

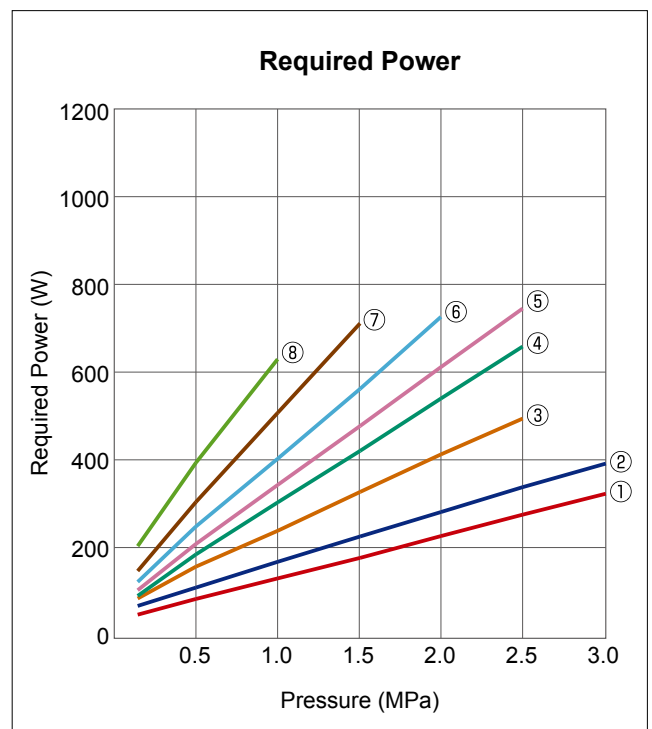
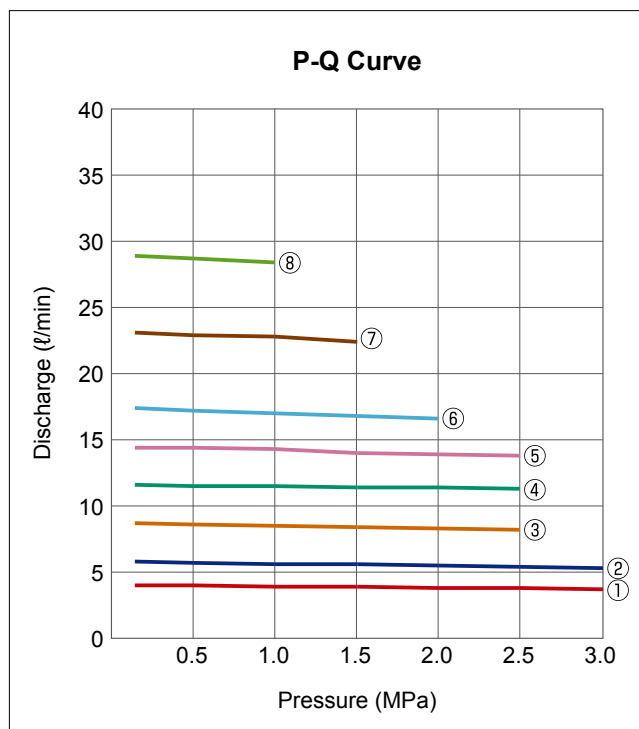
2HB(M) Performance Curve

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⁻¹

- ① 203HB
- ② 204HB
- ③ 206HB
- ④ 208HB
- ⑤ 210HB
- ⑥ 212HB
- ⑦ 216HB
- ⑧ 220HB



Item / Model	Discharge (l/min)							Required Power (W)						
	Pressure (MPa)							Pressure (MPa)						
	0.1	0.5	1.0	1.5	2.0	2.5	3.0	0.1	0.5	1.0	1.5	2.0	2.5	3.0
TOP-203HB	4.0	4.0	3.9	3.9	3.8	3.8	3.7	48	84	131	178	228	277	325
TOP-204HB	5.8	5.7	5.6	5.6	5.5	5.4	5.3	68	110	169	227	283	340	394
TOP-206HB	8.7	8.6	8.5	8.4	8.3	8.2		85	158	240	329	415	497	
TOP-208HB	11.6	11.5	11.5	11.4	11.4	11.3		91	186	305	423	543	662	
TOP-210HB	14.4	14.4	14.3	14.0	13.9	13.8		104	210	345	480	615	749	
TOP-212HB	17.4	17.2	17.0	16.8	16.6			123	250	405	565	730		
TOP-216HB	23.1	22.9	22.8	22.4				148	306	510	715			
TOP-220HB	28.9	28.7	28.4					205	396	633				

