



## PS (3~)

### Submersible Pumps

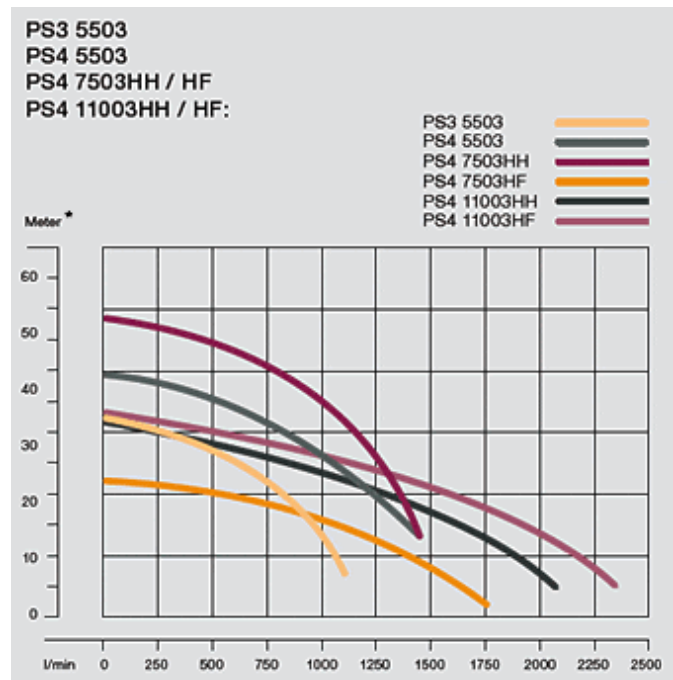
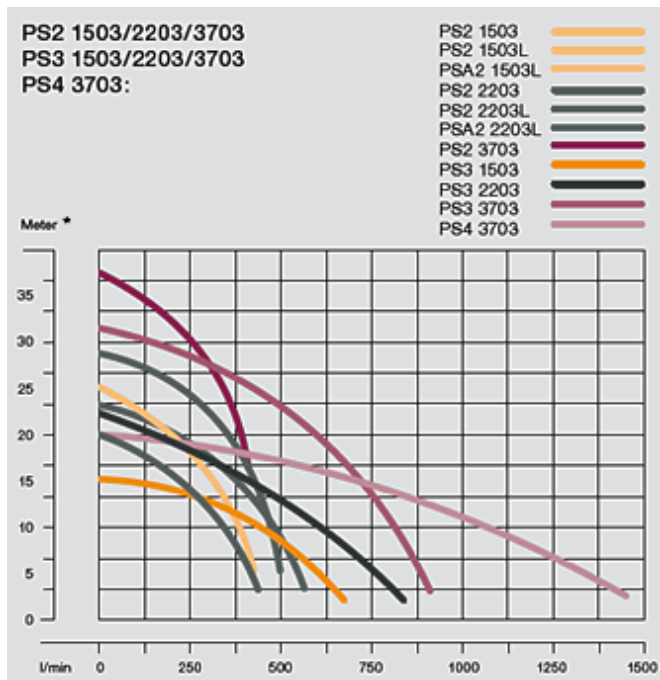


### Powerful three-phase pumps for tough jobs

The three-phase submersible pumps of the PS series can handle the removal of trash water containing solids up to 20 mm diameter. They deliver an outstanding performance with their high volume and discharge head. Therefore they are the ideal choice when it comes to fast and reliable job site dewatering. Their high-quality construction makes them extremely robust and easy to use. The PS series includes very light aluminium and automatic models.

- Safe to run dry: No fusing, even when used in "snore mode" (i.e. running intermittently due to lack of water) for long periods.
- A high-performance main cable with strain relief and special water block insulation increase the durability and service life of the motor.
- Extremely wear-resistant: Internal mechanical silicon carbide seal runs in an oil bath.
- Pumps are available with phase inverter and motor protection, or with phase inverter, motor protection and float.

