

DP Series stainless steel vertical multistage centrifugal pumps are absorbing the advanced technology from home and abroad. It adopts standard vertical motor and alloy mechanical seal, which makes the replacement more convenient. The overflowing part is made from stainless steel, applicable for light – corrosion medium. Relying on the high efficiency, Reliable quality, wide usable range, our products receive the great popularity after they have been launched.

Product name : Vertical Multistage Pump
Model No : DP4-12-2.2
Power : 2.2KW, 220V, 50Hz

Technical :

Speed for pump data : 2900 rpm
 Rated flow : 4 m³/h
 Flow range : 1~7 m³/h
 Rated head : 93 m
 Curve tolerance : ISO 9906 Annex A

Materials :

Diffuser / Impeller : 304/316L
 DP Pump head / Inlet and outlet chamber : HT200
 DP Seal base / Inlet and outlet chamber : 304/316L
 code for rubber : NBR/EPDM

Installation :

Maximum ambient temperature : Max.+40 °C
 Connect code : Flange PN25/DN25
 Shaft seal : CDLA-12

Liquid :

Liquid temperature : Normal temperature type-15°C~+70°C ; Hot water type-15°C~+120°C

Electrical :

Phase : single-phase/Three-phase
 Driving motor : 2.2kW
 Mains frequency : 50Hz
 Protection class : IP55
 Insulation class : F

Others :

Net weight : 39kg

Performance Table:

MODEL	Power	Q (m ³ /h)	1.5	2	3	4	5	6	7	8
DP4-12-2.2	2.2KW	H (m)	111	105	101	93	82	72	55	48



Features

1. The premium hydraulic model and advanced workmanship greatly improve the pump's performance and extend the service life.
2. Adopting hard alloy and fluorine rubber for the mechanical seal, which ensures the pumps' reliable operation and endures high temperature of transmission medium.
3. As the overflowing part of pump is stamped and welded by stainless steel plate, which is suitable for slightly aggressive liquids.
4. Compact design, small size, light weight, low noise, excellent energy saving performance, easy to maintenance.
5. Inlet and outlet of the pump stand in the same line with the pump base, which can be used directly in the pipelines.
6. Clients can allocate the motor based on their own needs.
7. We provide intelligent protector to avoid dry running, default phase and over loading of the pump to meet customer's demand.

Characters

When the service life of mechanical seal runs out, no need to disassemble motor from the pump body, its replacement can be carried out by taking the coupling out and disassembling the gland of mechanical seal, so that the concentricity between motor shaft and pump spindle can be ensured, as well as the sealing reliability of the pump section.

Working Condition

1. Liquid temperature: Normal type 0°C~+68°C, hot water type 0°C~+120°C .
2. Ambient temperature: 15°C+40°C.
3. The maximum Working pressure:3.0 Mpa.
4. When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power.

Transmission Medium

1. Thin and clean non-explosive liquid Without solid particle or fibers.
2. Mineral water, softened water, pure water, edible oil and other light chemical mediums.
3. The main material of pump is stainless steel, Which is suitable for slightly aggressive liquids.

Motor's selection

- Full-enclosed and ventilating two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage(50HZ):Single phase 220V, Three phase:380v