal and air-conditioning system needs. KSB regulates every element to perfection, economically, efficiently and reliably. A technology leader offering total fluid dynamics and handling solutions, KSB specialises in high-quality customer care. Support that is extended through consultation, planning, installation, maintenance and round the clock back-up. While KSB pumps gush out a free flow to success, KSB valves monitor and ensure the success. Today, KSB specialises in customising products, systems, services and solutions to conquer the most dynamic elemental force in the world.



Etaline

SICCA® 900-2500
Type GLC

moviBOOST V



KSB - A One-Stop Technology Shop

A comprehensive range of KSB pumps and valves are manufactured from the facilities of KSB Pumps Limited spread over six centres in India... each facility dedicated to a product line. In-house design and manufacture of jigs, fixtures and dies under strict tolerances, ensure that the highest levels of quality are maintained. An ISO 9001 & ISO 14001 organisation, KSB in India has systematised concurrent production of dissimilar components. All components, each with different specifications, flow through the computer-controlled manufacturing process. A systematised solution by KSB involves more than merely designing and building the right pump and valve to meet the exacting demands of a variety of customers.

All the pumps and valves are offered to the market through a very wide distribution network comprising of 4 zonal offices, 15 branch offices, over 800 authorised dealers, 4 service stations, over 200 authorised service centres and 21 godowns... All this to ensure, that for every KSB pump and valve in use, there is a KSB sales and service outlet around the corner.

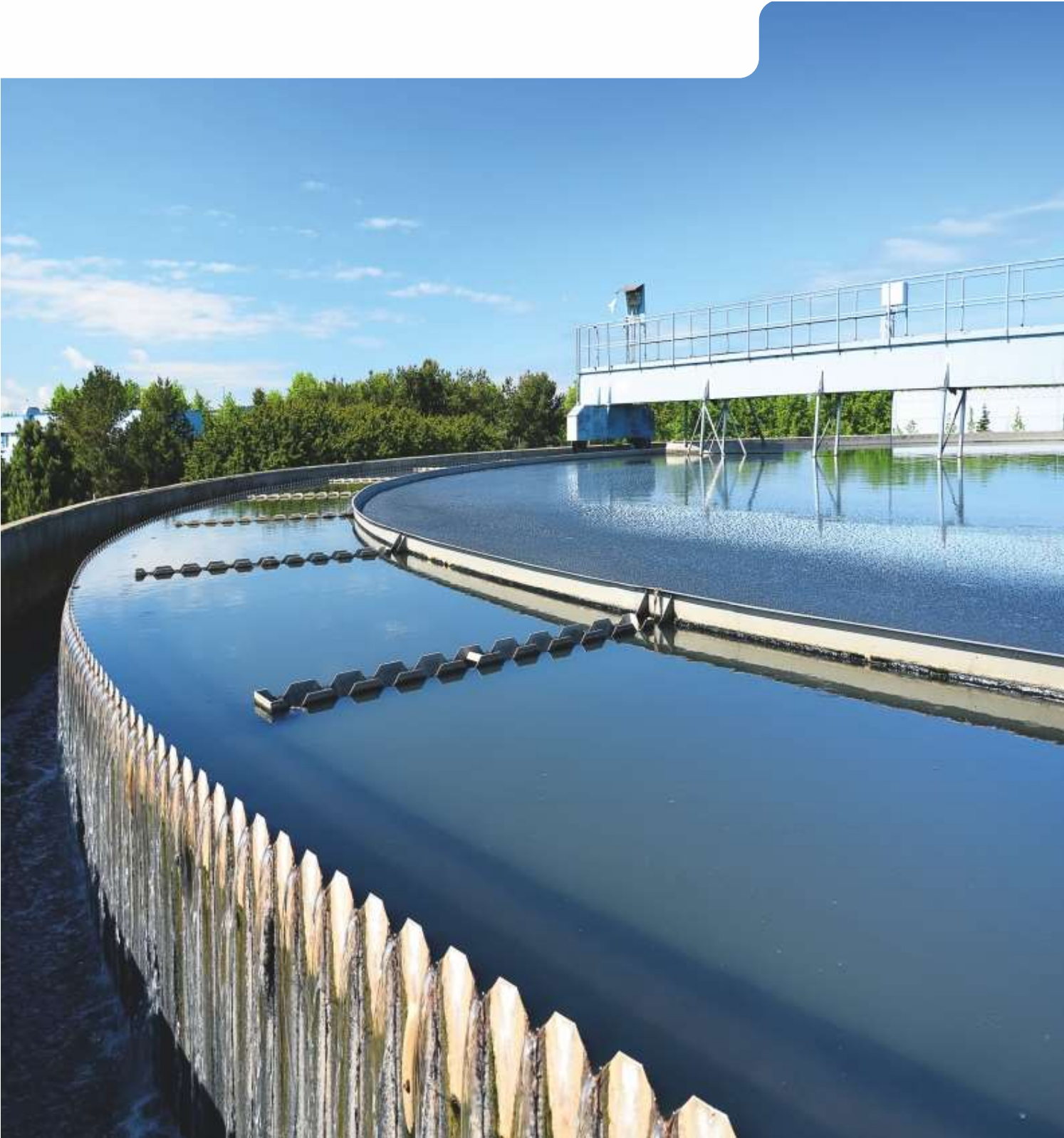
KSB not only engineers state-of-the-art pump and valve technology but also strives to provide an air-tight array of service around pumps and valves. KSB stands by its customers all along, through the entire implementation of a project, offers continuous after-sales service and undertakes a variety of service contracts and energy audits to provide optimum and cost effective solutions.

