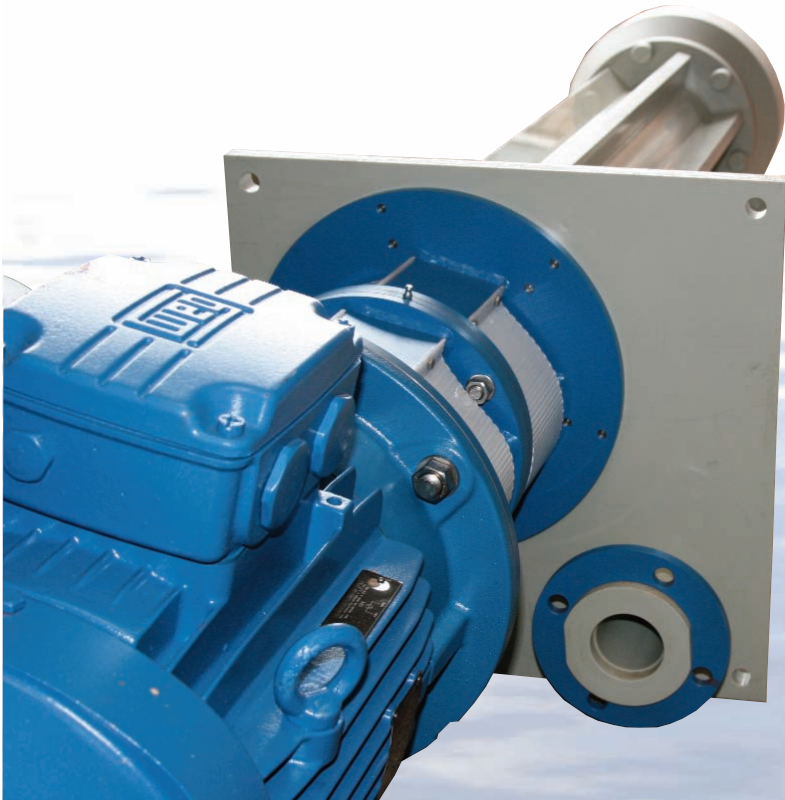


PPS Range

Vertical Column Pumps



Capacity to 70 m³/hr

Head to 33 metres

**Corrosion Resistant
Non-Metallic Wetted Parts**

**Length from 0.5 metres
To 4.5 metres**

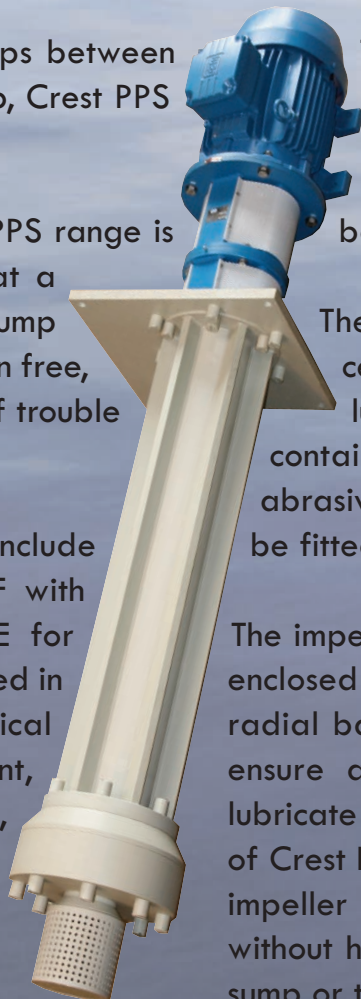
Machined from Solid

**Exceptionally
Rugged & Robust**

For pumping from tanks or sumps between 0.5 metres and 4.5 metres deep, Crest PPS Pumps are the obvious choice.

The design concept behind the PPS range is a reliable, heavy duty pump at a realistic price amounting to a pump which is totally rigid and vibration free, capable of giving many years of trouble free service.

Materials of construction include polypropylene, PVC and PVDF with bearings of ceramic and PTFE for optimum corrosion resistance. Used in applications such as chemical processing, effluent treatment, metal finishing, pollution control, re-circulation within deep sumps or tanks and wherever corrosive liquid needs transferring.



The wet ends are machined from solid plastics and the suspension system is fabricated from thick wall, heavy duty tube with integral stiffening bars to prevent longitudinal movement.

The stabilising PTFE and high alumina ceramic bearings are usually product lubricated, however, for liquids which contain a high degree of solids or abrasives, external flushing lines can easily be fitted.

The impeller can be either semi-open or fully enclosed depending upon the application, radial back-vanes machined on the impeller ensure a continuous and plentiful flow to lubricate the bottom slide bearings. A feature of Crest PPS pumps is the facility to adjust the impeller gap from above the mounting plate without having to remove the pump from the sump or tank.

