

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** : DP8-16-5.5  
**Power** : 5.5KW, 380V, 50Hz

**Technical :**

Speed for pump data : 2900 rpm  
 Rated flow : 8 m<sup>3</sup>/h  
 Flow range : 5~12 m<sup>3</sup>/h  
 Rated head : 140 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-16

**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 : 5.5kW  
 Mains frequency : 50Hz  
 Protection class : IP55  
 Insulation class : F

**Others :**

Net weight : 85kg

**Performance Table:**

MODEL	Power	Q (m <sup>3</sup> /h)	5	6	7	8	9	10	11	12
DP8-16-5.5	5.5kw	H (m)	162	156	151	140	136	126	116	104



**Features**

1. The premium hydraulic model and advanced workmanship greatly improve the pump' performance and extend the service life.
2. Adopting hard allow 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