

Feature

By using special PTFE (Teflon(R)) seals to contain liquid between the seals, the liquid is prevented from contacting open air. The 2APL is ideal to transfer air reactive chemicals such as isocyanate.

The max. temperature the 2APL can handle is 120°C. The max. temperature of the motor pump version is 120°C as well. If a temperature higher than 120°C is required, please contact Fuji Techno for consultation.

Because of the use of the seals, a suction pressure can be up to the max. discharge pressure in the 2APL.

Spec

Model	Theoretical discharge (ml/rev)	Theoretical flow rate (L/min)		Max. discharge pressure (MPa)	Max. revolution (min ⁻¹)	Approx. weight Without valve/With valve (kg)
		1500min ⁻¹	1800min ⁻¹			
204APL (VB,VD)	4	6.0	7.2	1.5	3000	3.7/4.1
206APL (VB,VD)	6	9.0	10.8	1.2	2500	4.0/4.4
208APL (VB,VD)	8	12.0	14.4	1.2	2500	4.2/4.6
210APL (VB,VD)	10	15.0	18.0	1.2	2500	4.3/4.7
212APL (VB,VD)	12	18.0	21.6	1.0	2000	4.5/4.9
216APL (VB,VD)	16	24.0	28.8	0.7	1800	4.8/5.2
220APL (VB,VD)	20	30.0	36.0	0.6	1800	5.3/5.7

- The above max. discharge pressure and max. revolution are in combination with ISO-VG46 at 40°C. The rates vary depending on viscosity and temperature.
- In the event that abrasive liquid like kerosene oil is used, a discharge pressure must be 0.7MPa or less.