

PowerFlow Deepwell Submersible Pumps Selection Guide

3PFP S - Series

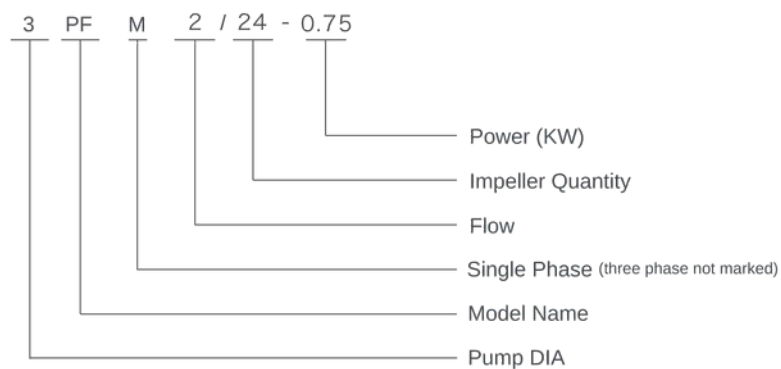
Application Limits

- 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.

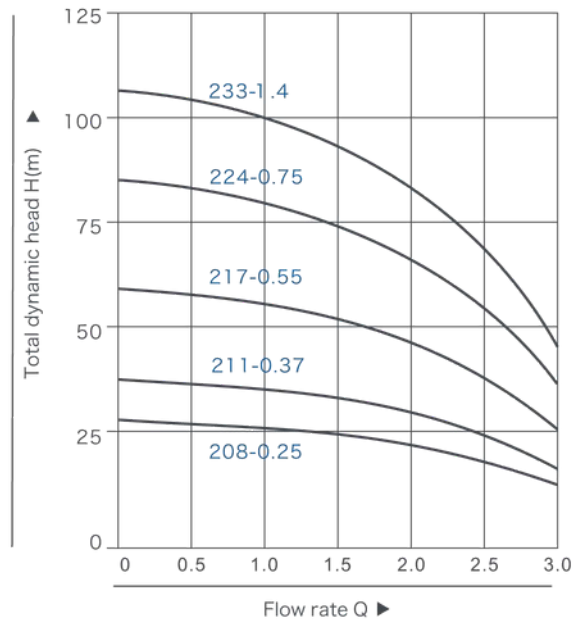
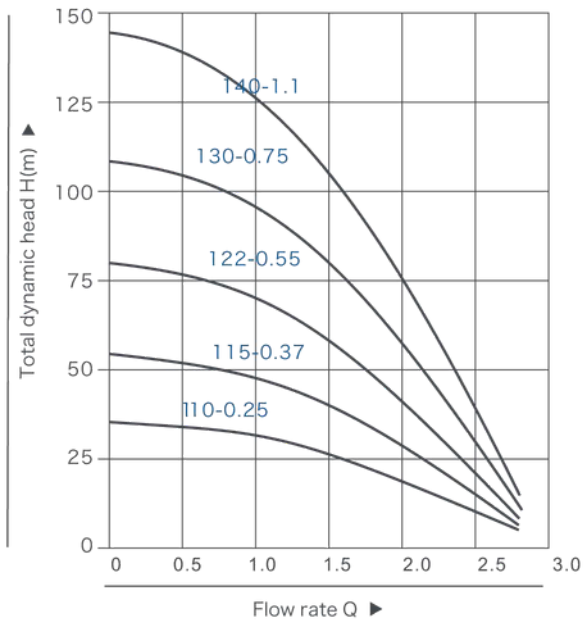
Model Example



3PFP (S - Series)

Performance Curves Selection Chart

Performance chart at $n = 2850$ RPM



3PFP(M) – 1T Performance Table

Model	Power		Flow (T/h)									Dimensions	
			L/min	0	8	17	25	30	33	42	47	Length	Weight
Single-phase 220-240V 50 Hz	KW	HP	m³/h	0	0.5	1.0	1.5	1.8	2	2.5	2.8	mm	kg
3PFP(M) 1/10 - 0.25	0.25	0.33	Head (m)	38	36	33	28	23	20	10	4	742	7.75
3PFP(M) 1/15 - 0.37	0.37	0.5		55	54	50	40	34	29	14	5	900	9.35
3PFP(M) 1/22 - 0.55	0.55	0.75		79	78	72	58	50	42	20	7	1140	11
3PFP(M) 1/30 - 0.75	0.75	1		108	105	93	76	64	57	27	10	1395	13.3
3PFP(M) 1/40 - 1.1	1.1	1.5		144	132	120	91	76	60	25	13	1705	15.7

3PFP(M) – 2T Performance Table

Model	Power		Flow (T/h)									Dimensions	
			L/min	0	8	17	25	30	33	42	47	Length	Weight
Single-phase 220-240V 50 Hz	KW	HP	m³/h	0	0.5	1.0	1.5	1.8	2	2.5	2.8	mm	kg
3PFP(M) 2/08 - 0.25	0.25	0.33	Head (m)	28	27	26	25	23	22	17	11	720	7.1
3PFP(M) 2/11 - 0.37	0.37	0.5		39	37	36	34	32	30	24	15	828	8.2
3PFP(M) 2/17 - 0.55	0.55	0.75		60	58	56	52	49	46	37	23	1054	9.8
3PFP(M) 2/24 - 0.75	0.75	1		85	82	79	74	70	65	52	33	1316	11.9
3PFP(M) 2/33 - 1.1	1.1	1.5		110	107	101	95	90	85	67	42	1604	14.2