ECC Range

Close Coupled Chemical Pumps

Crest Pumps

Capacity to 130 m^3/hr

Head to 80 metres

Heavy Duty

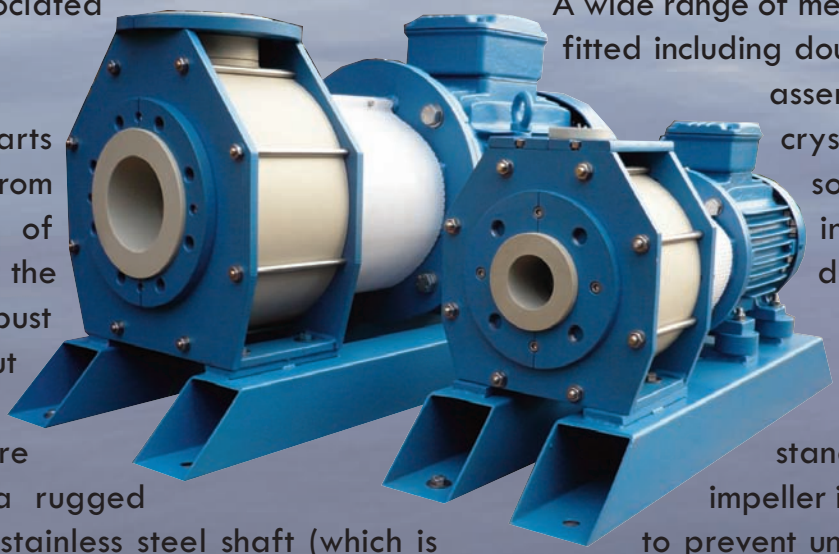
Rugged Construction

Close Coupled for Economical Installation

Corrosion Resistant Non - Metallic

The development of the EC series of corrosion resistant pumps is based upon over 30 years experience of manufacturing plastic pumps for the most arduous of applications in the chemical, pharmaceutical, water treatment and associated industries.

All wetted parts are machined from solid blocks of plastic for the ultimate in robust construction, but all pipeline forces are absorbed by a rugged steel shell. The stainless steel shaft (which is completely sleeved from the liquid) is oversized to minimise shaft deflection and increase the life of the mechanical seal. There is a separate shaft sleeve which is mechanically driven so relieving any additional stress imposed on the impeller. This also results in cost effective spare parts as and when the time comes for replacement.



A wide range of mechanical seals can be fitted including double pressurised seal assemblies for handling crystalline or abrasive solutions and single internal seals for less demanding duties.

Semi-open impellers are fitted as standard where the impeller is secured to the shaft to prevent unscrewing in the case of start-up in the wrong direction.

Suction lifts up to 4 metres can be achieved by utilising a priming pot on the suction side.

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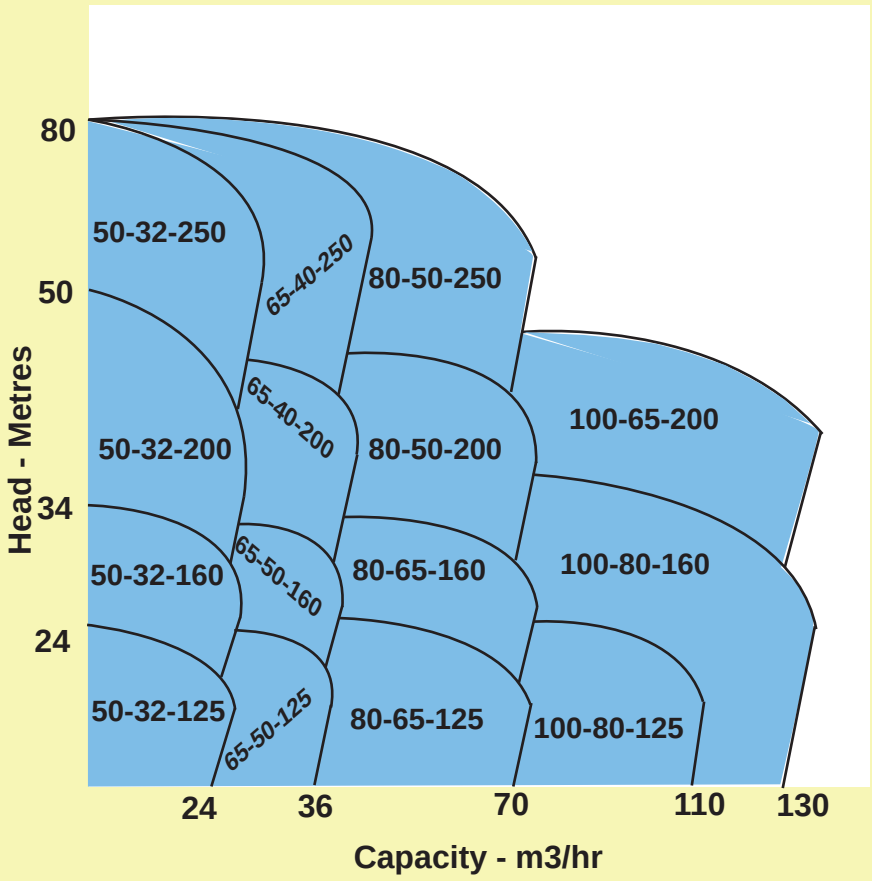
ECC Range

Close Coupled Chemical Pumps

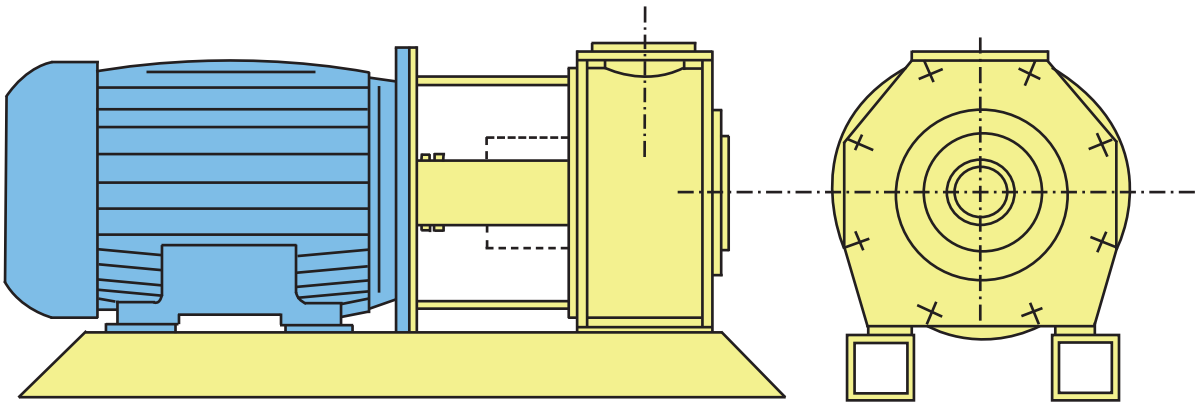
Crest Pumps

Wet End	Polypropylene, PVC, PTFE, PVDF
O-Rings	Viton as standard with other materials available
Shaft	316 stainless steel sleeved by plastic
Mechanical Seal	Wide range available depending on application
Suction	Usually flooded - Suction lift up to 4m can be achieved with a priming chamber
Flanges	BS4504 PN16 as standard but can be drilled to specification

Performance at 2900 rpm



ECC Range GA Drawing



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