At KSB, the relation with the customer is an ongoing partnership, continuing beyond product commissioning. Regular tailor-made training sessions are held, in-house and at the customers' sites, to acquaint them with selection, operation and maintenance to get the best from KSB pumps and valves.

All this has been made possible by the commitment and dedication of the collective strength of about 2000 strong team who firmly believe that rewards come through the success of a client's project.



**Pumps for water, waste water treatment,
sewage handling & industrial applications**



Pumps for water, waste water treatment, sewage handling & industrial applications

Product & it's operating range

Ama® Drainer



| | |
|-------------|---------------|
| Pump Size | 32 mm |
| Capacity | up to 230 lpm |
| Head | up to 12 m |
| Motor | in 1Ø 0,5 kW |
| Temperature | up to 40°C |

Construction and applications

Ama-Drainer 300 series
Vertical fully floodable submersible motor with In built swing check valve. Jacket cooled single phase motor with integrated temperature switch. Float switch for automatic operation.
Suitable for lowering surface water level, transfer of water, agricultural pits, & sprinklers in gardens, drainage of cellars/ basin

Ama® Porter



| | |
|--------------|----------------------------------------|
| Pump Size | 50 mm |
| Capacity | up to 480 lpm. |
| Head | up to 15 m |
| Motor Rating | up to 1.1 kW (1Ø) up to 1.5 kW (3Ø) |
| Temperature | up to 40°C |

Vertical, monobloc pumpset, free flow impeller of two sizes, 1Ø and 3Ø motors with IP 68 protection, 1Ø motor with built-in thermal overload protection and float switch, bi-directional mechanical seal.
Suitable for pumping surface water, rain water, waste water containing solids, drainage of sumps liable to flood, agricultural pits and canals.

MONOSUB REG D



| | |
|--------------|---------------|
| Pump Size | up to 50 mm |
| Capacity | up to 733 lpm |
| Head | up to 30 m |
| Motor rating | up to 3.7 kW |
| Temperature | Ambient |

Single stage, submersible centrifugal pumps of closed coupled (monobloc) construction.
For De-watering pumps for storm water and rain water pumping applications

Amarex IN, KRTU



| | |
|--------------|------------------------------|
| Pump Size | 65 & 100 mm |
| Capacity | up to 200 m ³ /hr |
| Head | up to 49 m |
| Motor Rating | up to 9.5 kW |
| Temperature | up to 80°C |
| Speed | up to 2900 rpm |

Single stage, submersible, centrifugal pumps of closed coupled (monobloc) construction.
Amarex IN pumps are suitable for handling waste water transport, storm water transport, waste water treatment etc.
KRTU pumps are suitable for handling municipal and industrial waste water. 3 types of impellers available to suit a variety of needs - E (single vane), K (non-clog two channel) & F (free flow) in transportable and stationary installation.

KRT, KRTE



| | |
|--------------|--------------------------------|
| Pump Size | up to 350 mm |
| Capacity | up to 3000 m ³ /hr. |
| Head | up to 60 m |
| Motor rating | up to 165 kW |
| Temperature | up to 40°C |

Single stage, submersible centrifugal pumps of closed coupled (monobloc) construction.
For pumping all types of sewage, and effluent in water treatment and industry, especially untreated sewage, with long fibers and solid substances, liquids containing air and gas as well as raw, activated and digested sludge.

Pumps for water supply, transport and treatment for industrial, municipal and building services applications



Pumps for water supply, transport and treatment for industrial, municipal and building services applications

Product & it's operating range

Construction and applications

KWP



| | |
|-------------|--------------------------------|
| Pump Size | 65 to 250 mm |
| Capacity | up to 1300 m ³ /hr. |
| Head | up to 100 mtrs. |
| Pressure | up to 10 bar |
| Temperature | -30 to 250°C |
| Speed | up to 2900 rpm |

Horizontal, end suction pump in back pull-out design with radial flow impellers of single, double, or multivane, closed or semi-closed type.

Suitable to handle contaminated fluids, sludges, slurries, fluids containing ad-mixture and thick stock of all kinds having consistency up to 3%.

MEGA



| | |
|------------------|-------------------------------|
| Pump Size | 32 to 150 mm |
| Capacity | up to 540 m ³ /hr. |
| Head | up to 100 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 160°C |
| Speed | up to 3600 rpm |

Horizontal, end suction, centrifugal, radially split volute casing pumps in back-pull-out design fitted with single stage radial impeller.

Suitable for handling clear liquids in applications for water supply, irrigation, air-conditioning, fire fighting, auxiliary process in paper, cellulose, sugar, food and textile industries.

