

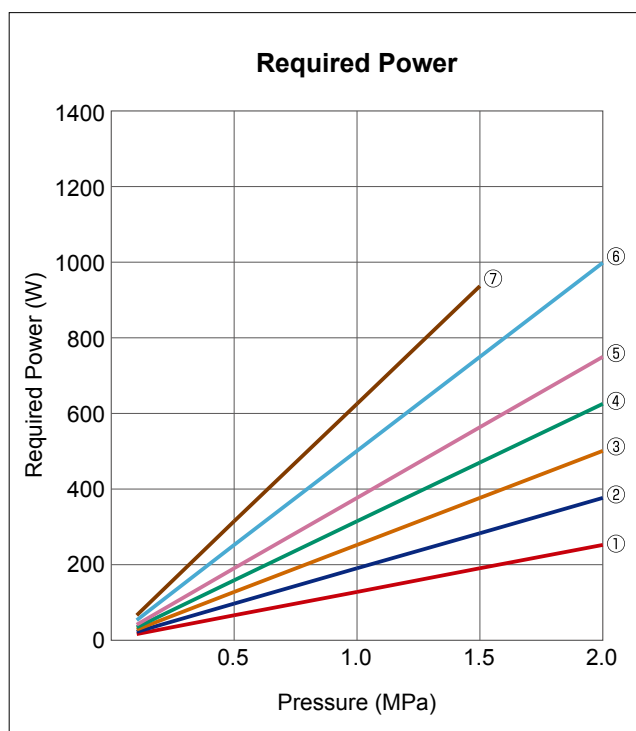
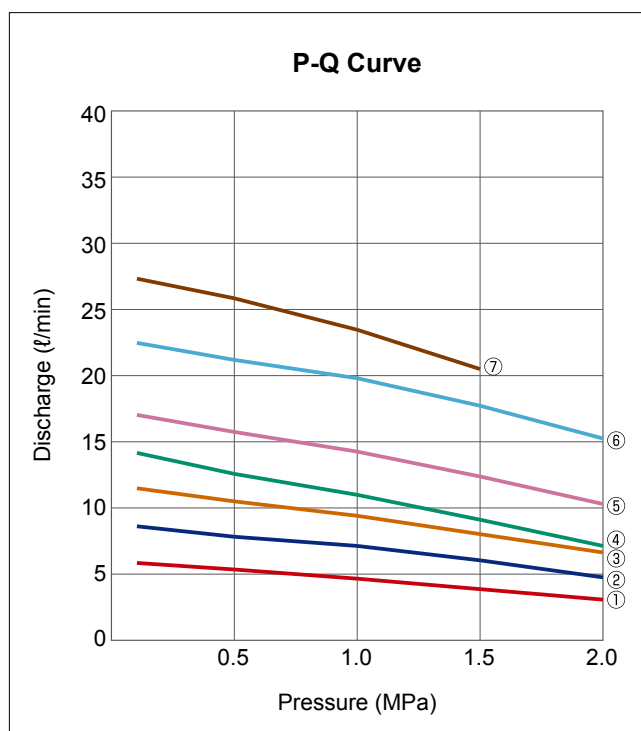
2HW(M) Performance Curve

Test Oil: ISO-VG2 Oil Temperature: 40C (Average)

Note: As the temperature of oil drops in winter, the viscosity also increases and so does the required power. So please be careful as you may not be able to operate the pump near the rated pressure.

1450 min⁻¹

- ①204HWM
- ②206HWM
- ③208HWM
- ④210HWM
- ⑤212HWM
- ⑥216HWM
- ⑦220HWM



Model \ Item	Discharge (l/min)					Required Power (W)				
	Pressure (MPa)					Pressure (MPa)				
	0.1	0.5	1.0	1.5	2.0	0.1	0.5	1.0	1.5	2.0
TOP-204HWM	5.7	5.2	4.5	3.7	2.9	13	63	125	188	250
TOP-206HWM	8.5	7.7	7.0	5.9	4.6	19	94	188	281	375
TOP-208HWM	11.4	10.4	9.3	7.9	6.5	25	125	250	375	500
TOP-210HWM	14.1	12.5	10.9	9.0	7.0	31	156	313	469	625
TOP-212HWM	17.0	15.7	14.2	12.3	10.2	38	188	375	563	750
TOP-216HWM	22.5	21.2	19.8	17.7	15.2	50	250	500	750	1000
TOP-220HWM	27.4	25.9	23.5	20.5		63	313	625	938	

