

Municipal Market

Centrifugal Pumps



Municipal Market

Through the years Ruhrpumpen has developed different model pumps for different markets. Our varied lines are designed to meet the requirements of the Municipal Market. Our first priority is to offer the best product built under strict rules of quality.

V T P

Vertical Turbine Pumps



Characteristics	Vertical, Single Suction, Single Stage, Multistage, Motor High-Water Free, Sump Pumps	Liquids	Water, Cooling Water, River Water, Sea Water, Process Water Fire Service, Deepwell	Performance Range	US Units: Q 22-50000 gpm H 6-2500 ft Tmax 250°F	Metric Units: Q 5-11356 m ³ /h H 762 m Tmax 121°C

V M F

Circulating with Mixed Flow Bowls Pumps



Characteristics	Vertical, Single Stage, Multistage, Closed/Semi-Open/ Open Impellers	Liquids	Cooling Water Water Treatment	Performance Range	US Units: Q 5000- 220000 gpm H 35- 330ft Tmax 275°F Tmin 20°F	Metric Units: Q 1136 - 50000m ³ /h H 10- 100m Tmax 135°C Tmin 30°C

V A F

Axial Flow- Sump Pumps



Characteristics	Vertical Single Stage Two Stages Motor High-Water Free	Liquids	Water, Cooling Water, Rain Water, River Water, Sea Water, Process Water Fire Service, Deepwell	Performance Range	US Units: Q 800-230000 gmp H 5-60 ft T 176°F	Metric Units: Q 181-52270 m ³ /h H 1.5-18.5m T 80°C

V L T C

Canister-Type Pumps



Characteristics	Vertical, Single Suction, Single Stage, Two Stage, Multistage, Nozzles inline.	Liquids	Hydrocarbons, Lyes, Chemical Solutions, Water, Sea Water, Condensate, Cryogenic Liquids.	Performance Range	US Units: Q 220,000 gpm H 3500 ft Tmax 1050°F Tmin -320°F	Metric Units: Q 52,000 m ³ /h H 1060 m Tmax 565°C Tmin -196°C

H S D / H S R / H S C / Z M

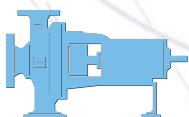
Horizontal Split Case Pumps



Characteristics	Single Stage, Axially Split Case, Closed Impeller Impeller Double, Suction Type, Nozzles in Line Bearings in Both Sides.	Liquids	Water Sea Water River Water Rain Water	Performance Range	US Units: Q 100 gpm- 50000 gpm H 3-152 m Tmax 120°C	Metric Units: Q 22-11360 m ³ /h H 3-152 m T max 120°C

CPP-21

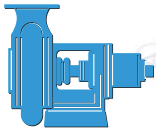
Volute Casing Centrifugal Pumps



Characteristics	Single Stage ANSI B73.1, Horizontal Single Suction, Single Stage Bearing Bracket	Liquids	Chemical Solutions, Water, Hydrocarbons Service Water	Performance Range	US Units: Q 20-5000 gpm H 20-770 ft T max 600°F Pdmax 375 psi	Metric Units: Q 5-1125 m ³ /h H 6-230 mts Tmax 315°C Pdmax 26 bar

SHD

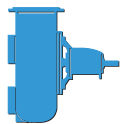
Solid Handling Pumps



Characteristics	Single Stage Horizontal or Vertical Pump Enclosed Impellers	Liquids	Water Waste Water River Water Rain Water	Performance Range	Metric Units: Q 18-1590 m ³ /h H 1.8-42 m Tmax 120°C Pd 4.5 bar	US Units: Q 80-7000 gpm H 6-140 ft Tmax 248°F Pd 60 psi

ST / STV *

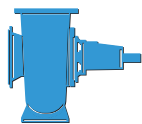
Horizontal or Vertical Centrifugal Pumps with Two Channel Pot Impeller



Characteristics	Horizontal or Vertical, Single Suction, Single Stage, Two-Channel pot Impeller, Radially Split Casing, Bearing Bracket, Discharge Branch Tangentially	Liquids	Waste Water Fecal Matter Rain Water Sludge	Performance Range	Metric Units Q 400 up to 8500 m ³ /h H 3.5 up to 32 m T up to max. 80°C Solid size: 125 up to 300 mm	US Units: Q 1760- 37400 gpm H 4-105 ft T up to max 176°F

SKO *

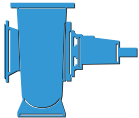
Horizontal Centrifugal Pumps with Three Channel Pot Impeller



Characteristics	Horizontal or Vertical, Single Suction Single Stage, Radially Split Casing Three-Channel Impeller Bearing Brackets Discharge Branch Tangentially	Liquids	Waste Water Fecal Matter Rain Water Sludge	Performance Range	Metric Units: Q 250 up to 8000 m ³ /h H 2.5 up to 40 m T up to max. 60°C Solid size : 75 up to 180 mm	Q 1100-35200 gpm H 8-131 ft T 140°F

SK / SKV *

Horizontal or Vertical Centrifugal Pumps with Three Channel Pot Impeller



Characteristics	Horizontal Vertical Single Stage Three Channel Impeller Back Pull Out Design	Liquids	Combined Sewage Rain Water Raw Waste Water	Performance Range	Metric Units: Q 1000-8000 m ³ /h H 5-40 m T 60°C	US Units: Q 4400-35200 gpm H 16-130 ft T 140°F

LKT *

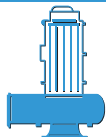
Submersible Mixed Flow Pumps



Characteristics	Vertical Single Suction Single Stage Submersible Motor	Liquids	Water Rain Water River Water Cooling Water	Performance Range	Metric Units: Q 200 up to 5500 m ³ /h H 2 up to 50 m T up to max. 40°C	US Units: Q 880-24200 gpm H 6-164 ft T 104°F

STT *

Submersible Volute Casing Centrifugal Pumps



Characteristics	Vertical Single Suction Single Stage Submersible Motor	Liquids	Water Rain Water Combined Sewage Sludge	Performance Range	Metric Units: Q 400 up to 4000 m ³ /h H 3.5 up to 35 m T up to max. 40°C	US Units: Q 1760-17600 gpm H 11-115 ft T 104°F

PVT *

Submersible Propeller Pumps



Characteristics	Vertical Single Suction Single Stage Submersible Motor	Liquids	Water, Rain Water River Water Sea Water Cooling Water	Performance Range	Metric Units: Q 400 up to 12000 m ³ /h H 2 up to 13 m T up to max. 40°C	US Units: Q 1760-52800 gpm H 6-42 ft T 104°F

* Available in North America in the Near Future

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