Etanorm G



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 660 m ³ /hr. |
| Head | up to 160 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 140°C |
| Speed | up to 2900 rpm |

Horizontal, end suction, centrifugal, radially split volute casing pumps in back-pull-out design fitted with single stage radial impeller.

Suitable for general water supply, sprinkling, irrigation, booster plants, circulation of warm, hot and cooling water, delivery of condensate and boiler-feed water and fire fighting applications.

Etabloc



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 640 m ³ /hr. |
| Head | up to 160 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 140°C |
| Speed | up to 2900 rpm |

Compact, horizontal, end suction, centrifugal, radially split volute casing pumps in monobloc construction.

Suitable for general water supply, sprinkling, irrigation, booster plants, circulation of warm, hot and cooling water, delivery of condensate and boiler-feed water and fire fighting applications.

Etaline



| | |
|------------------|-------------------------------|
| Pump Size | 32 to 200 mm |
| Capacity | up to 700 m ³ /hr. |
| Head | up to 95 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 140°C |
| Speed | up to 2900 rpm |

Centrifugal, radially split in-line pumps in monobloc construction. Can be mounted horizontally or vertically. Flanges are drilled to ASME or EN standard. Suction and delivery sizes are common and hence no need of expander.

Suitable for fire fighting, air conditioning, industrial recirculation, HVAC systems etc.

Pumps for water supply, transport and treatment for industrial, municipal and building services applications

Product & it's operating range

Construction and applications

MOVI



| | |
|------------------|------------------------------|
| Pump Size | 32 mm |
| Capacity | up to 18 m ³ /hr. |
| Head | up to 400 m |
| Discharge press. | up to 40 bar |
| Temperature | -10 to 140°C |
| Speed | up to 2900 rpm |

Horizontal, radially split, ring section, multi-stage pumps with radial impellers.
Suitable for general water supply, sprinkling, irrigation, booster plants, circulation of warm, hot and cooling water, delivery of condensate and boiler-feed water and fire fighting applications.

WK, WL, WKS, WKFI



| | |
|------------------|-------------------------------|
| Pump Size | 40 to 150 mm |
| Capacity | up to 630 m ³ /hr. |
| Head | up to 780 m |
| Discharge press. | up to 63 bar |
| Temperature | up to 230°C |
| Speed | up to 4500 rpm |

Horizontal, radially split, ring section, high pressure multi-stage pumps with radial impellers.
Suitable for water works, irrigation, sprinkler, installations, boiler-feed applications, condensate extraction, fire fighting and generating high pressure water used in hydraulic presses and descaling plants.

WKL



| | |
|------------------|------------------------------|
| Pump Size | 40 mm |
| Capacity | up to 27 m ³ /hr. |
| Head | up to 250 m |
| Discharge press. | up to 28 bar |
| Temperature | up to 140°C |
| Speed | up to 2900 rpm |

Horizontal, radially split, ring section, multi-stage pumps with radial impellers.
Suitable for water works, irrigation, sprinkler installations, boiler-feed applications, condensate extraction, fire fighting and generating high pressure water used in hydraulic presses and descaling plants.

Multitec



| | |
|-------------|-------------------------------|
| Pump Size | 32 to 150 mm |
| Capacity | up to 850 m ³ /hr. |
| Head | up to 630 mtrs. |
| Pressure | up to 63 bar |
| Temperature | -10 to 200°C |
| Speed | up to 4000 rpm |

Centrifugal, ring section, multi-stage pumps in modular design for handling pure and slightly aggressive media.
Suitable for water works, irrigation and boiler feed applications.

HDA, HDB



| | |
|-------------|-------------------------------|
| Pump Size | 40 to 150 mm |
| Capacity | up to 576 m ³ /hr. |
| Head | up to 2245 mtrs. |
| Pressure | up to 230 bar |
| Temperature | up to 200°C |
| Speed | up to 5500 rpm |

Horizontal, high pressure multi-stage pumps with ring section casing and radial single entry impellers.
Suitable for boiler-feed applications and in high pressure hydraulic circuits for coke cutting, descaling and municipal water supply.

Pumps for water supply, transport and treatment for industrial, municipal and building services applications

Product & it's operating range

Construction and applications

Omega



| | |
|--------------------|-------------------------------|
| Pump Size | DN 80 to 300 mm |
| Capacity | up to 900 m ³ /hr. |
| Head | up to 105 mtrs. |
| Pressure | up to 25 bar |
| Temperature | Up to 80°C |

Centrifugal, horizontal split casing pumps with double entry impeller design.
Suitable for general water works, pumping stations, power stations, industrial water supply etc.

Movitec B



| | |
|--------------------|---------------------------------|
| Pump Size | 2, 4, 6, 10, 15, 25, 90 |
| Capacity | up to 112.8 m ³ /hr. |
| Head | up to 225 mtrs. |
| Pressure | up to 40 bar |
| Temperature | -20 to 140°C |
| Speed | up to 3600 rpm |

Multi-stage, vertical in-line high-pressure centrifugal pumps in ring-section design.
Suitable for general water supply, sprinkling, irrigation and pressure boosting systems, warm water, hot water and cooling water re-circulation, boiler feed systems, domestic water supply systems and washing plants.

moviBOOST Kt, Vt, VPt



| | |
|-----------------------|-------------------------------|
| Capacity | up to 660 m ³ /hr. |
| Head | up to 160 m |
| Inlet Pressure | up to 10 bar |
| Disc. Pressure | 10 & 16 bar |
| Temperature | up to 70°C |
| Supply voltage | 415 V, 50 Hz |

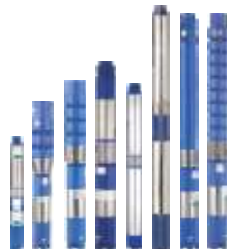
Fully automatic pressure boosting units available in three variants - Kt, Vt & VPt with 2 to 6 vertical high-pressure pumps and fully electronic control of the required supply pressure with two standard volt-free contacts for fault indication.
Suitable for residential buildings, hospitals, office buildings, hotels, departmental stores etc.



Pumps for water supply, transport and treatment for industrial, municipal and building services applications

Product & it's operating range

Submersible Motor Pumps



| | |
|----------------------|-------------------------------|
| Well diameter | min. 75 mm |
| Capacity | up to 900 m ³ /hr. |
| Head | up to 360 m |
| Motor rating | up to 110 kW |
| Temperature | Ambient |
| Speed | 2900 rpm |

Construction and applications

Submersible pump in multi-stage construction with radial or mixed flow impellers coupled with oil or water filled, single/three phase submersible motors. Pumps with SS jacket are also available up to 100 mm diameter.

Suitable for horticulture, irrigation, housing, building services and farm houses, ornamental fountains etc.

Submersible Pumps in Stainless Steel



| | |
|---------------------|-----------------|
| Pump models | 4 |
| Capacity | up to 58 lpm |
| Head | up to 180 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 11 kW |

KSBsol - A complete Stainless Steel Solar pump series viz. CU 100, CB 100 in 100 mm (4") & CU 150, CB 150 in 150 mm (6") is built in India with German technology. KSBsol offers a range of borewell submersible pump and AC motor sets are specially designed and matched to your requirements of solar pumping application.

PERIBLOC



| | |
|---------------------|----------------|
| Pump models | 8 |
| Capacity | up to 67 lpm |
| Head | up to 48 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Mini monobloc pumpsets in compact design. Available in 8 models - PERIBLOC I & II, Delite I & Delite II, Deluxe I & Deluxe II, PERIBLOC GX I & GX II are available in CI version.

Suitable for pumping of water to overhead tanks, in bungalows, fountains, fountains etc.

CUTE



| | |
|---------------------|----------------|
| Pump size | 25 mm |
| Capacity | up to 1700 lph |
| Head | up to 36 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Self priming mini monobloc pumps in compact design. Can withstand wide voltage range. Suction lift up to 8 m is possible.

Suitable for pumping of water to overhead tanks, in bungalows, fountains, farmhouses etc.

AGRIBLOC



| | |
|---------------------|------------------|
| Pump size | up to 80 x 80 mm |
| Capacity | up to 920 lpm |
| Head | up to 30 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 2 HP |

Single stage, monobloc pumps in compact and light weight design. These pumps are available in single phase power supply. Dynamically balanced rotating parts ensures minimal vibrations.

Suitable for agriculture, industries, gardens, fountains etc.

Pumps for **water supply, transport and treatment for industrial, municipal and building services applications**

Product & it's operating range

MONOSUB R, RE



| | |
|---------------------|----------------|
| Pump size | 25 to 100 mm |
| Capacity | up to 695 lpm |
| Head | up to 33 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 12.5 HP |

Construction and applications

Single stage, monobloc, open-well submersible pumps. Suitable for agriculture, drinking water supply, fountains, buildings, farm houses etc. Available in single and three phase models.

PERISTAR SSE



| | |
|---------------------|----------------|
| Pump model | 1 |
| Capacity | up to 1400 lph |
| Head | up to 24 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 0,5 HP |

Monobloc pumps in compact design. Stainless Steel casing with Brass impellers and Stainless Steel shaft, Aluminium die cast motor body.

Pumps can be used for booster applications, residential flats, water circulation in solar systems etc.

PERISTAR V



| | |
|---------------------|----------------|
| Pump models | 3 |
| Capacity | up to 2700 lph |
| Head | up to 39 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Centrifugal pumps in monobloc construction. Self priming up to 8 m. Robust and sturdy design. Capacitor start and run type design eliminates centrifugal switch. Pressure die cast rotor with TEFC enclosure for motors, FAG make ball bearings sealed for life.

Suitable for pumping of water to overhead tanks, in bungalows, fountains, car washing, lawn sprinklers etc.

PERISTAR S



| | |
|---------------------|----------------|
| Pump models | 3 |
| Capacity | up to 3400 lph |
| Head | up to 36 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Centrifugal pumps in monobloc construction. Self priming up to 8 m. Robust and sturdy design. Capacitor start and run type design eliminates centrifugal switch. Pressure die cast rotor with TEFC enclosure for motors.

