

Feature

Special PTFE (Teflon(R)) seals are used to isolate bearings from liquid so that wear of the bearings is minimized. Thus, the 3HWO is able to reach a long product life even with spray of waste oil or coolant liquid with slurry.

The 3HWO can handle liquids up to the temperature of 150°C. In case that it is required to handle temperatures higher than 150°C is required, please consult with Fuji Techno.

The suction pressure can be as high as the max. discharge pressure in the 3HWO.



Spec

Model \ Spec	Flow rate per rev. (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			
320HWO (VB)	26	39.0	46.8	1.5	1800	16.9/17.7
330HWO (VB)	39	58.5	70.2	1.5	1800	17.0/17.8
340HWO (VB)	52	78.0	93.6	1.5	1800	17.0/17.8
350HWO (VB)	65	97.5	117.0	1.5	1800	18.0/18.8

- The above max. discharge pressure and max. revolution are in combination with ISO-VG2 at 40°C. With ISO-VG46 at 40°C, the max. pressure and the max. revolution are the same as that of the standard version.
- In the event that abrasive liquid like kerosene oil is used, a discharge pressure must be 0.7MPa or less.