

PST3 750 80mm/3in Submersible Pump 110V/60Hz

Item Number: 0620440

PST3 750

Application

>> Lightweight, portable, single phase submersible pumps are designed to handle water and solids. Built for the demands of construction, mining, municipality and farm applications. Which pump must be selected – Calculation examples Pumps performance curves – overview <<



Additional Advantages

- ✓ 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.
- ✓ Oil lifter provides lubrication to seal faces during operation minimizing the risk of seal failure due to overheating.
- ✓ Preliminary v-ring (lip seal) shields the mechanical seal from abrasive wear due to suspended debris in pumping fluid
- ✓ PST models feature shaft-mounted agitators which suspend solids when pumping sand and debris. These PST units are also built with ductile iron housing for excellent wear life when pumping water with some entrapped solids.



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Description	Metric	Imperial
Discharge diameter	80 mm	3.2 in
Length x width x height	317 x 185 x 388 mm	12.48 x 7.28 x 15.28 in
Operating weight	19 kg	42 lb
Shipping weight (including packaging)	21.88 kg	48 lb
Shipping size (LxWxH)	483 x 330 x 260 mm	19 x 13 x 10.25 in
Max. head	19 m	62 ft
Max. discharge	230 l/min	60.0 US gpm
Solid size capacity	7.0 mm	0.276 in
Motor type	Single phase 60 Hz	
Voltage	110 / 115 / 120 V	110 / 115 / 120 V
Current (full load/start @ 110V)	10.0 / 9.6 / 9.4 A	10.0 / 9.6 / 9.4 A
Speed	3408 1/min	3408 rpm
Max. power output according to DIN-ISO 3046*	0.75 kW	1.01 hp
Cable length	10 m	33 ft
Cable size	2 mm ²	14 AWG
Impeller material	Urethane Rubber	Urethane Rubber
Impeller type	Semi-Vortex	

Standard Package - PST3 750

Above packages include electrical supply cable, operator's manual and parts book.

Please refer to our [Price List and Ordering Guide](#) for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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