

# Three-phase Submersible Pumps

## Submersible Pumps



**WACKER  
NEUSON**  
*all it takes!*



### Heavy duty submersible pumps for all size jobs

No matter how large or small the job, Wacker Neuson's three-phase submersible pumps offer the versatility and durability contractors need for dewatering on the job sites. This comprehensive family of pumps offers big pumps features for a small pump investment. The heavy-duty line is capable of handling solids up to .08 inch (20 mm) and are ideal for job sites needing fast and dependable dewatering.

- Slim line design with top discharge enables operation at low water levels for extended periods.
- Built-in thermal protection prevents damage to motor windings in the event of dry run situations.
- Durable high chrome impeller with ductile iron wear plate and extra lip seals reduces wear when pumping abrasive materials.
- Silicon carbide double mechanical seals run in an isolated oil-filled cavity, allowing for seal lubrication, cooling and overall motor protection.
- Heavy-duty power cord with strain relief and special water block insulation system increases durability and motor life.

## Three-phase Submersible Pumps Technical specifications

	PS2 1503	PS3 2203	PS3 3703	PS3 5503	PS4 5503
<b>Dimensions</b>					
L x W x H in	9.25 x 8.50 x 18.82	9.25 x 8.50 x 19.61	11.14 x 9.92 x 24.61	12.05 x 10.20 x 25.71	12.05 x 10.20 x 25.71
L x W x H Shipping in	11 x 10.5 x 23	11 x 10.5 x 23	13 x 13 x 27.75	14 x 13.75 x 28	14 x 13.75 x 28
Diameter Discharge in	2	3	3	3	4
Operating weight lb	64	71	121	146	146
Shipping weight lb	75	84	136	168	168
Cable length ft	50	50	50	50	50
Cable Size AWG	16	16	14	12	12
<b>Operating data</b>					
Total head ft	75.46	66.93	101.7	124.7	78.74
Discharge capacity US gpm	105.7	203.4	219.3	260.2	428
Solids diameter in	0.334	0.334	0.334	0.334	0.334
Engine / Motor type	60 Hz 3~	60 Hz 3~	60 Hz 3~	60 Hz 3~	60 Hz 3~
Operating voltage V	220 / 440	220 / 440	220 / 440	220 / 440	220 / 440
Current Full Load A	6.1 / 3.1	9.3 / 4.7	13.4 / 6.8	19.5 / 9.8	19.5 / 9.8
Current Start A	42 / 21	73 / 36	112 / 56	162 / 81	162 / 81
at rpm rpm	3,400	3,435	3,410	3,430	3,430

	PS4 7503HH	PS4 11003HH
<b>Dimensions</b>		
L x W x H in	12.99 x 12.36 x 27.09	14.69 x 13.78 x 31.26
L x W x H Shipping in	13 x 12.5 x 31	14.75 x 14 x 32.5
Diameter Discharge in	4	4
Operating weight lb	205	287
Shipping weight lb	227	293
Cable length ft	50	50
Cable Size AWG	10	8
<b>Operating data</b>		
Total head ft	137.1	167.3
Discharge capacity US gpm	348.7	377
Solids diameter in	0.334	0.334
Engine / Motor type	60 Hz 3~	60 Hz 3~
Operating voltage V	220 / 440	220 / 440
Current Full Load A	25.5 / 12.8	38 / 19
Current Start A	226 / 113	297 / 149
at rpm rpm	3,440	3,480

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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