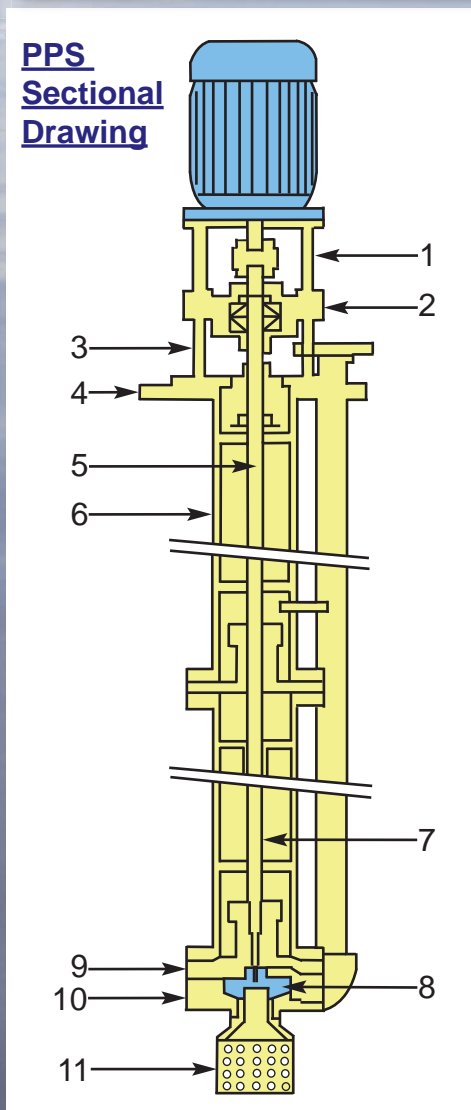
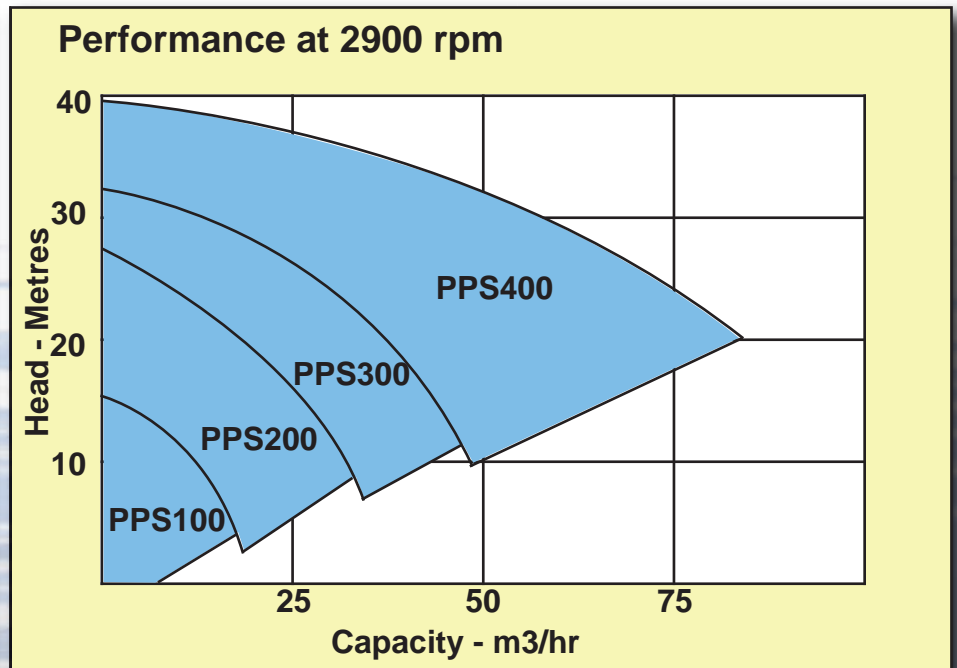
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13b Queensway New Milton Hampshire BH25 5NN

PPS Range

Vertical Column Pumps



Wet End	Polypropylene, PVC, PTFE, PVDF
O-Rings	Viton as standard with other materials available
Shaft	316 stainless steel sleeved by plastic
Suspension System	Fabricated from polypropylene, PVC or PVDF with fully welded integral stiffening bars for maximum rigidity
Pump Bearings	Heavy duty alumina ceramic running against stabilised PTFE. Bearings are normally product lubricated but can be externally flushed when pumping liquids with a high concentration of liquids in suspension
Length	From 0.5m to 4.5m. Lengths up to 1.5m have one bottom bearing. Larger lengths have additional intermediate bearings.



1	Motor Adaptor
2	Bearing Housing
3	Pump Adaptor
4	Mounting Plate
5	Shaft
6	Suspension Tube
7	Shaft Sleeve
8	Impeller
9	Pump Bearing Housing
10	Casing
11	Suction Strainer

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