Pumps for industrial water supply

CN Type

Centrifugal horizontal pumps of spiral type with impellers of one-way inlet. They are designed for pumping of water and liquids, that have properties similar to water in viscosity and chemical activity, temperatures up to 100 ° C, with a maximum concentration of solid particles of 0.05% and a size of 0.2 mm. Pumps are used in thermal energetics and for water supply of industrial and municipal facilities.
The working supply Q is from 360 m³ / h to 1000 m³ / h, head from 83 m to 180 m.

D Type

Pumps of D type are centrifugal, horizontal, single-stage with a two-sided semi-spiral fluid supply to the impeller and a spiral outlet. They are designed for pumping of water and liquids , that are similar in chemical activity, temperatures up to 85 ° C, viscosity up to 36 cSt. The content of solid inclusions is allowed not more than 0.05% in weight, up to 0.2 mm in size
Double-entry pumps of D type have a sufficiently high efficiency and good suction capacity. Widely used for water pumping in the water supply systems of industrial and municipal facilities, as well as for irrigation and drainage of land.
The working supply Q from 120 m³ / h to 630 m³ / h, head from 20 m to 110 m.

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CNS Type

CNS pumps are designed for pumping water, that has a pH value 7-8.5, with a mass of mechanical impurities of not more than 0.2% and a size of solid particle not more than 0.2 mm, microhardness not more than 1.47 GPa and a density of not more than 1500 kg / m3, with temperatures up to 80 ° C.

The working supply Q is from 4 m³ / h to 450 m³ / h, head from 10 m to 630 m.

NSSh Type

The centrifugal pumps NSSh 60, 180,240, 300 are designed for pumping of water and liquids, that have properties similar to water in viscosity and chemical activity, with temperatures up to 353K (80 ° C), with sulphates and chlorides content up to 20 g / l, maximum mass concentration of solid particles 1.5% and a size up to 1 mm

The working supply Q from 55 m³ / h to 450 m³ / h, head from 70 m to 630 m.

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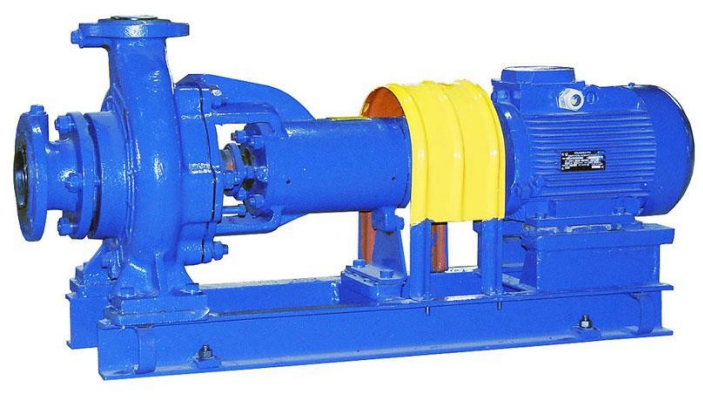

SM Type

Pumps of SM type - centrifugal, horizontal, single-stage with a closed impeller are designed for pumping of domestic, industrial wastewater (dirty or industrial water) and other contaminated liquids with a pH of 6 to 8.5, density up to 1100 kg / m3, temperature up to plus 90 0C, with the content of abrasive particles not more than 1% in volume, size up to 5 mm and microhardness not more than 9000 MPa.
Shaft seal - single gasket.
The material of the parts in the liquid ends is gray cast iron.
The maximum size of non-abrasive suspended particles in the pumped liquid is from 20 mm to 60 mm.
The working supply Q is from 8 m³ / h to 950 m³ / h, head from 10 m to 90 m.

SD Type

Pumps of SD type of horizontal design – are manufactured for pumping of dirty or industrial water, sewage, feces, sewage and other liquid wastes with a pH of 6 to 8.5, density up to 1100 kg / m3, kinematic viscosity of not more than 1x10-6 m2 / s, temperature from 0 to plus 90 0C, with the content of abrasive suspended particles not more than 1% in volume, size up to 5 mm and microhardness not more than 9000 MPa.
The working supply is from 4 m³ / h to 160 m³ / h, head from 15 m to 20 m.

Pumps for industrial water supply

VK, VKS Types

Vortex pumps for water of VK, VKS types (self-priming) - horizontal, single-stage, designed for pumping of technical clean water (except sea water) in stationary conditions with temperatures from 0 to plus 85 ° C and other liquids similar to pure water in density, viscosity and chemical activity.

The pumped liquids should not contain mechanical impurities in a volume of more than 0.1% and a size of more than 0.2 mm. With pumps of VK, VKS types it is forbidden to pump combustible, flammable liquids and liquids in explosive industries and installations. The vortex pump is an excellent solution for irrigation, has relatively smaller dimensions with equal supply indicators, as well as with adapter presence self-priming pump (VKS).

The working supply Q is from 2 m³ / h to 32 m³ / h, head from 10 m to 80 m.

K, KM Type

Industrial overhang pumps of K, KM types (monoblock) are designed for operation in stationary conditions for pumping of clean water (except sea water) with pH 6 ... 9, temperature 0 ... + 85 ° C and other liquids similar to pure water in density, viscosity and chemical activity containing solid particles up to 0.2 mm in size, the volume concentration of which does not exceed 0.1%.

The pumps of the KM series differ from the K series in that the working part of the pump is mounted on the shaft of the electric motor, and not on the frame (frameless design), that reduces its price.

Pumps of K and KM types are used in many areas of the national economy as pumps for pure water. For example, as pumps for urban water supply, pumps for mining industry, pumps for mineral industry, for housing and public utilities (water utilities), pumps for fountains including city fountains, pumps for a waterfall, as well as these pump models are used as a pump for a pond, for pumping of water from a river and other tasks.

The working supply Q is from 4 m³ / h to 500 m³ / h, head from 10 m to 90 m.

Pumps for industrial water supply

SDV Type

Pumps of SDV type of vertical design are manufactured for pumping of dirty or industrial water, sewage, feces, sewage and other liquid wastes with a pH of 6 to 8.5, density up to 1100 kg / m3, kinematic viscosity of not more than 1x10-6 m2 / s, temperature from 0 to plus 90 0C, with the content of abrasive suspended particles not more than 1% in volume, size up to 5 mm and microhardness not more than 9000 MPa.
Working supply Q from 50 m³ / h to 300 m³ / h, head from 10 m to 40 m.

PE Type

Centrifugal horizontal single-hull sectional with one-sideddisposition of wheels. The pumps are for pumping of feed water with pH value of 7-9,2, temperature not higher than 438K (165°C), not containing solid particles. The Pumps are used for feeding with water of fixed steam boilers with absolute steam pressure of 4,0; 5,3; 6,3 MPa (40, 53, 63 kgs/cm2).