

- + Single-phase submersible pumps.
- + Lightweight, compact design.
- + Built-in thermal protection.
- + Heavy-duty power cord with strain relief.
- + Insulation on all power cable conductors are protected by a water block system.
- + Silicon carbide faced double mechanical seals run in an isolated oil-filled cavity.
- + Preliminary v-ring or lip seal (depending on model) shields the mechanical seal.
- + Semi-vortex impeller (except for PS2 750).
- + Semi-open ductile iron impeller with replaceable/adjustable, stainless steel wearplate (PS2 750 only).



Application

Lightweight, portable, single-phase submersible pumps are designed to handle water and solids up to .4 inch. Built for the demands of construction, mining, municipality and farm applications.

Specifications

Technical Data	PS2 400	PS2 500	PSA2 500
Discharge diameter	2	2	2
Length x width x height	9.8 x 7.3 x 13	7.3 x 7.3 x 12	8.7 x 7.3 x 12
Operating weight	25	21	22
Shipping weight	29	28	30
Shipping size (l x w x h)	16.3 x 10.3 x 8.8	13.8 x 9.8 x 9	14.3 x 10.3 x 9
Max. head	39	39.5	39.5
Max. discharge	53	62.4	62.4
Max. pressure	16.8	17	17
Solid size capacity	.4	.2	.2
Motor type	Single phase/60 Hz		
Voltage	110V	110, 220V	110V
Current (full load/start @ 110V)A	5.4/12.5	6.1/12.5	6.1/12.5
Current (full load/start @ 220 V)A	na	3.0/8.0	na
Speed	3350	3270	3270
Power	1/2	2/3	2/3
Cable length	20	32	32
Cable size	16	16	16
Impeller material	Urethane rubber	Urethane rubber	Urethane rubber
Impeller type	Semi-vortex	Semi-vortex	Semi-vortex

Specifications

Technical Data	PS2 750	PS3 1500	PS3 2200
Discharge diameter	2	3	3
Length x width x height	7.3 x 7.3 x 16.3	9.5 x 9.5 x 22.5	9.5 x 9.5 x 22.5
Operating weight	35	63.5	64
Shipping weight	43	78	78
Shipping size (l x w x h)	18 x 9.3 x 9	13.5 x 13 x 28	13.5 x 13 x 28
Max. head	60	69	85
Max. discharge	73	111	130
Max. pressure	26	30	37
Solid size capacity	.2	.3	.3
Motor type	Single phase/60 Hz		
Voltage	110, 220V	110, 220V	220V
Current (full load/start @ 110V)A	11.5/43	23/136	na
Current (full load/start @ 220 V)A	6.5/25.5	11.5/68	13/70
Speed	3370	3440	3465
Power	1	2	3
Cable length	50	32	32
Cable size	14	12	14
Impeller material	Ductile iron	Ductile iron	Ductile iron
Impeller type	Semi-open	Semi-vortex	Semi-vortex