STP & SSP Amazon Brass Shower Booster Pump Range

General Description
Designed and manufactured to the highest standards, the Amazon Brass 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 Amazon 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 therotrip
- Anti vibration feet
- Mains electrical lead – 1.5m long
- Inlet filters
- Flexible hoses with 22mm push-fit pipe connections
- 5 year warranty

Technical Data

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

* Recommended minimum flow rate: 5 l/min.
** When mounted on a flat horizontal surface.
Amazon Pump Range - Performance Curves

- **SSP-2.0 B**
- **SSP-3.0 B**
- **STP-1.5 B**
- **STP-2.0 B**
- **STP-3.0 B**
- **STP-4.0 B**

**RECOMMENDED PUMP INSTALLATION**

- Cold water storage tank of at least 50-gallon capacity
- Cold supply connection to pump at least 25mm below cold supply connection to cylinder to prevent supply of hot water only
- Shower outlet at least 250mm (10 inches) below water level
- Hot water cylinder thermostat set to maximum of 60°C
- Recommended location for pump at base of hot water cylinder
- Mount pump on concrete slab to reduce noise, recommended
- Shower valve
- Cold water supply to pump
- Hot water supply to cylinder
- Hot water supply valve
- 22mm service gate valves
- Essential pipe
- Expansion pipe
- Surrey flange
- Domestic hot water supply
- Water meter

Grundfos Pumps Ltd., Grovebury Road, Leighton Buzzard, Beds. LU7 4TL.
Tel.: 01525 850000. showerpumpselector.co.uk