

Centrifugal Pump

Multistage Centrifugal Pump - Serial CP-1



Technical Feature

Single casing, radial split and guide vanes, sliding bearings, self-forced lubrication.

Good interchangeabilities for mechanical structure and hydraulic elements.

Resistant to mediums with high content of salt, ion Cl- and mineralization.

Application: High pressure injection of sewerage water & well washing in oilfield

Medium temperature: 20°C ~ 80°C

Flow: 25 ~ 500 m³/h (111 ~ 2220 US gpm)

Head: 1000 ~ 2300 m (3280 ~ 7544 ft)

Speed: 2980 RPM

Motor power: 220 ~ 2500 KW.

Multistage Centrifugal Pump- Serial CP-2



Technical Feature

Horizontal radial split pump, single casing, guide vanes and equipped with the balancing drum (disc).

Discharge by two end bearings

The material of key parts is stainless steel with excellent resistance to corrosive fluids.

Application

Pipeline transportation of crude oil & petrochemical fluid, boiler water feed etc.

Flow: 6 ~ 530 m³/h (26 ~ 2350 US gpm)

Head: 70 ~ 740 m (229 ~ 2427 ft)

Speed: 1450 RPM or 2950 RPM

Motor power: 11 ~ 1250 KW.

Multistage Centrifugal Pump- Serial CP-3



Technical Feature

Single volute, horizontal, axially split, self-balanced: two units of impellers are arranged symmetrically

Application

Pipeline transportation of crude oil & petrochemical fluid, boiler water feed etc.

Water injection

Medium: Crude oil no more than 100°C.

Flow: 7 ~ 530 m³/h (31 ~ 2350 US gpm)

Head: 90 ~ 1100 m (295 ~ 3608 ft)

Speed: 1450 RPM or 2950 RPM

Motor power: 11 ~ 2200 KW.

● *MultiStage Centrifugal Pump- Serial CP-4*



Technical Feature

Horizontal axially split pump

Self-balanced: Impellers are arranged symmetrically so that axial force is balanced automatically. The suction section, discharge section and middle section are connected together with studs.

Application

Pipeline transportation of crude oil & petrochemical fluid etc.

Medium: Crude oil no more than 120 μ m, with high viscosity or low percentage of solid particles.

Flow: 12~85 m³/h (53~ 374 US gpm)

Head: 150~670 m (492~2197 ft)

Speed: 2950 RPM

● *Single Stage Centrifugal Pump- Serial CP-5*



Technical Feature

Single axial suction centrifugal pump.

Application

Pipeline transportation of crude oil, water and petrochemical fluid, etc.

Medium Temperature: -45~420 $^{\circ}$ C

Flow: 2~2390 m³/h (8.8 ~10600 US gpm)

Head: 4~240 m (13~787 ft)

Speed: 1450 RPM or 2950 RPM

Motor power: 1.1~710 KW.

● *Single Stage Centrifugal Pump- Serial CP-6*



Technical Feature

Single or double stage(s) axial suction centrifugal pump.

overhang, horizontal suction and vertical discharge. They are axially split and centerline support: Packing box and pump cover is combined into one body. Packing,

balanced bellows seal of double faces mechanical seal

Application

Pipeline transportation of crude oil and oil gathering stations.

Medium Temperature: 45~420 $^{\circ}$ C

Flow: 2~330 m³/h (8.8 ~10600 US gpm)

Head: 30~260 m (13~787 ft)

Speed: 1450 RPM or 2950 RPM

Motor power: 1.1~710 KW