GRUNDFOS DATA SHEET

STP & SSP Brass Positive Head Shower Booster Pump Range





General Description

Designed and manufactured to the highest standards, the **Brass Positive Head Shower Pump** range is constructed from precision machined brass impellers and brass body stampings. The robust construction means these pumps can be genuinely described as *'Heavy Duty'*.

All pumps are supplied complete with high quality braided stainless steel connection hoses, inlet filters and mains power cable. The Brass Pump range is available with both single and twin impellers. Choose from 1.5-4 bar pressure.

Features

- Continuously rated pump
- Brass construction
- · Enclosure class IPX2 rated
- Max liquid temperature 60°C
- Motor fitted with an auto resetting thermotrip
- Anti vibration feet
- Mains electrical lead 1.5m long
- Inlet filters
- Flexible hoses with ¾" BSP pipe connections
- 2 year warranty

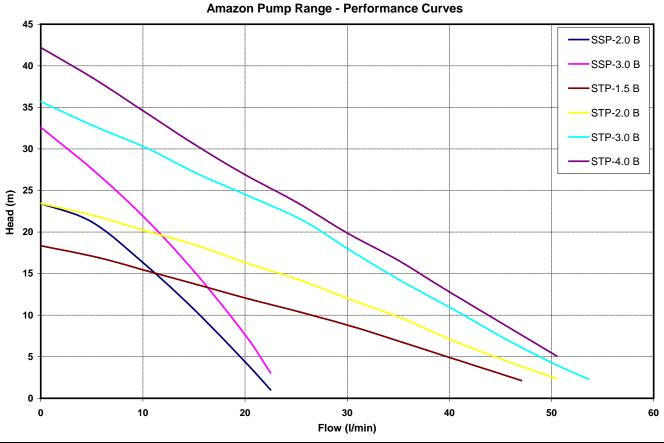
Technical Data

	Pump type					
Data	SSP-2.0 B Single ended pump	SSP-3.0 B Single ended pump	STP-1.5 B Twin ended pump	STP-2.0 B Twin ended pump	STP-3.0 B Twin ended pump	STP-4.0 B Twin ended pump
Supply voltage	1 x 230 V, 50 Hz					
Power consumption	340 W	410 W	470 W	510 W	710 W	790 W
Rated current	1.5 A	1.8 A	2.0 A	2.2 A	3.1 A	3.6 A
Rating*	Continuous operation					
Enclosure class **	IPX2					
Motor	2-pole induction					
Inlet head (min max.)	1 to 20 m					
Max. developed pump head	23 m	36 m	15 m	21 m	34 m	42 m
Max. operating pressure	6 bar					
Min. starting flow rate	0.5 l/min.					
Length	189 mm	189 mm	248 mm	248 mm	258 mm	293 mm
Width	145 mm	145 mm	145 mm	145 mm	145 mm	145 mm
Height	219 mm	219 mm	219 mm	219 mm	219 mm	219 mm
Weight	6.1 kg	6.1 kg	8.1kg	8.1 kg	8.9 kg	10.6 kg
Sound pressure level (1 m)	From 55 to 65 dB(A)					< 70 dB(A)

^{*} Recommended minimum flow rate: 5 l/min.

^{**} When mounted on a flat horizontal surface.

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RECOMMENDED PUMP INSTALLATION System vent Cold supply connection to pump at least Cold water storage tank of at least 50 25mm below cold supply connection to cylinder to prevent supply of hot water only gallon capacity Shower outlet at least 250mm (10 inches) Cold water supply to cylinder, min. 22mm, 28mm recommended below water level Cold water supply to pump, min. 22mm Min. 1 metre (3ft. 3in.) max. 20 metres (66ft.) supply head from water level to pump suction port Expansion pipe Shower valve Full bore gate valve Surrey 22mm service flange gate valves Water mains Supply to another shower, if required Hot water supply, Hot water Cold min. 22mm 230V Domestic switched spur hot water supply Mount pump on concrete slab to reduce noise, recommended Recommended location for pump at base of hot water cylinder set to maximum of 60°C

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