

PowerFlow Deepwell Submersible Pumps Selection Guide

4PFP S - Series

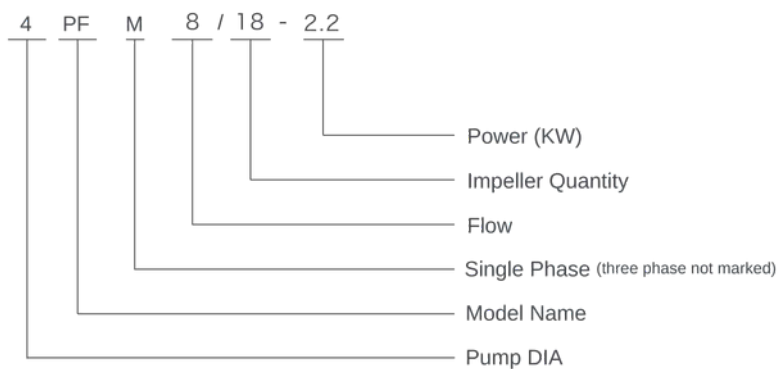
Application Limits

- Max. ambient temperature < 40°C;
- Sand content (in mass fraction) up to 0.01%;
- Hydrogen sulfide content up to 1.5mg/L, chloride ion content up to 400mg/L;
- PH 6.5 to 8.5;
- Maximum: 70m below the static water table.

Application Fields

- Building / construction work / domestic water supply;
- Irrigation and small water work;
- Landscaping;
- Water conservancy system;
- Factory.

Model Example

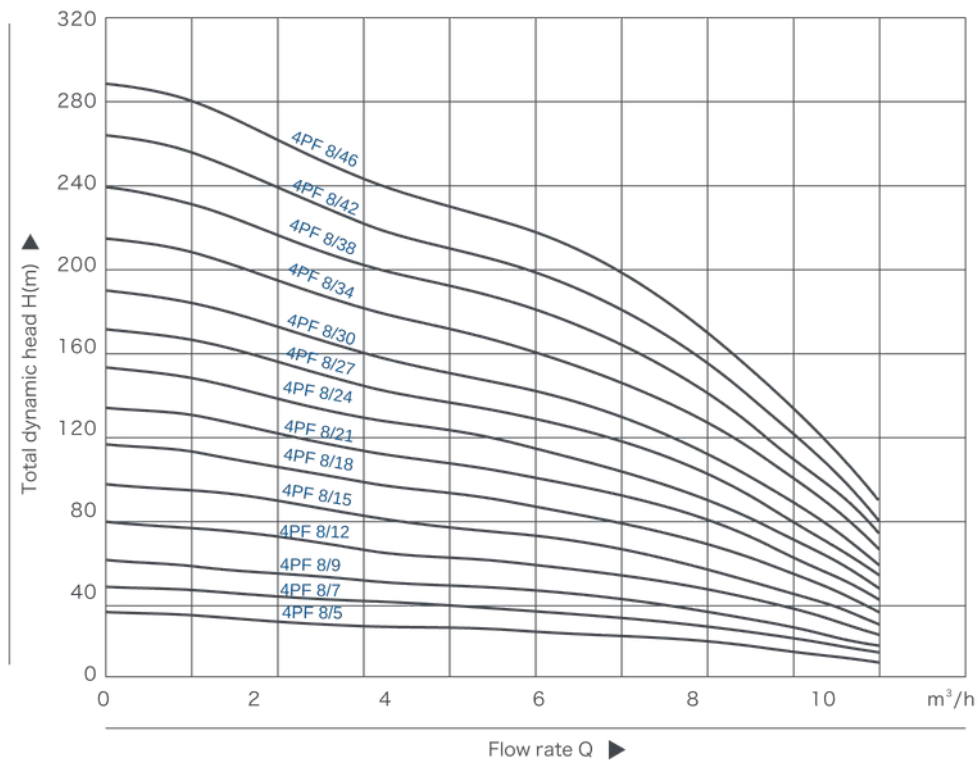


4PFP (S - Series)

Performance Curves
Selection Chart

4PFP-8T

Performance chart at $n = 2850 \text{ RPM}$



4PFP(M) – 8T Performance Table

Model		Power		Flow (T/h)												n≈2850 1/min	
1~ 220-240V	3~ 380V/415V	KW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8		
					L/min	0	20	40	60	80	100	120	140	160	180		
4PFP(M) 8/5	4PF 8/5	0.55	0.75	Head (m)		31	31	28	26	25	24	21	18	14	9		
4PFP(M) 8/6	4PF 8/6	0.75	1			38	37	34	32	30	28	26	22	17	11		
4PFP(M) 8/7	4PF 8/7	0.75	1			44	43	40	37	35	33	30	26	20	13		
4PFP(M) 8/8	4PF 8/8	1.1	1.5			50	49	46	42	40	38	34	29	23	15		
4PFP(M) 8/9	4PF 8/9	1.1	1.5			56	55	51	48	45	42	39	33	26	17		
4PFP(M) 8/10	4PF 8/10	1.5	2			63	61	57	53	50	47	43	37	28	18		
4PFP(M) 8/12	4PF 8/12	1.5	2			75	73	68	63	60	57	51	44	34	22		
4PFP(M) 8/15	4PF 8/15	2.2	3			94	92	85	79	75	71	64	55	43	28		
4PFP(M) 8/18	4PF 8/18	2.2	3			113	110	103	95	90	85	77	66	51	33		
-	4PF 8/21	3	4			131	128	120	111	105	99	90	77	60	39		
-	4PF 8/24	3	4			150	147	137	127	120	113	103	88	68	44		
-	4PF 8/27	4	5.5			169	165	154	143	135	127	116	99	77	50		
-	4PF 8/30	4	5.5			188	183	171	158	150	142	128	110	85	55		
-	4PF 8/34	5.5	7.5			213	208	194	180	170	160	146	124	97	63		
-	4PF 8/38	5.5	7.5			238	232	216	201	190	179	163	139	108	70		
-	4PF 8/42	7.5	10			263	257	239	222	210	198	180	153	120	78		
-	4PF 8/46	7.5	10			288	281	262	243	230	217	197	168	131	85		