

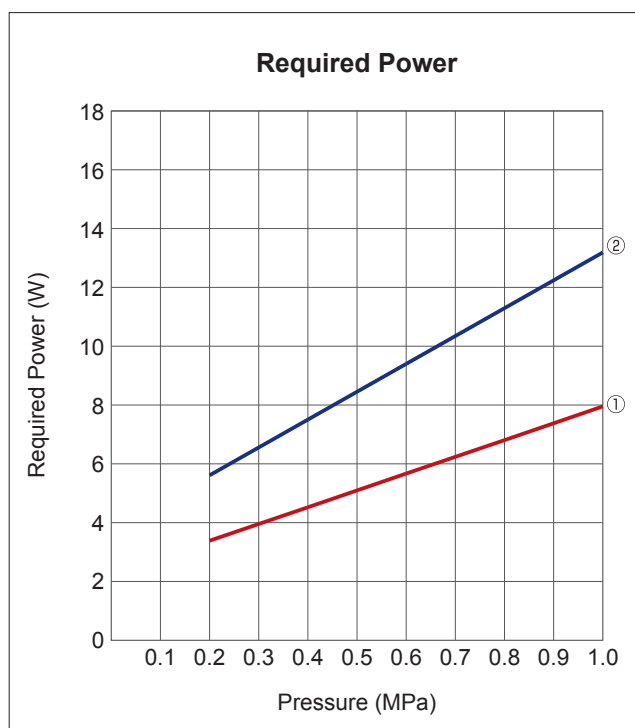
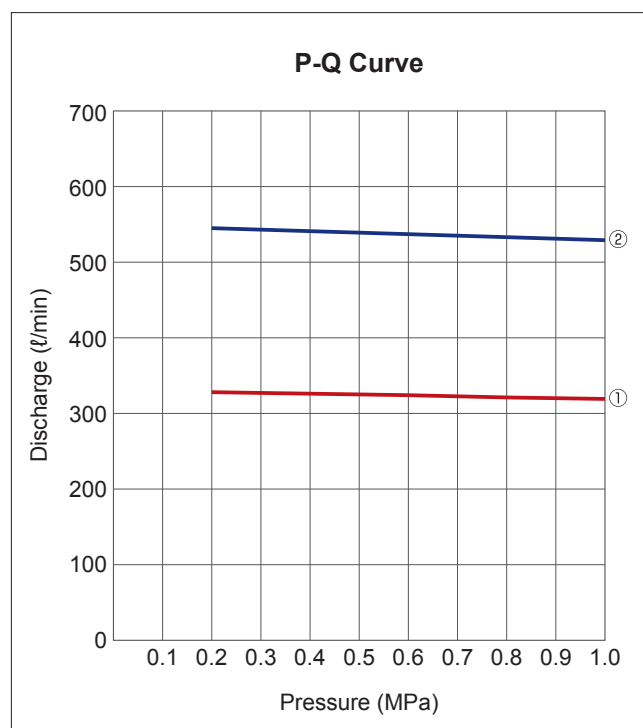
4A Performance Curve

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.

960 min⁻¹

① 4300AVB ② 4500AVB



Model	Item	Discharge (l/min)					Required Power (W)				
		Pressure (MPa)					Pressure (MPa)				
		0.2	0.4	0.6	0.8	1.0	0.2	0.4	0.6	0.8	1.0
TOP-4300AVB		328	326	324	321	319	3.37	4.51	5.66	6.80	7.95
TOP-4500AVB		546	542	538	534	530	5.60	7.50	9.40	11.30	13.20

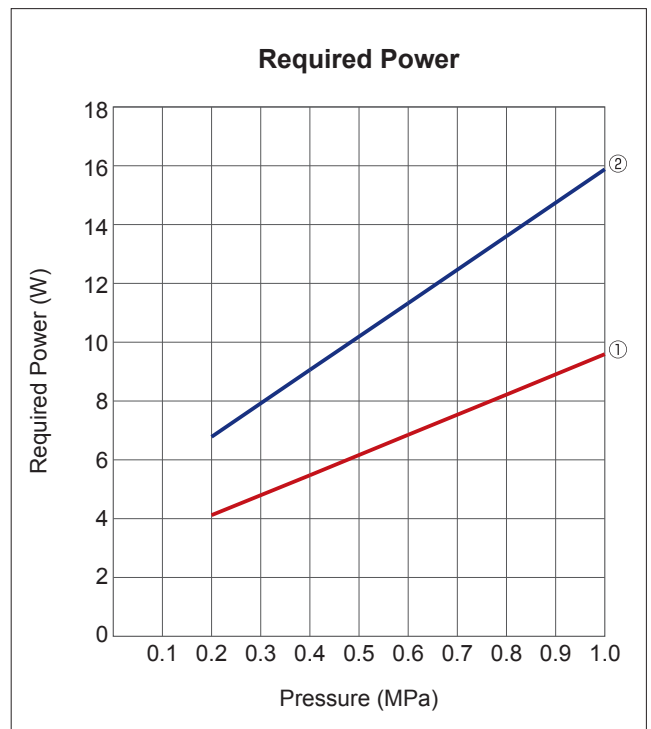
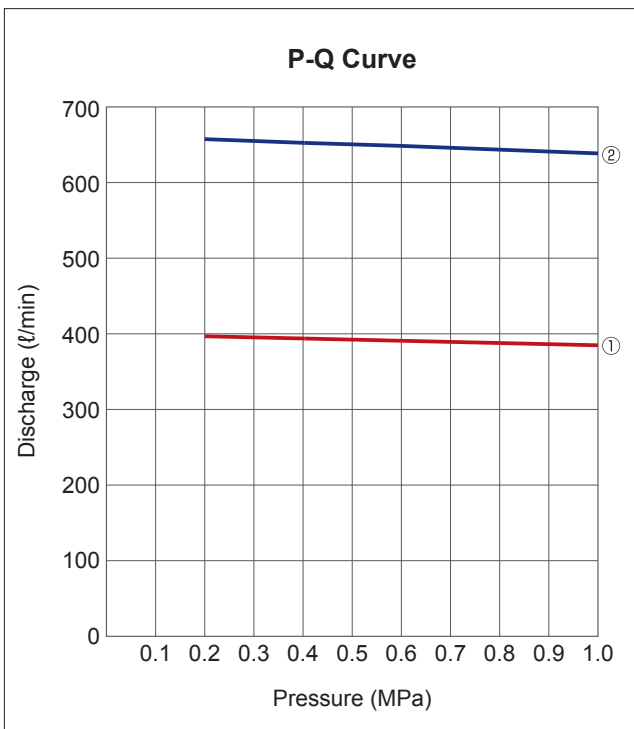
Any disassembly or alteration of the product will void the warranty.

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.

1160 min⁻¹

① 4300AVB ② 4500AVB



Model	Item	Discharge (ℓ/min)					Required Power (W)				
		Pressure (MPa)					Pressure (MPa)				
		0.2	0.4	0.6	0.8	1.0	0.2	0.4	0.6	0.8	1.0
TOP-4300AVB		397	394	391	388	385	4.07	5.44	6.83	8.21	9.60
TOP-4500AVB		659	654	650	645	640	6.76	9.06	11.35	13.65	15.95