

# PST2 400 50mm/2in Submersible Pump 110V/60Hz

Item Number: 0009112

# PST2 400

## 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.

Description	Metric	Imperial
Discharge diameter	50 mm	2 in
Length x width x height	250 x 185 x 330 mm	9.8 x 7.3 x 13 in
Operating weight	11,3 kg	25 lb
Shipping weight (including packaging)	13,2 kg	29 lb
Shipping size (LxWxH)	415 x 260 x 225 mm	16.3 x 10.3 x 8.8 in
Max. head	12 m	39 ft
Max. discharge	200 l/min	53 US gpm
Max. pressure	1,15 bar	16.8 psi
Solid size capacity	9,5 mm	0.4 in
Motor type	Single phase/60 Hz	
Voltage	110 V	110 V
Current (full load/start @ 110V)	5,4/12,5 A	5.4/12.5 A
Speed	3.350 1/min	3,350 rpm
Max. power output according to DIN-ISO 3046*	0,40 kW	1/2 hp
Cable length	6 m	20 ft
Cable size	1,31 mm <sup>2</sup>	16 AWG
Impeller material	Urethane rubber	
Impeller type	Semi-vortex	

### Standard Package - PST2 400

Above package includes 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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