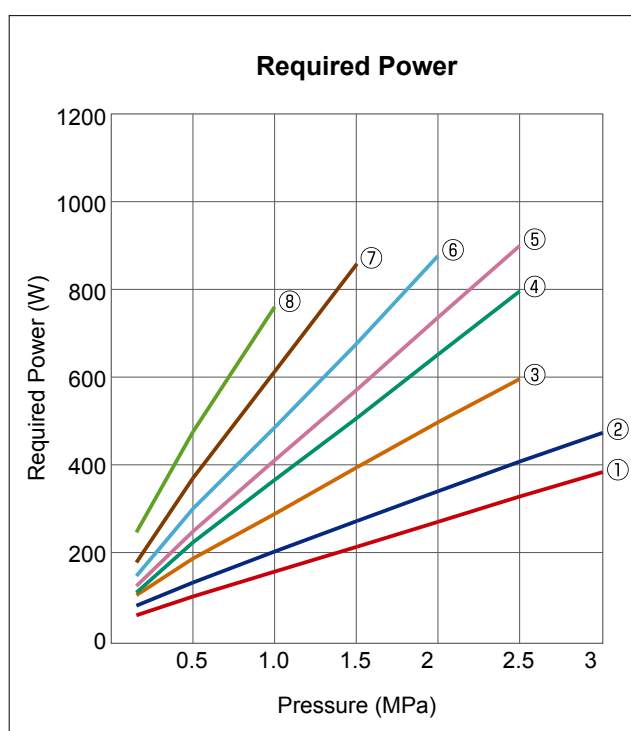
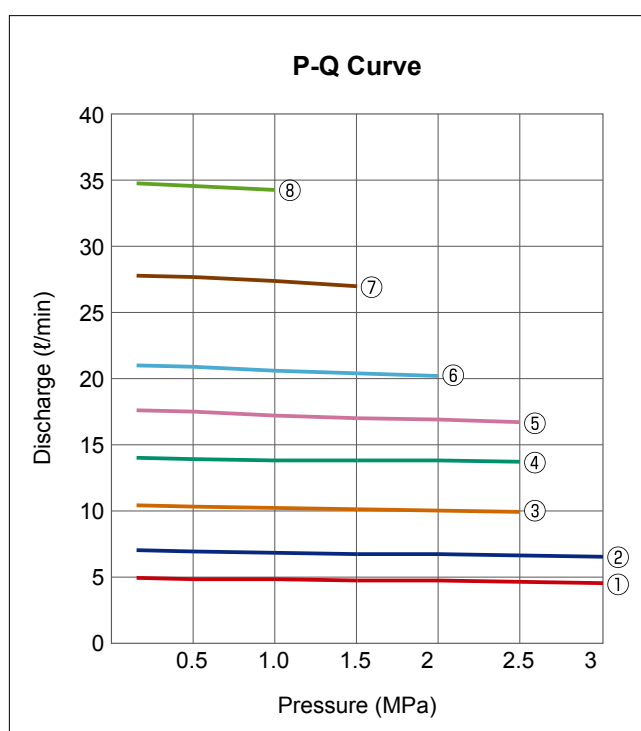
Any disassembly or alteration of the product will void the warranty.

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.

1750 min⁻¹

- ① 203HB
- ② 204HB
- ③ 206HB
- ④ 208HB
- ⑤ 210HB
- ⑥ 212HB
- ⑦ 216HB
- ⑧ 220HB



Item / Model	Discharge (ℓ/min)							Required Power (W)						
	Pressure (MPa)							Pressure (MPa)						
	0.1	0.5	1.0	1.5	2.0	2.5	3.0	0.1	0.5	1.0	1.5	2.0	2.5	3.0
TOP-203HB	4.9	4.8	4.8	4.7	4.7	4.6	4.5	58	101	158	215	272	330	386
TOP-204HB	7.0	6.9	6.8	6.7	6.7	6.6	6.5	80	133	204	274	342	410	476
TOP-206HB	10.4	10.3	10.2	10.1	10.0	9.9		104	188	290	397	500	599	
TOP-208HB	14.0	13.9	13.8	13.8	13.8	13.7		110	225	368	510	655	800	
TOP-210HB	17.6	17.5	17.2	17.0	16.9	16.7		125	250	413	575	740	904	
TOP-212HB	21.0	20.9	20.6	20.4	20.2			148	302	488	681	881		
TOP-216HB	27.8	27.7	27.4	27.0				179	372	616	863			
TOP-220HB	34.8	34.6	34.3					248	478	764				