

PSA2 500 2in Submersible pump 110V/50Hz

Item Number: 0009181

PSA2 500

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.

Description	Metric	Imperial
Discharge diameter	50 mm	2 in
Length x width x height	220 x 185 x 305 mm	8.7 x 7.3 x 12 in
Operating weight	10,0 kg	22 lb
Shipping weight (including packaging)	13,6 kg	30 lb
Shipping size (LxWxH)	365 x 270 x 230 mm	14.3 x 10.3 x 9 in
Max. head	12 m	39.5 ft
Max. discharge	236 l/min	62.4 US gpm
Max. pressure	1,17 bar	17 psi
Solid size capacity	6,0 mm	0.2 in
Motor type	Single phase/50 Hz	
Voltage	110 V	110 V
Current (full load/start @ 110V)	6,1/12,5 A	6.1/12.5 A
Speed	3.270 1/min	3,270 rpm
Max. power output according to DIN-ISO 3046*	0,48 kW	2/3 hp
Cable length	10 m	32 ft
Cable size	1,31 mm ²	16 AWG
Impeller material	Urethane rubber	
Impeller type	Semi-vortex	

Standard Package - PSA2 500

Above package 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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