

Single-phase Submersible Pumps

Submersible Pumps



**WACKER
NEUSON**
all it takes!



Submersible pumps for cost-effective means to move water

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

- These high performance single-phase submersible pumps are capable of handling solids up to .4 inches, ideal for job sites needing fast dependable dewatering.
- Lightweight, compact design with heavy-duty strain relief power cord offers a highly durable pump that is still easy to transport and install.
- 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.
- PST models feature shaft-mounted agitators which suspend solids when pumping sand and debris. Built with ductile iron housing for excellent wear life when pumping water with some entrapped solids.

Single-phase Submersible Pumps Technical specifications

	PST2 400/PSTF2 400	PS2 500	PSA2 500	PS2 800	PSA2 800
Dimensions					
L x W x H in	10.04 x 7.28 x 12.91	7.32 x 7.32 x 11.97	8.74 x 7.32 x 11.97	7.56 x 7.36 x 13.43	7.56 x 8.78 x 13.43
L x W x H Shipping in	16.25 x 10 x 8.5	13.75 x 9.75 x 9	14.25 x 10.25 x 9	18.75 x 10.5 x 10.25	18.75 x 10.5 x 10.25
Diameter Discharge in	2	2	2	2	2
Operating weight lb	25	21	22	29	30
Shipping weight lb	30	28	30	36	37
Cable length ft	20	32	32	49	49
Cable Size AWG	16	16	16	14	14
Operating data					
Total head ft	39	39	39	59	59
Discharge capacity US gpm	53	62.34	62.34	82	82
Solids diameter in	0.276	0.236	0.236	0.236	0.236
Engine / Motor type	60 Hz 1~	60 Hz 1~	60 Hz 1~	60 Hz 1~	60 Hz 1~
Operating voltage V	110	110 / 220	110	110 / 220	220
Current Full Load A	5.4	6.1 / 3.0	6.1	10.1 / 5.3	5.3
Current Start A	12.6	12.5 / 8.0	12.5	21.1 / 11.0	11.0
at rpm rpm	3,321	3,270	3,270	3,300	3,300
	PST3 750/PSTF3 750	PS3 1500	PSW3 1500	PS3 2200	
Dimensions					
L x W x H in	12.48 x 7.28 x 15.28	9.45 x 9.45 x 22.48	7.36 x 7.36 x 23.35	9.45 x 9.45 x 22.48	
L x W x H Shipping in	19 x 13 x 10.25	13.5 x 13 x 28	26 x 11 x 13.25	13.5 x 13 x 28	
Diameter Discharge in	3	3	3	3	
Operating weight lb	42	63.5	72	63.9	
Shipping weight lb	48	78	88	78	
Cable length ft	33	32	49	32	
Cable Size AWG	14	12	12	14	
Operating data					
Total head ft	62	68.9	68.9	85.3	
Discharge capacity US gpm	60	111	111	130.2	
Solids diameter in	0.276	0.334	0.236	0.334	
Engine / Motor type	60 Hz 1~	60 Hz 1~	60 Hz 1~	60 Hz 1~	
Operating voltage V	110 / 220	110 / 220	110 / 220	220	
Current Full Load A	10.0 / 4.7	23 / 11.5	27.1 / 13.7	13	
Current Start A	25.0 / 13.0	136 / 68	108.0 / 54.0	70	
at rpm rpm	3,408	3,440	3,480	3,465	

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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