

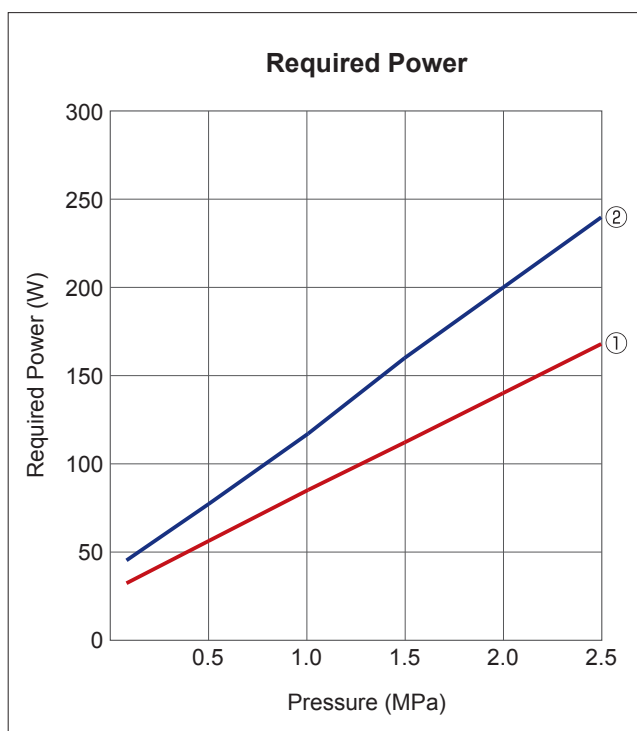
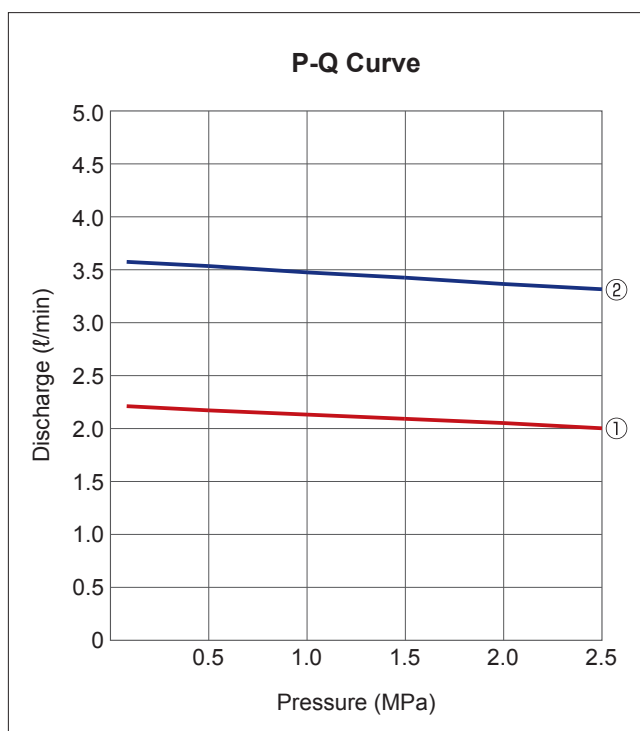
# 1HG Performance Curve

Test Oil: ISO-VG46 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<sup>-1</sup>

① 11HG    ② 12HG



Item	Discharge (l/min)						Required Power (W)					
	Pressure (MPa)						Pressure (MPa)					
	0.1	0.5	1.0	1.5	2.0	2.5	0.1	0.5	1.0	1.5	2.0	2.5
<b>TOP-11HG</b>	2.21	2.17	2.13	2.09	2.05	2.00	32	56	85	112	140	168
<b>TOP-12HG</b>	3.58	3.54	3.48	3.43	3.37	3.32	45	77	117	160	200	240

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