Suitable for pumping of water to overhead tanks, in bungalows, fountains, car washing, lawn sprinklers etc.

PERISTAR ZD



| | |
|---------------------|----------------|
| Pump size | 25x25 mm |
| Capacity | up to 2950 lph |
| Head | up to 39 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Centrifugal pumps in monobloc construction. Self priming up to 8 m. Capacitor start induction run single phase motor for high torque.

Suitable for car washing, booster application, water circulation in solar heating systems etc.

Pumps for **water supply, transport and treatment for industrial, municipal and building services applications**

Product & it's operating range

Construction and applications

OPAL



| | |
|---------------------|----------------|
| Pump models | OPAL 5 & 10 |
| Capacity | up to 215 lpm |
| Head | up to 25 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 HP |

Open-well submersible pumpsets in monobloc construction
Wide voltage range. SS jacketed motor with NORYL impellers.
Suitable for pumping of water to overhead tanks, flood irrigation, de-watering of storm water etc.

K-JET



| | |
|---------------------|----------------|
| Pump sizes | 40 x 25 mm |
| Capacity | up to 41 lpm |
| Head | up to 45 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 1 kW |

Self priming centrifugal jet pumps designed for application in deep wells.

These pumps find wide applications in residential bungalows, hotels, small farms, lawns etc.

PERIJET



| | |
|---------------------|----------------|
| Pump sizes | 25 mm |
| Capacity | up to 55 lpm |
| Head | up to 39 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 0.75 kW |

Self priming centrifugal pumps designed for application in open and shallow wells, sumps.

These pumps find wide applications in residential bungalows, hotels, small farms, lawns etc.

PERIBOOST



| | |
|---------------------|----------------|
| Pump sizes | 25 mm |
| Capacity | up to 33 lpm |
| Head | up to 24 mtrs. |
| Temperature | 65°C |
| Motor rating | up to 0.37 kW |

Pressure booster pumps designed for pressurized water showers in bathrooms

MULTIBOOST



| | |
|----------------------|---------------------|
| Tank Capacity | 24 & 60 ltr. |
| Capacity | up to 266 lpm |
| Head | up to 53 mtrs. |
| Temperature | Ambient |
| Motor rating | up to 2.2 kW (3 HP) |

Horizontal, centrifugal, radially split, multistage pumps fitted with pressure tank, pressure sensor and gauge.

Suitable for water pressure boosting applications in bungalows, flats, individual bathrooms etc.

Pumps for water supply, transport and treatment for industrial, municipal and building services applications

Product & it's operating range

Construction and applications

MONOSUB RV



| | |
|---------------------|-----------------------------------|
| Pump sizes | 75 mm |
| Capacity | up to 1500 lpm |
| Head | up to 148 mtrs. |
| Temperature | Ambient |
| Motor rating | 1Ø up to 2 HP 3Ø up to 22,5 HP |

Multistage monobloc openwell submersible pumpset. 1Ø in S.S. construction & 3Ø in C.I. construction.
Suitable for agriculture, farm houses, drinking water supply etc.

Conti



| | |
|--------------------|------------------------------------------------------------------------------------------------------------------|
| Cable Sizes | 1.5 Sq. mm 2,5 Sq. mm 4.0 Sq. mm 6.0 sq. mm 10.0 sq. mm 16.0 sq. mm 25.0 sq. mm 35.0 sq. mm |
|--------------------|------------------------------------------------------------------------------------------------------------------|

CONTI - 3 core PVC insulated flat cables with superior quality and assured long life. Every cable is precisely manufactured with exceptional process control. The conductor is made of multiple strands of finely drawn copper wires having purity of minimum 99.9%. The cables are ISI 694 marked.

GARDO



| | |
|-------------|---------------|
| Size | 0,5 hp - 2 hp |
|-------------|---------------|

Reliable control panels for single phase pumpsets. Control panels are designed for wide voltage operating range.



**Pumps for chemical, petrochemical, oil production,
processing, steam & power generation**



Pumps for **chemical, petrochemical, oil production, processing, steam & power generation**

Product & it's operating range

Construction and applications

Etanorm SYT



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 625 m ³ /hr. |
| Head | up to 102 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 350°C |
| Speed | up to 3600 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pumps in back-pull-out design, fitted with a radial impeller.

Suitable for heat transfer system, hot water circulation etc.

MegaCPK



| | |
|------------------|--------------------------------|
| Pump Size | 25 to 250 mm |
| Capacity | up to 1160 m ³ /hr. |
| Head | up to 162 m |
| Discharge press. | up to 25 bar |
| Temperature | -30 to 300°C |
| Speed | up to 2900 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pump in back-pull-out design, fitted with a radial impeller.

Suitable to handle aggressive, organic and inorganic fluids in chemical and process industries like paper, cellulose, sugar, food, textile, drugs, breweries, pharmaceutical and distilleries.