Operation at 3,500 1/min





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\* total discharge head



## Technical specifications

### Pressure pipe diameter 2" (50 mm)

	PS2 1503	PS2 1503L*	PS2 2203	PS2 2203L*	PS2 3703
<b>Dimensions</b>					
L x W x H mm	235 x 215 x 550	240 x 240 x 392	235 x 215 x 570	240 x 240 x 412	285 x 250 x 655
Diameter (pressure pipe) mm	50	50	50	50	50
Operating weight kg	29	19.5	32	23	55
Cable length m	20	20	20	20	20
Cable Size mm <sup>2</sup>	1.5	5	1.5	5	1.5
<b>Operating data</b>					
Total head m	21.5	20	26	24	36.5
Discharge capacity max. l/min	430	420	500	530	450
Solids diameter max. mm	8.5	8.5	8.5	8.5	8.5
Engine / Motor type	50 Hz 3~	50 Hz 3~	50 Hz 3~	50 Hz 3~	50 Hz 3~
Operating voltage V	400	400/415	400	400/415	400
Current (full load with 400 V) A	3.4	3.3	5.5	4.3	7.5
Current (start with 400 V) A	20	19	36	30	58
at rpm rpm	2,850	2,870	2,860	2,870	2,850

### Pressure pipe diameter 3" (75 mm)

	PS3 1503	PS3 2203	PS3 3703	PS3 5503
<b>Dimensions</b>				
L x W x H mm	235 x 215 x 550	235 x 215 x 570	285 x 250 x 655	305 x 260 x 695
Diameter (pressure pipe) mm	75	75	75	75
Operating weight kg	29	32	55	66
Cable length m	20	20	20	20
Cable Size mm <sup>2</sup>	1.5	1.5	1.5	2.5
<b>Operating data</b>				
Total head m	14.4	20.4	29	32
Discharge capacity max. l/min	670	800	900	1,100
Solids diameter max. mm	8.5	8.5	8.5	8.5
Engine / Motor type	50 Hz 3~	50 Hz 3~	50 Hz 3~	50 Hz 3~
Operating voltage V	400	400	400	400
Current (full load with 400V) A	3.4	5.5	7.5	10.8



	PS3 1503	PS3 2203	PS3 3703	PS3 5503
Current (start with 400V) A	20	36	58	86
at rpm rpm	2,850	2,860	2,850	2,860

### Pressure pipe diameter 4" (100 mm)

	PS4 3703	PS4 5503	PS4 7503HF	PS4 7503HH
<b>Dimensions</b>				
L x W x H mm	285 x 250 x 675	305 x 260 x 705	330 x 315 x 785	330 x 315 x 785
Diameter (pressure pipe) mm	100	100	100	100
Operating weight kg	55	66	93	93
Cable length m	20	20	20	20
Cable Size mm <sup>2</sup>	1.5	2.5	4	4
<b>Operating data</b>				
Total head m	18	22.5	31	40
Discharge capacity max. l/min	1,440	1,750	2,040	1,400
Solids diameter max. mm	8.5	8.5	20	8.5
Engine / Motor type	50 Hz 3~	50 Hz 3~	50 Hz 3~	50 Hz 3~
Operating voltage V	400	400	400	400
Current (full load with 400V) A	7.5	10.8	14.3	14.3
Current (start with 400V) A	58	86	117	117
at rpm rpm	2,850	2,860	2,880	2,880

	PS4 11003HF	PS4 11003HH
<b>Dimensions</b>		
L x W x H mm	375 x 350 x 805	375 x 350 x 805
Diameter (pressure pipe) mm	100	100
Operating weight kg	130	130
Cable length m	20	20
Cable Size mm <sup>2</sup>	4	4
<b>Operating data</b>		
Total head m	32.5	48.5
Discharge capacity max. l/min	2,440	1,440
Solids diameter max. mm	20	8.5
Engine / Motor type	50 Hz 3~	50 Hz 3~
Operating voltage V	400	400



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	PS4 11003HF	PS4 11003HH
Current (full load with 400V) A	21	21
Current (start with 400V) A	152	152
at rpm rpm	2,910	2,910

**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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