



PS (1~)

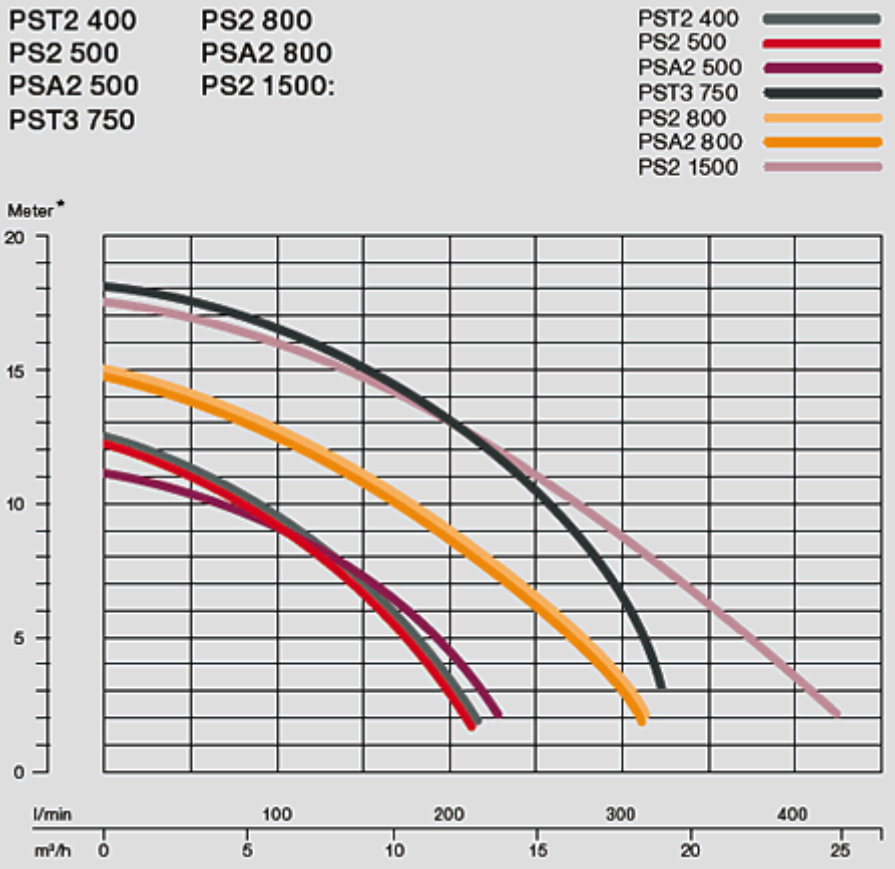
Electric Submersible Pumps



Flexible, fast and reliable

The lightweight portable submersible pumps of the PS series can handle the removal of trash water containing solids up to 9.5 mm. They are designed for use in construction, civil engineering and agriculture, and by local authorities. They are extremely robust and easy to use. The high-quality components guarantee a long service life. Used in conjunction with specific accessories, such as a float switch for level control and a bottom suction plate to drain down to a few millimeters, the PS pumps can be employed for a broad range of tasks.

- Safe to run dry: No fusing, even when used in "snore mode" (i.e. running intermittently due to lack of water) for long periods.
- Built-in thermal protection switch prevents motor damage if the impeller gets blocked by large particles.
- Extremely wear-resistant: Internal mechanical silicon carbide seal runs in an oil bath.
- Available either with safety plug or motor protection safety plug. Versions with side discharge or automatic operating mode available.



Operation at 3,500 1/min
* total discharge head

**Technical specifications**

	PST2 400	PST3 750	PS2 500	PSA2 500
Dimensions				
L x W x H mm	265 x 185 x 330	285 x 184 x 389	185 x 185 x 355	220 x 185 x 355
Diameter (pressure pipe) mm	50	80	50	50
Operating weight kg	11.3	19	9.5	10
Cable length m	10	10	10	10
Cable Size mm ²	1	1	1	1
Operating data				
Total head m	12	18	11	11
Discharge capacity max. l/min	200	230	220	220
Solids diameter max. mm	9.5	7	6	6
Engine / Motor type	50 Hz 1~	50 Hz 1~	50 Hz 1~	50 Hz 1~
Operating voltage V	230	230	230	230
Current (full load with 230V) A	2.6	4.6	2.9	2.9
Current (start with 230V) A	7	14	7	7
at rpm rpm	3,000	2,820	3,000	3,000

	PS2 800	PSA2 800	PS2 1500
Dimensions			
L x W x H mm	187 x 187 x 341	223 x 187 x 341	187 x 187 x 600
Diameter (pressure pipe) mm	50	50	50
Operating weight kg	13.2	13.8	32.5
Cable length m	10	10	10
Cable Size mm ²	1	1	4
Operating data			
Total head m	15	15	17.5
Discharge capacity max. l/min	310	310	420
Solids diameter max. mm	6	6	6
Engine / Motor type	50 Hz 1~	50 Hz 1~	50 Hz 1~
Operating voltage V	230	230	230
Current (full load with 230V) A	5	5	14.8
Current (start with 230V) A	12.3	12.3	65
at rpm rpm	2,730	2,730	2,900



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Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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