

Submersible Pumps

Single phase .5 - 3 hp (.4 - 2.2 kW)

PS2 400/500/750

PSA2 500

PS3 1500/2200

Submersible pumps provide the most cost-effective means to move water

» No matter how large or small the job, WACKER's single-phase submersible pumps offer the versatility and durability contractors need for light dewatering. This family of pumps offers big pump features for a small pump investment. «

WACKER

- ▣ Reliable
- ▣ Trustworthy
- ▣ Accessible
- ▣ Responsive



Additional Advantages:

- + These high performance single-phase submersible pumps are capable of handling solids up to .4 inches, ideal for jobsites needing fast dependable dewatering.
- + Lightweight, compact design with heavy-duty, strain relief power cord gives you a pump easy to transport and install but yet highly durable.
- + Built-in thermal protection prevents motor damage due to impeller blockage, reducing service repairs.
- + Silicon carbide faced double mechanical seals run in an isolated oil-filled cavity, allowing for seal lubrications, cooling and overall motor protection.
- + Preliminary v-ring or lip seal shields the mechanical seal from abrasive wear due to suspended debris in pumping fluid.



Technical Data		PS2 400	PS2 500	PSA2 500	PS2 750	PS3 1500	PS3 2200
Discharge diameter	in (mm)	2 (50)	2 (50)	2 (50)	2 (50)	3 (80)	3 (80)
Length x width x height	in (mm)	9.8 x 7.3 x 13 (250x185x330)	7.3 x 7.3 x 12 (185x185x305)	8.7 x 7.3 x 12 (220x185x305)	7.3 x 7.3 x 16.3 (185x185x415)	9.5 x 9.5 x 22.5 (240x240x570)	9.5 x 9.5 x 22.5 (240x240x570)
Operating weight	lb (kg)	25 (11.3)	21 (9.5)	22 (10)	35 (16)	63.5 (28.8)	64 (29)
Shipping weight	lb (kg)	29 (13.2)	28 (12.7)	30 (13.6)	43 (19.5)	78 (35)	78 (35)
Shipping size (l x w x h)	in (mm)	16.3 x 10.3 x 8.8 (415x260x225)	13.8 x 9.8 x 9 (350x250x230)	14.3 x 10.3 x 9 (365x270x230)	18 x 9.3 x 9 (455x235x230)	13.5 x 13 x 28 (345x330x710)	13.5 x 13 x 28 (345x330 x710)
Max. head	ft (m)	39 (12)	39.5 (12)	39.5 (12)	60 (18)	69 (21)	85 (26)
Max. discharge	gal/min (l/min)	53 (200)	62.4 (236)	62.4 (236)	73 (276)	111 (420)	130 (493)
Max. pressure	psi	16.8	17	17	26	30	37
Solid size capacity	in (mm)	.4 (9.5)	.2 (6)	.2 (6)	.2 (6)	.3 (8.5)	.3 (8.5)
Motor type	Single phase, 60Hz						
Voltage		110V	110, 220V	110V	110, 220V	110, 220V	220V
Current (full load/start)							
@ 110V	A	5.4/12.5	6.1/12.5	6.1/12.5	11.5/43	23/136	na
@ 220V	A	na	3.0/8.0	na	6.5/25.5	11.5/68	13/70
Speed	rpm	3350	3270	3270	3370	3440	3465
Power	hp (kW)	1/2 (.4)	2/3 (.48)	2/3 (.48)	1 (.75)	2 (1.5)	3 (2.2)
Cable length	ft (m)	20 (6)	32 (10)	32 (10)	50 (15)	32 (10)	32 (10)
Cable size	awg (mm ²)	16 (1.25)	16 (1.25)	16 (1.25)	14 (2)	12 (3.5)	14 (2)
Impeller material	Urethane rubber			Ductile iron			
Impeller type		Semi-vortex	Semi-vortex	Semi-vortex	Semi-open	Semi-vortex	Semi-vortex

Standard Package

Submersible Pumps
Single Phase

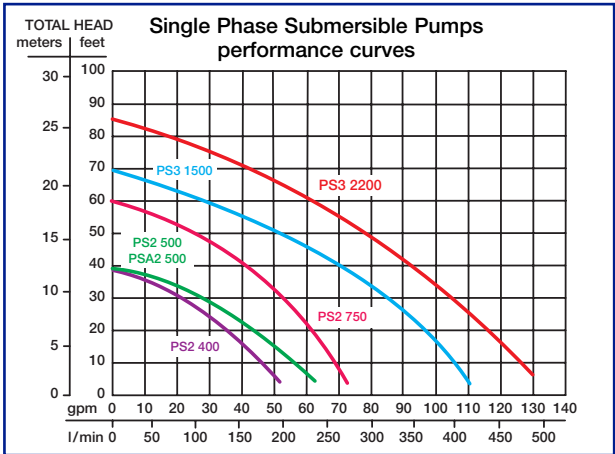
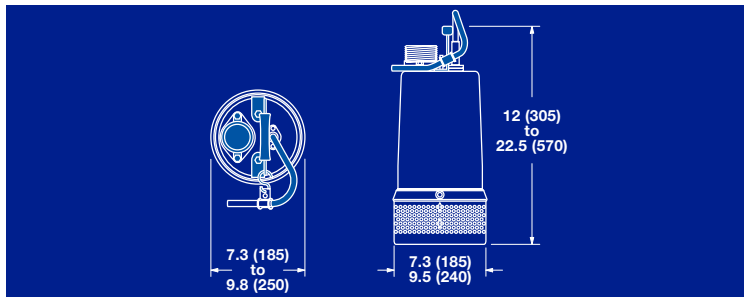
PS2 400/500/750
PSA2 500
PS3 1500/2200

includes electrical supply cable, operator's manual and parts book.

Model Guide

PS = Submersible pump
A = Automatic switch, 2 or 3 = Discharge diameter in inches
400, 500, 750, 1500 or 2200 = Power in Watts

Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development.

0982703/Jun-2004/Layout Goes Studio/A to Z Printing