HPK-L



| | |
|------------------|--------------------------------|
| Pump Size | 25 to 250 mm |
| Capacity | up to 1160 m ³ /hr. |
| Head | up to 162 m |
| Discharge press. | up to 25 bar |
| Temperature | -40 to 400°C |
| Speed | up to 3600 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pumps in back-pull-out design, fitted with a radial impeller.

Suitable for hot water circulation, heat transfer fluids, process engineering etc.

APP



| | |
|------------------|-------------------------------|
| Pump Size | 32 to 150 mm |
| Capacity | up to 700 m ³ /hr. |
| Head | up to 100 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 160°C |
| Speed | up to 3600 rpm |

Horizontal, single stage, end suction, radially split volute casing pump in back-pull-out design.

Suitable for continuous operation in process industries to handle clean, abrasive corrosive liquids and stock up to **8% consistency**.

CPK



| | |
|------------------|--------------------------------|
| Pump Size | 32 to 250 mm |
| Capacity | up to 1200 m ³ /hr. |
| Head | up to 150 m |
| Discharge press. | up to 25 bar |
| Temperature | -70 to 350°C |
| Speed | up to 2900 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pumps in back-pull-out design, fitted with a radial impeller.

Suitable to handle aggressive organic and inorganic fluids in chemical and petrochemical industries, refinery off-sites, paper and pulp, food and sugar industry, sea water desalination plants.

Pumps for **chemical, petrochemical, oil production, processing, steam & power generation**

Product & it's operating range

Construction and applications

Etanorm C



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 660 m ³ /hr. |
| Head | up to 160 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 140°C |
| Speed | up to 3600 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pumps in back-pull-out design, fitted with a radial impeller.

Suitable for heat transfer system, hot water circulation, water supply and swimming pools, fire fighting systems etc.

Etabloc C



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 550 m ³ /hr. |
| Head | up to 160 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 140°C |
| Motor rating | up to 22 kW |

Single stage volute casing pump with back pull out design and ratings to EN 733, with radially split volute casing, replaceable wear rings, stub shaft design, closed radial impeller with multiple curved vanes, single mechanical seal to EN 12756, and a shaft equipped with replaceable shaft sleeve in seal area.

Suitable for Water supply, swimming pools, irrigation, cooling water, spray irrigation, service water, drinking water, condensate, hot water.

Magnochem



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 100 mm |
| Capacity | up to 300 m ³ /hr. |
| Head | up to 150 m |
| Discharge press. | up to 25 bar |
| Temperature | -90 to 300°C |
| Speed | up to 2900 rpm |

Horizontal, seal-less volute casing pump in back pull-out design, with magnetic drive, to ISO 2858 / EN 22 858 / ISO 5199, with radial impeller, single-stage, single-entry ATEX-compliant.

For handling aggressive, toxic, explosive, valuable, flammable, malodorous or harmful fluids in the chemical, petrochemical and general industries, chemical industry, petrochemical industry, refineries, food and beverage industries nuclear and fossil-fuelled power plants, general industry and process engineering.

KWP O



| | |
|------------------|-------------------------------|
| Pump Size | 5 models |
| Capacity | up to 400 m ³ /hr. |
| Head | up to 65 m |
| Discharge press. | up to 10 bar |
| Temperature | -30 to 250°C |
| Speed | up to 2900 rpm |

Horizontal, single stage, single entry, back pull out type, radially split volute casing process type centrifugal pumps with radial flow non clogging, semi open multi vane, overhung impeller. Dimension complying to standardized chemical pumps in accordance with DIN 24546.

Can be used to pump contaminated fluids, sludge, fluids containing solids admixtures & thick stocks of all kinds. With O impeller, fluids containing air <= 5% & stock density of pulp <=5% can be pumped.

CPK O



| | |
|------------------|-------------------------------|
| Pump Size | 14 models |
| Capacity | up to 100 m ³ /hr. |
| Head | up to 85 m |
| Discharge press. | up to 16 / 25 bar |
| Temperature | -70 to 300°C |
| Speed | up to 2900 rpm |

Horizontal, single stage, volute casing pump in back pull-out design, with semi open Impeller, single-entry, single-stage; to EN 22 858/ISO 2858/ISO 5199; Complemented by pumps of size DN 25.

These pumps can be used to pump aggressive, polymerizing media or media liable to form lumps as well as gas containing liquids in the chemical and petrochemical industries.

Pumps for **chemical, petrochemical, oil production, processing, steam & power generation**

Product & its operating range

Construction and applications

MEGACHEM



| | |
|------------------|-------------------------------|
| Pump Size | 25 to 150 mm |
| Capacity | up to 540 m ³ /hr. |
| Head | up to 100 m |
| Discharge press. | up to 16 bar |
| Temperature | -30 to 200°C |
| Speed | up to 3600 rpm |

Horizontal, end suction, centrifugal, radially split, volute casing process pump in back-pull-out design, fitted with a radial impeller. Suitable to handle aggressive, organic and inorganic fluids in chemical and process industries like paper, cellulose, sugar, food, textile, drugs, breweries, pharmaceutical and distilleries.

