

DP SERIES PLASTIC PUMP

DP series plastic pumps can be used traditional machine tools applications. But also, it is perfectly suitable for clean water and chemical solutions because of the pump's materials.

Materials of the pump parts;

- Pump body : PPS
- Stages : PPS
- Diffusers : PPS
- Impellers : PPS
- Cover: PPS
- Axial Impellers: PPS
- Bushing : PPS
- Shaft : DIN 1.4301 (AISI 304)
- Strainer (Optional): PE
- Bearing Rings : Tungsten Carbide - Ceramic

There are three different pump at same modular design;

- 1 - DP 60 Series : $Q_{\max} = 60 \text{ lt/min}$, $H_{\max} = 6 \text{ m}$ (per stage)
- 2 - DP 100 Series : $Q_{\max} = 110 \text{ lt/min}$, $H_{\max} = 6 \text{ m}$ (per stage)
- 3 - DP 150 Series : $Q_{\max} = 160 \text{ lt/min}$, $H_{\max} = 7 \text{ m}$ (per stage)

DP Series pumps can be supply low and medium pressure because of their multistage design.

Specifications;

- Pump shaft is AISI 304 stainless steel as a standart.
- Perfectly suitable for chemical liquids.
- Pump materials are durable for high corosion.
- Chip size max. 4 mm.
- Small space requirements due to the compact design.
- All pumps are sealless.
- It can be produced with single-phase motor as an option.

Application Fields;

- Dehumidification systems,
- Liquids containing solid particles,
- Alkaline, solvents, coolants and lubricants etc.
- Surface washing, cleaning, degreasing,
- Recycling in machine-tool industry,
- Circulation of coolant,
- Circulation baverage systems,
- Printing industry.



Figure 34- DP Series Pumps



Figure 35- DP Series Exploded View

Pump Parts :

1. Electric Motor
2. Pump Body
3. Stages
4. Diffuser
5. O-ring
6. Impeller
7. Cover
8. Axial impeller
9. Strainer