

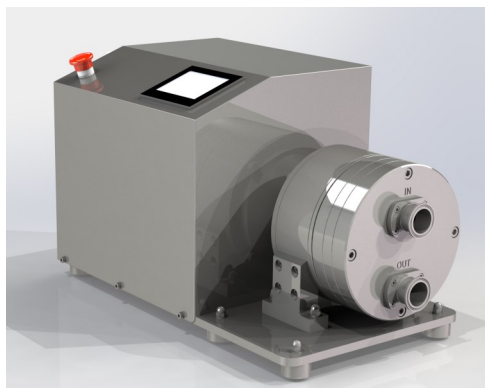
Lucksun DDP Series Pump

Shanghai Lucksun Flowtech Co., Ltd
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⇒ Technical Information:

- ◇ DDP50 SWE/TB1/R/HSN (With speed control panel)
- ◇ DDP80 SWE/TB1/R/HSN (With speed control panel)



Features and Benefits

- 4.3" control panel to adjust working speed
- Drainable 4-diaphragms pump design
- Low shear rate, gentle transfer
- Easy to expel air bubbles
- Sanitary pump, CIP & SIP are allowed
- Good flow accuracy, good reproducibility
- Dry run, good self-suction
- Good linear accuracy and high turn down ratio
- Can long time running on low speed
- Low pulsation
- No wear particles generated on running
- Non-metal parts complied with FDA and USP
- Metal wetted parts have 3.1B and roughness Cert.

⇒ Technical Data:

Type	DDP50SWE/TB1/R/HSN	DDP80SWE/TB1/R/HSN
Flow rate maximum (L/Hour)	3000	5500
Flow range on stable flow (L/hour)	400-3000	800-5500
Flow range on stable pressure (L/hour)	400-3000	800-5500
Max pressure (Bar) (<40°C)	6	6
Max pressure (Bar) (>40°C)	4	4
Eccentric shaft angle	3°	6°
Shaft diameter	28mm	28mm
Suction height (Meter)	3.5	3.5
Displacement/Revolution (mL)	47	96
Total volume of pump chamber (mL)	689	689
Connector size	1.5"TC ⁽¹⁾	1.5"TC ⁽¹⁾
Internal diameter of connector	35mm	35mm
Clamp flange diameter	50.5mm	50.5mm
Connector direction	Front ⁽²⁾	Front ⁽²⁾
Wetted parts	Stainless Steel 316L	Stainless Steel 316L
Other options of wetted parts	N,H,D,T,P,F ⁽³⁾	N,H,D,T,P,F ⁽³⁾
Roughness of internal surface	Ra<0,4um	Ra<0,4um
Material of diaphragm	TPE	TPE
Material of check valve	EPDM	EPDM
Material of O-ring	EPDM	EPDM
CIP	YES	YES
SIP	YES	YES
Shaft and bearing housing	Stainless Steel 316	Stainless Steel 316
Motor	HCFA Servo motor	HCFA Servo motor
Motor power	3kW	3kW
Motor rated speed	1200RPM	1200RPM
Motor power supply	3x380V	3x380V
Forced cooling fan	100W	100W
Power supply to cooling fan	1x220V	1x220V

Notes:

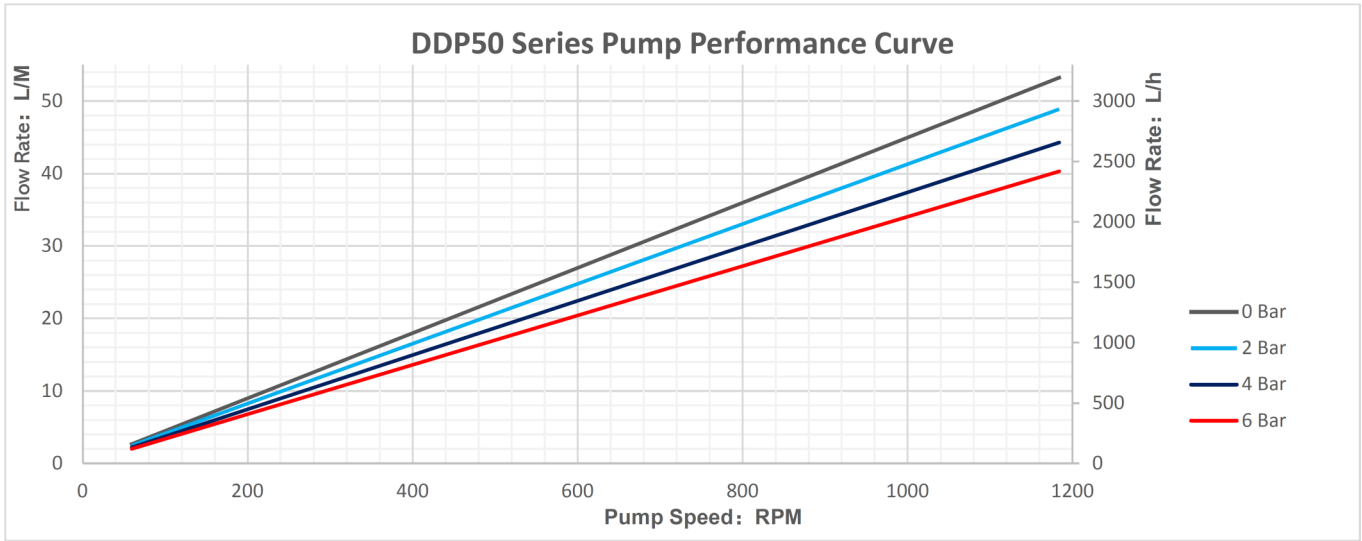
- (1) Options for connectors size : 1"TC, 2"TC ;
 - (2) Options for connectors direction : Recommended direction: front (Up in down out),direction could be rotated.
 - (3) Options for wetted parts : N-904L ; H-Hastelloy alloy C276 ; D-Duplex stainless steel 2507 ; T-Titanium ; P-PP ; F-PVDF ; and other materials ;
- Above options, can be found on our <Products ordering code> . Products code shall be changed relevantly. Other request, please contact our company or local distributor.

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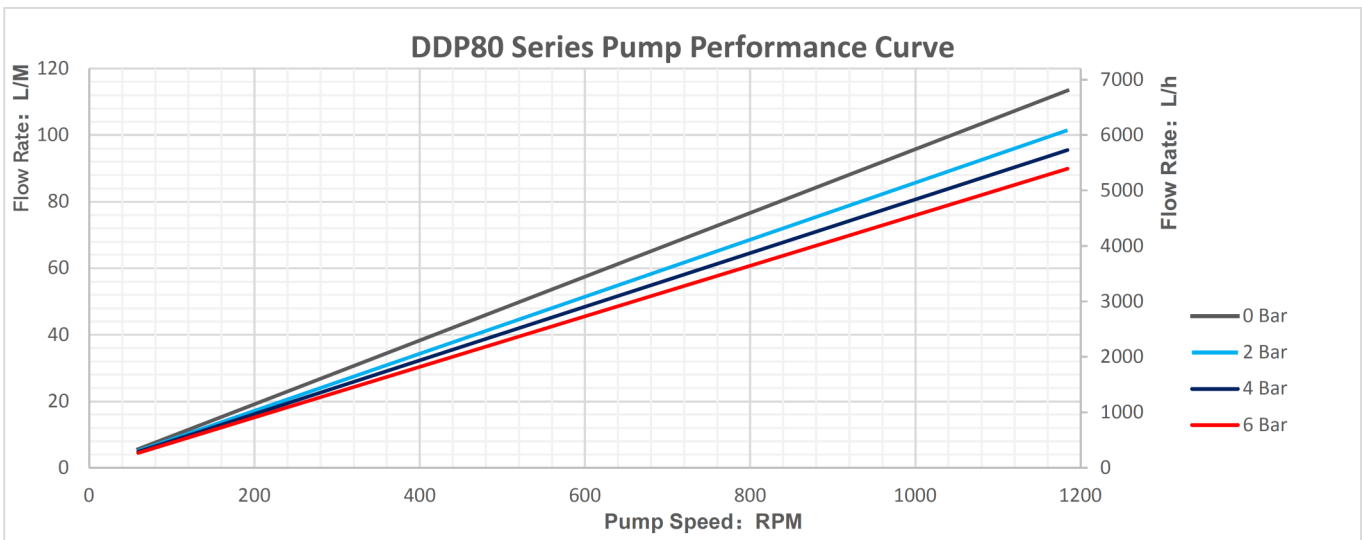
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⇒ Performance Curve:



Above data based on the test media is water, viscosity and specific gravity is 1, on ambient temperature.



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⇒ Outline Dimension:

