

PPM RANGE

Multistage Chemical Pumps

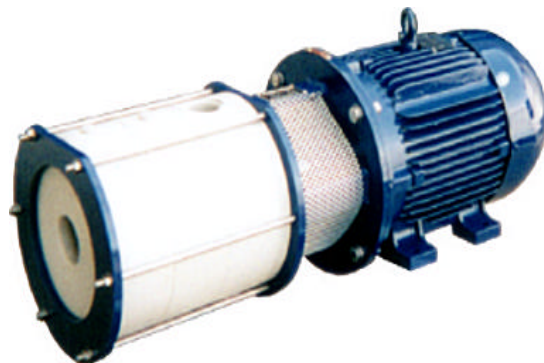
**Multistage Pumps
For Increased Pressures**

**Corrosion Resistant
Non-Metallic**

**Machined from Solid
Exceptionally
Rugged & Robust**

Capacity to 26 m³/hr

Head to 66 metres



APPLICATIONS

For higher head applications when pumping corrosive liquids or pure water PPM pumps are the ideal choice. Usually for high head / low flow applications the user is forced to compromise by using a large pump with a suitably oversized impeller which will operate at the left hand side of the pump curve - this results in increased costs both initially by selecting a pump and motor which is capable of a considerably larger flow and also in increased running costs because a larger than necessary motor is used.

PPM pumps are an extension of our existing and well proven PP range but are available with either two or three stages. The liquid is pumped from stage to stage so increasing the discharge pressure whilst maintaining the flow rate.

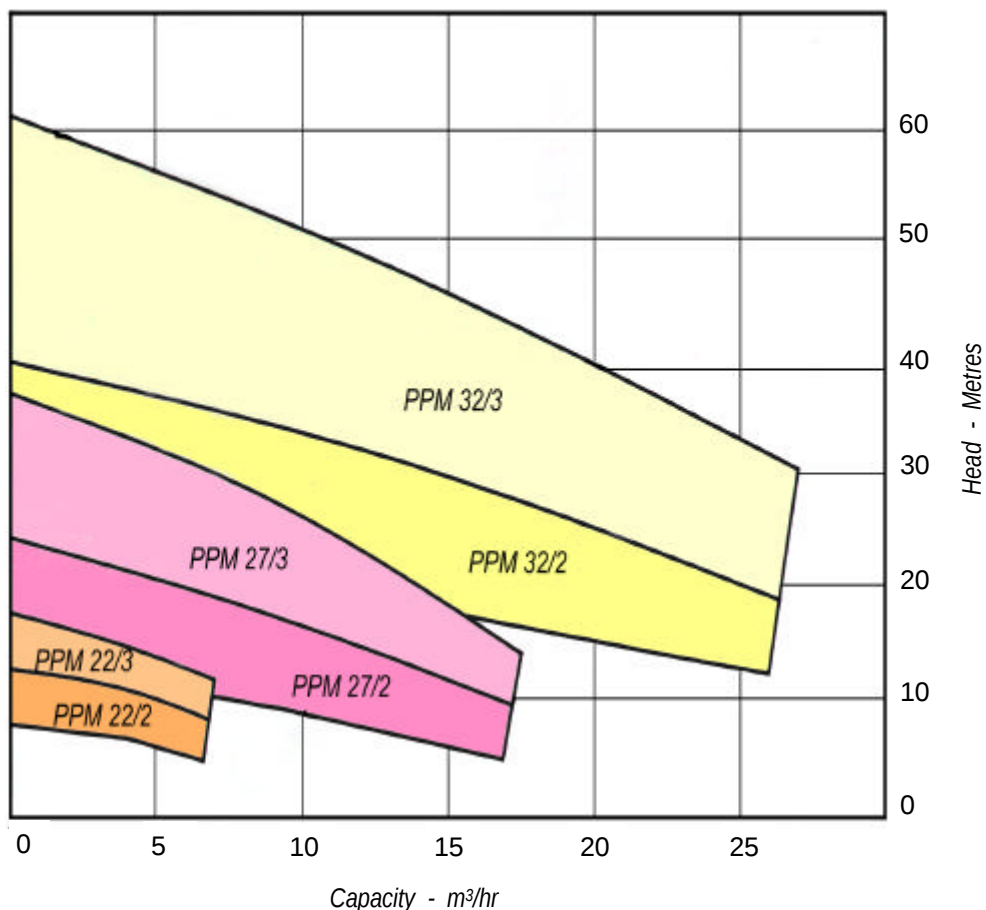
In common with all Crest Pumps the wetted parts are machined from solid plastic for the ultimate in corrosion resistance and mechanical strength. A wide range of mechanical seals and motors can be fitted to suit most specifications.

For self priming applications suction priming chambers can be fitted giving suction lifts of up to 4 metres.

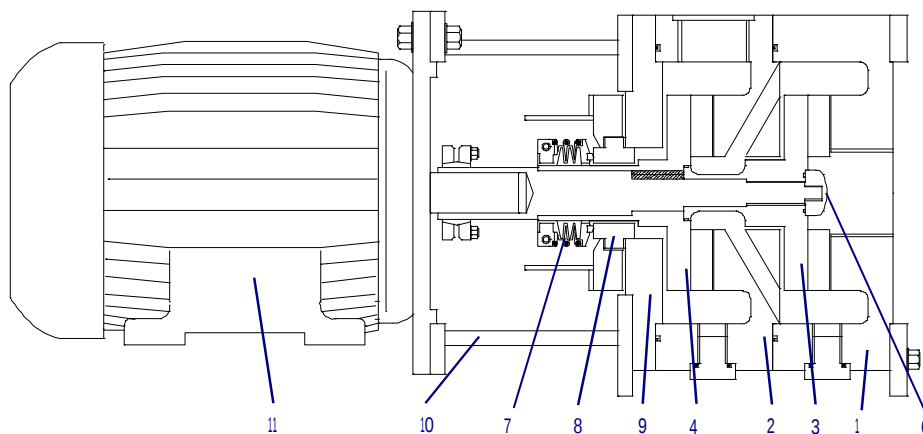
SPECIFICATION

Construction	Polypropylene PVC PTFE PVDF								
O-Rings	Viton as standard Other materials available								
Shaft	316 stainless steel sleeved by plastic								
Mechanical Seals	A range of seals may be fitted depending upon the application								
Suction	Usually flooded - Suction lifts up to 4 m can be achieved with a priming chamber								
Branches	BSP female as standard Flanges to all standard specifications can be fitted as optional extras								
Temperature Limitations	<table> <tr> <td>Polypropylene</td><td>70 C</td></tr> <tr> <td>PVC</td><td>30 C</td></tr> <tr> <td>PVDF</td><td>110 C</td></tr> <tr> <td>PTFE</td><td>150 C</td></tr> </table>	Polypropylene	70 C	PVC	30 C	PVDF	110 C	PTFE	150 C
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Performance at 2900 rpm



Arrangement



- 1 Casing (1st stage)
- 2 Casing (2nd stage)
- 3 Impeller (1st stage)
- 4 Impeller 2nd stage)
- 5 Pumps shaft
- 6 Locknut
- 7 Mechanical seal (rotary)
- 8 Mechanical seal (stationary)
- 9 Backplate
- 10 Adaptor
- 11 Motor