RPH



| | |
|------------------|--------------------------------|
| Pump Size | 25 to 250 mm |
| Capacity | up to 1500 m ³ /hr. |
| Head | up to 270 m |
| Discharge press. | up to 51 bar |
| Temperature | up to 450°C |
| Speed | up to 3600 rpm |

Horizontal, single stage, radially split pump in back-pull-out design with end suction fitted with a single entry closed radial impeller. Designed to API 610 latest edition.

Suitable to handle products in refineries, chemical, petrochemical and coal conversion plants, power station and environmental engineering applications.

RPHb



| | |
|------------------|-------------------------------|
| Pump Size | 50, 80 & 150 mm |
| Capacity | up to 500 m ³ /hr. |
| Head | up to 420 m |
| Discharge press. | up to 100 bar |
| Temperature | -70 to 450°C |
| Speed | up to 3600 rpm |

Horizontal, radially split, volute casing pump in process type construction according to API 610 latest edition / VDMA 24297, with radial flow impeller, single suction two stage design, back to back impeller arrangement and centreline mounting.

Suitable for handling various petroleum products.

WKT, WKTR



| | |
|------------------|-------------------------------|
| Pump Size | 40 to 150 mm |
| Capacity | up to 300 m ³ /hr. |
| Head | up to 500 m |
| Discharge press. | up to 63 bar |
| Temperature | -30 to 160°C |
| Speed | up to 3600 rpm |

Vertical, radially split, multi-stage ring section pump with radial / mixed flow single entry impellers. WKTR pumps designed to API 610 latest edition.

Suitable for condensate extraction from steam turbines, handling cold or hot water, process liquids for refinery & petrochemical applications & ammonia handling

WKTA, WKTB



| | |
|------------------|-------------------------------|
| Pump Size | up to 2500 mm |
| Capacity | up to 370 m ³ /hr. |
| Head | up to 40 m |
| Discharge press. | up to 100 bar |
| Temperature | up to 100°C |
| Speed | up to 1800 rpm |

Vertical, can type, radially split, multi-stage ring section pump with double entry suction stage.

Suitable for condensate extraction in power stations and industrial power plants.

Pumps for **chemical, petrochemical, oil production, processing, steam & power generation**

Product & it's operating range

Construction and applications

HDA, HDB



| | |
|--------------------|-------------------------------|
| Pump Size | 42 to 150 mm |
| Capacity | up to 576 m ³ /hr. |
| Head | up to 2245 mtrs. |
| Pressure | up to 230 bar |
| Temperature | up to 200°C |
| Speed | up to 5500 rpm |

Horizontal, high pressure multi-stage pumps with ring section casing and radial single entry impellers.
Suitable for boiler-feed applications and in high pressure hydraulic circuits for coke cutting, descaling and municipal water supply.

HG



| | |
|-------------------------|--------------------------------|
| Pump Size | 2 to 5 |
| Capacity | up to 1400 m ³ /hr. |
| Head | up to 4200 m |
| Discharge press. | up to 420 bar |
| Temperature | up to 200°C |
| Speed | up to 7000 rpm |

Horizontal, multi-stage, centrifugal pump in ring section design with single or double entry radial impellers.
Suitable for boiler-feed water for captive and combined cycle co-generation power plants.

CHTC, CHTR



| | |
|-------------------------|--------------------------------|
| Pump Size | 2 to 6 |
| Capacity | up to 1450 m ³ /hr. |
| Head | up to 4200 m |
| Discharge press. | up to 420 bar |
| Temperature | up to 200°C |
| Speed | up to 7000 rpm |

Horizontal, multi-stage, centrifugal barrel casing pump in ring section design with radial impeller, single or double entry.
Suitable for boiler-feed water for captive and combined cycle co-generation power plants. CHTR pumps are adapted to API 610 latest edition requirements to handle hydrocarbons.

HGM



| | |
|-------------------------|-------------------------------|
| Pump Size | 2 to 4 |
| Capacity | up to 280 m ³ /hr. |
| Head | up to 1100 m |
| Discharge press. | up to 120 bar |
| Temperature | up to 140°C |
| Speed | up to 3600 rpm |

Horizontal, multi-stage, centrifugal pump in ring section design with medium lubricated plain bearings.
Suitable for boiler-feed duties and condensate transport in power stations and industrial boilers.

Pumps for **chemical, petrochemical, oil production, processing, steam & power generation**

Product & it's operating range

Construction and applications

SPnorm



| | |
|--------------|-------------------------|
| Size | DN 40, 50, 80, 100, 150 |
| Capacity | 19.4 lps. |
| Head | 6 to 36 mtrs. |
| Motor rating | 1 to 25 HP |

Horizontal self priming volute casing pumps, single stage with semi open impeller, in back pull out design. Long coupled on baseplate, suction lift up to 7 metres.
 Suitable pump for pumping muddy water, sewage, polluted liquids including solids etc.
 Applications where priming & foot valve is to be avoided.

