

PowerFlow Deepwell Submersible Pumps Selection Guide

4PFP S - Series

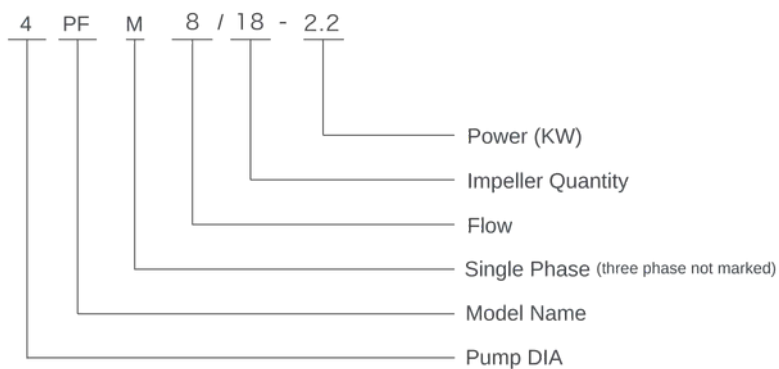
Application Limits

- 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

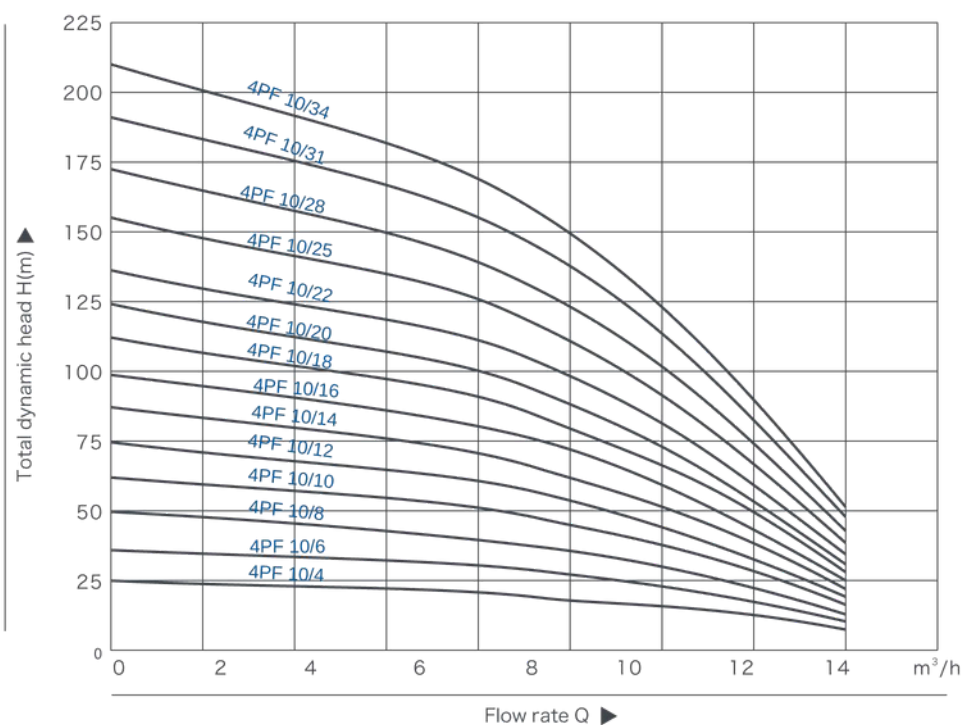


4PFP (S - Series)

Performance Curves
Selection Chart

4PFP-10T

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



4PFP(M) – 10T Performance Table

Model		Power		Flow (T/h)										n≈2850 1/min			
1~ 220-240V	3~ 380V/415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4			
					L/min	0	30	60	90	120	150	180	210	240			
4PFP(M) 10/4	4PF 10/4	0.75	1	Head (m)		25	24	23	21	20	18	14	10	6			
4PFP(M) 10/5	4PF 10/5	0.75	1			31	30	28	27	25	22	18	13	7			
4PFP(M) 10/6	4PF 10/6	1.1	1.5			37	36	34	32	30	26	22	16	9			
4PFP(M) 10/7	4PF 10/7	1.1	1.5			43	42	40	37	35	31	25	18	10			
4PFP(M) 10/8	4PF 10/8	1.5	2			49	48	45	43	40	35	29	21	12			
4PFP(M) 10/10	4PF 10/10	1.5	2			62	59	56	54	50	44	36	26	14			
4PFP(M) 10/12	4PF 10/12	2.2	3			74	71	68	64	60	53	43	31	17			
4PFP(M) 10/14	4PF 10/14	2.2	3			86	83	79	75	70	62	51	36	20			
-	4PF 10/16	3	4			99	95	90	86	80	71	58	41	23			
-	4PF 10/18	3	4			111	107	102	96	90	79	65	47	26			
-	4PF 10/20	4	5.5			124	119	113	107	100	88	72	52	29			
-	4PF 10/22	4	5.5			136	131	124	118	110	97	80	57	32			
-	4PF 10/25	5.5	7.5			154	149	141	134	125	110	90	65	36			
-	4PF 10/28	5.5	7.5			173	166	158	150	140	124	101	72	40			
-	4PF 10/31	7.5	10			191	184	175	166	155	137	112	80	45			
-	4PF 10/34	7.5	10			210	202	192	182	170	150	123	88	49			