



PS (1~)

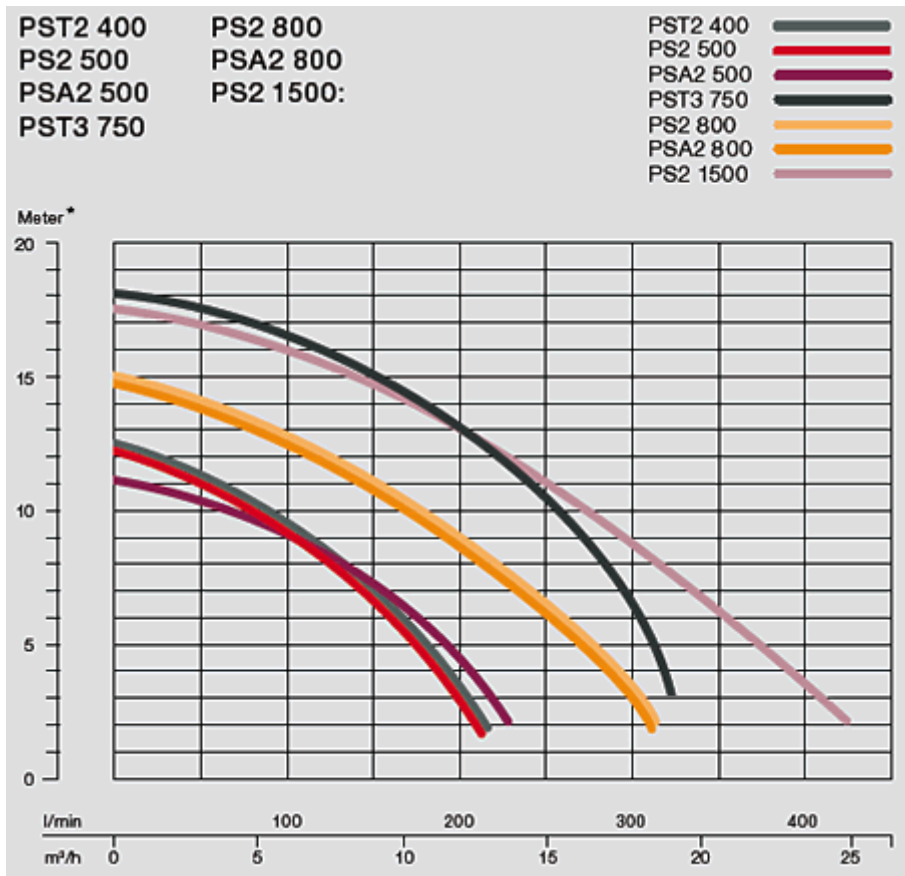
Submersible Pumps



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.



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 |



| | PST2 400 | PST3 750 | PS2 500 | PSA2 500 |
|------------------------------------|-----------------|-----------------|----------------|-----------------|
| 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 |

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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