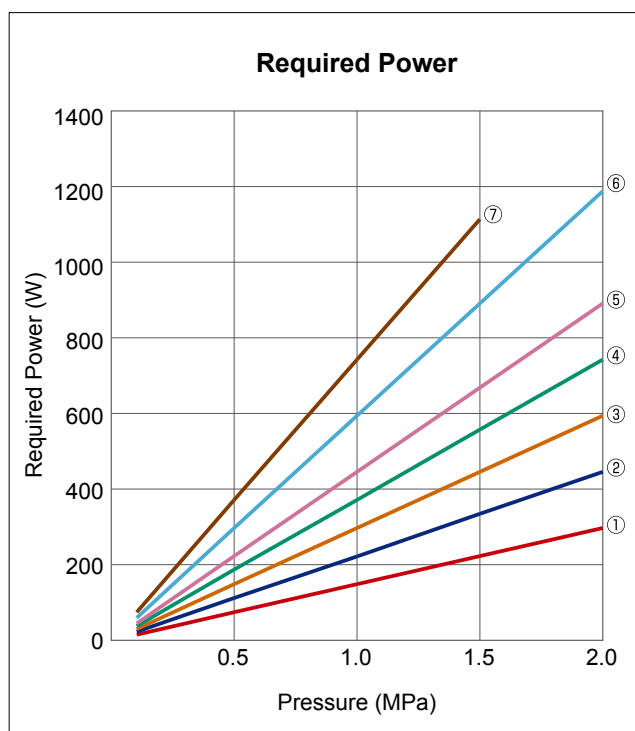
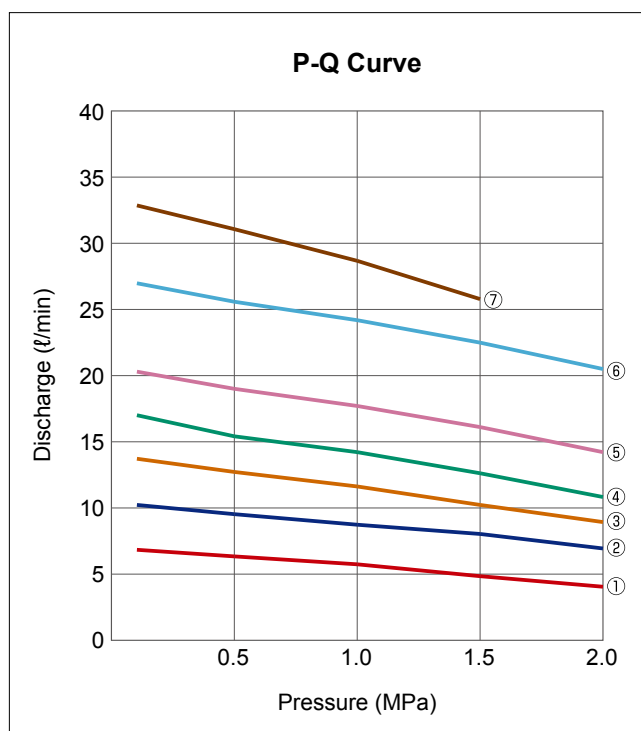
Any disassembly or alteration of the product will void the warranty.

Test Oil: ISO-VG2 Oil Temperature: 40C (Average)

Note: As the temperature of oil drops in winter, the viscosity also increases and so does the required power. So please be careful as you may not be able to operate the pump near the rated pressure.

1750 min⁻¹

- ① 204HWM
- ② 206HWM
- ③ 208HWM
- ④ 210HWM
- ⑤ 212HWM
- ⑥ 216HWM
- ⑦ 220HWM



Model \ Item	Discharge (ℓ/min)					Required Power (W)				
	Pressure (MPa)					Pressure (MPa)				
	0.1	0.5	1.0	1.5	2.0	0.1	0.5	1.0	1.5	2.0
TOP-204HWM	6.8	6.3	5.7	4.8	4.0	15	75	150	225	300
TOP-206HWM	10.2	9.5	8.7	8.0	6.9	23	113	224	338	450
TOP-208HWM	13.7	12.7	11.6	10.2	8.9	30	150	300	450	600
TOP-210HWM	17.0	15.4	14.2	12.6	10.8	38	189	375	563	750
TOP-212HWM	20.3	19.0	17.7	16.1	14.2	45	225	450	675	900
TOP-216HWM	27.0	25.6	24.2	22.5	20.5	60	300	600	900	1200
TOP-220HWM	32.9	31.1	28.7	25.8		75	375	750	1125	