SPbloc



| | |
|--------------|---------------|
| Size | DN 40, 50, 80 |
| Capacity | 74 lps. |
| Head | 6 to 50 mtrs. |
| Motor rating | 1 to 7.5 HP |

Horizontal self priming volute casing pumps, single stage with semi open impeller, in back pull out design. Monobloc, mono shaft design, hydraulics are assembled on extended motor shaft, suction lift up to 7 metres.
 Suitable pump for pumping muddy water, sewage, polluted liquids including solids etc.
 Applications where priming & foot valve is to be avoided.



Gate, Globe & Check Valves for chemical, petrochemical, oil production, processing, steam & power generation



Valves for chemical, petrochemical, oil production, processing, steam and power generation

Product & its operating range

Construction and applications

SICCA® 800-1500 - Type GTF



| | |
|-------------|---------------|
| Size | 15 to 50 mm |
| Pressure | up to 264 bar |
| Temperature | up to 593°C |

Forged gate valve to API 602 (# 800/1500), bolted bonnet for # 800, welded bonnet for # 1500, socket weld ends for # 800-1500, socket / thread ends for # 800, solid wedge, integral back seat and non-rotating stem.

Available in Carbon Steel, Stainless Steel & Alloy Steel.

SICCA® 150-600 - Type GTC



| | |
|-------------|---------------|
| Size | 50 to 600 mm |
| Pressure | up to 104 bar |
| Temperature | up to 593°C |

Cast gate valve to API 600, bolted bonnet, butt weld or flanged ends, flexible wedge, out-side screw and yoke and non-rotating stem.

Available in Carbon Steel, Stainless Steel & Alloy Steel

SICCA® 900-2500 - Type GTC



| | |
|-------------|---------------|
| Size | 50 to 600 mm |
| Pressure | up to 431 bar |
| Temperature | up to 650°C |

Cast gate valve to ASME B 16.34, pressure seal bonnet, double disc wedge design, butt weld ends, integral stellite back seat, out-side screw and yoke and non-rotating stem.

Available in Carbon & Alloy Steel.

SICCA® 800-2500 - Type GLF



| | |
|-------------|---------------|
| Size | 15 to 50 mm |
| Pressure | up to 431 bar |
| Temperature | up to 650°C |

Forged globe valve to API 602 (# 800/1500), ASME B 16.34 (# 2500), bolted bonnet for # 800, welded bonnet for # 1500/2500, socket weld ends for # 800-2500, socket / thread ends for # 800, integral back seat, outside screw and yoke and rotating stem.

Available in Carbon Steel, Stainless Steel & Alloy Steel

SICCA® 150-600 - Type GLC



| | |
|-------------|---------------|
| Size | 50 to 250 mm |
| Pressure | up to 104 bar |
| Temperature | up to 593°C |

Cast globe valve to BS 1873, bolted bonnet, flanged or butt weld ends, back seat bush and out-side screw and yoke.

Available in Carbon, Alloy & Stainless Steel.

Valves for chemical, petrochemical, oil production, processing, steam and power generation

Product & it's operating range

Construction and applications

SICCA® 900-2500 - Type GLC



| | |
|-------------|---------------|
| Size | 50 to 200 mm |
| Pressure | up to 431 bar |
| Temperature | up to 650°C |

Cast globe valve to ASME B 16.34, pressure seal bonnet design, butt weld ends, tapered seat, integral stellited back seat, outside screw and yoke, yoke head with ISO flange for actuator fitting, non-rotating stem and Y-pattern body design.

Available in Carbon & Alloy Steel.

SICCA® 800-2500 - Type PCF



| | |
|-------------|---------------|
| Size | 15 to 50 mm |
| Pressure | up to 431 bar |
| Temperature | up to 650°C |

Forged check valve to API 602 (# 800/1500), ASME B 16.34 (# 2500), bolted cover for # 800, welded cover for # 1500/2500, socket weld ends for # 800-2500, socket / thread ends for # 800, spring loaded disc.

Available in Carbon Steel, Stainless Steel & Alloy Steel.

SICCA® 150-600 - Type SCC



| | |
|-------------|---------------|
| Size | 50 to 600 mm |
| Pressure | up to 104 bar |
| Temperature | up to 593°C |

Cast check valve as per BS 1868, bolted bonnet, flanged or butt weld ends, swing disc arrangement with inside hinge pin (up to 300 mm) and non-turning disc.

Available in Carbon, Alloy & Stainless Steel.

SICCA® 900-2500 - Type SCC



| | |
|-------------|---------------|
| Size | 50 to 600 mm |
| Pressure | up to 431 bar |
| Temperature | up to 650°C |

Cast check valve as per ASME B 16.34, pressure seal bonnet design, butt weld ends, swing disc arrangement with inside hinge pin and non-turning disc.

Available in Carbon & Alloy Steel.

Ball Valves - ECOLINE



| | |
|-------------|---------------|
| Size | 15 to 400 mm |
| Pressure | up to 136 bar |
| Temperature | up to 200°C |

ECOLINE range of Cast & Forged, 1, 2 & 3 piece construction ball valves. Designed as per BS EN ISO 17292 and are available up to class 800.

Suitable for process, industry, water, steam, oil & gas applications.