

Feature

Special PTFE (Teflon®) seals are used to isolate bearings from liquid so that partial wear of the bearings is minimized. Thus, the 2AWO is able to reach a long product life even with spray of waste oil or coolant liquid with slurry.

The 2AWO can take up to the temperature of 150°C. In case that it is required to handle a temperature higher than 150°C is required, please consult with Fuji Techno.

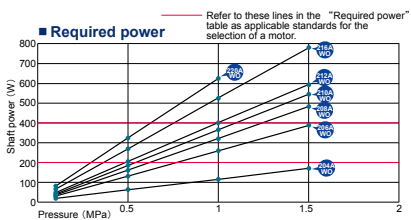
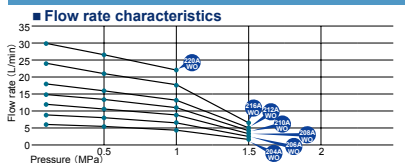
A suction pressure can be as high as the max. discharge pressure in the 2AWO. In the meantime, please note that 120°C is the max. temperature of the motor pump 2MY.



Performance

- Test conditions Oil: ISO-VG2 Oil temp.: 40°C

At 1,450 rotations (50Hz)



Model	Flow rate (L/min)				Required power (W)			
	Pressure (MPa)				Pressure (MPa)			
Spec	0.1	0.5	1	1.5	0.1	0.5	1	1.5
204AWO	6.0	5.3	4.4	1.7	19.6	62.8	116.8	170.8
206AWO	8.9	8.0	6.6	2.5	29.6	131.8	259.55	387.3
208AWO	11.9	10.6	8.6	3.3	34.1	162.3	322.55	482.8
210AWO	14.9	13.3	11.0	4.1	40.9	185.4	366.15	546.9
212AWO	17.9	15.9	13.2	5.0	48.7	205.1	400.6	596.1
216AWO	23.9	21.2	17.6	6.6	65.8	269.4	523.9	778.4
220AWO	29.8	26.5	22.0	—	82	324	626.5	—

- The required power varies depending on viscosity temp. etc.

Spec

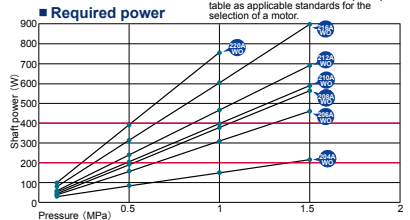
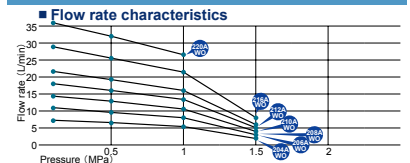
Model	Theoretical discharge (ml/rev)	Theoretical flow rate (L/min)		Max. discharge pressure (MPa)	Max. revolution (min ⁻¹)	Approx. weight Without valve/With valve (kg)
		1500min ⁻¹	1800min ⁻¹			
204AWO (VB_VD)	4	6.0	7.2	1.5	3000	3.6/4.0
206AWO (VB_VD)	6	9.0	10.8	1.5	2500	3.8/4.2
208AWO (VB_VD)	8	12.0	14.4	1.5	2500	4.0/4.4
210AWO (VB_VD)	10	15.0	18.0	1.5	2500	4.1/4.6
212AWO (VB_VD)	12	18.0	21.6	1.5	2000	4.3/4.7
216AWO (VB_VD)	16	24.0	28.8	1.5	1800	4.6/5.1
220AWO (VB_VD)	20	30.0	36.0	1.2	1800	5.0/5.5

- The above max. discharge pressure and the max. revolution are in combination with ISO-VG2 at 40°C.

When ISO-VG46 is used at 40°C, the max. discharge pressure and the max. revolution are the same as that of the standard version. (See page 12)

- In the event that abrasive liquid like kerosene oil is used, a discharge pressure must be 0.7MPa or less.

At 1,750 rotations (60Hz)



Model	Flow rate (L/min)				Required power (W)			
	Pressure (MPa)				Pressure (MPa)			
Spec	0.1	0.5	1	1.5	0.1	0.5	1	1.5
204AWO	7.2	6.4	5.3	2.0	30	84	150	217
206AWO	10.8	9.6	8.0	3.0	37	158	309	460
208AWO	14.4	12.8	10.6	4.0	42	192	378	565
210AWO	18.0	16.0	13.3	5.0	51	205	397	590
212AWO	21.6	19.2	16.0	6.0	58	240	466	693
216AWO	28.8	25.6	21.3	8.0	80	314	605	897
220AWO	36.0	32.0	26.6	—	99	390	754	—