



QHE/QXP/QPPCL

Single Stage Solid Injection Molded Semi Open Impeller Chemical Process Pumps



Available in
Polypropylene | PVDF

The semi-open impeller is the acknowledged best design for process services. It is ideally suited for corrosive/erosive liquids containing solids and stringy materials.

Fields of Application

Corrosive, pure and contaminated media in the chemical, pharmaceutical and petrochemical industries, in metal processing, waste disposal and recycling etc.

Design

Single stage, frame mounted chemical process pump of heavy duty design. Flanges with holes drilled to ANSI B16.5 Cl.150.

Mechanical seal :

Single, Double, Inside, Outside etc.

Operating Range

50 Hz Operation

Flow Rates 1-150 m³/hr

Delivery Heads Upto 100 m

Performance curve of particular model available on request.

Operating Temperatures :

-10/+80 °C

Operating Pressure :

Upto 10 bar

Solids :

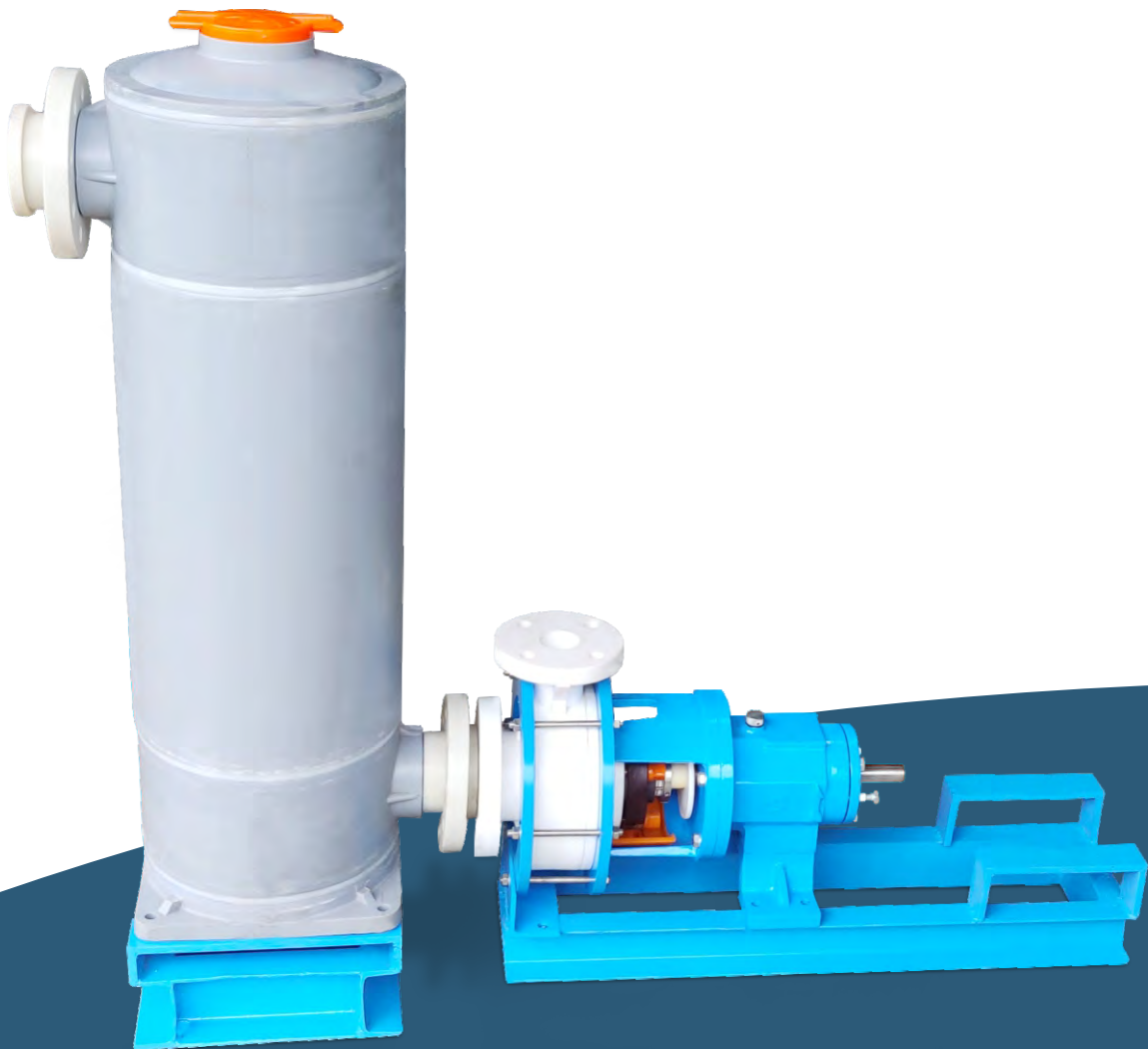
Depends On Pump Design.



Priming Chamber

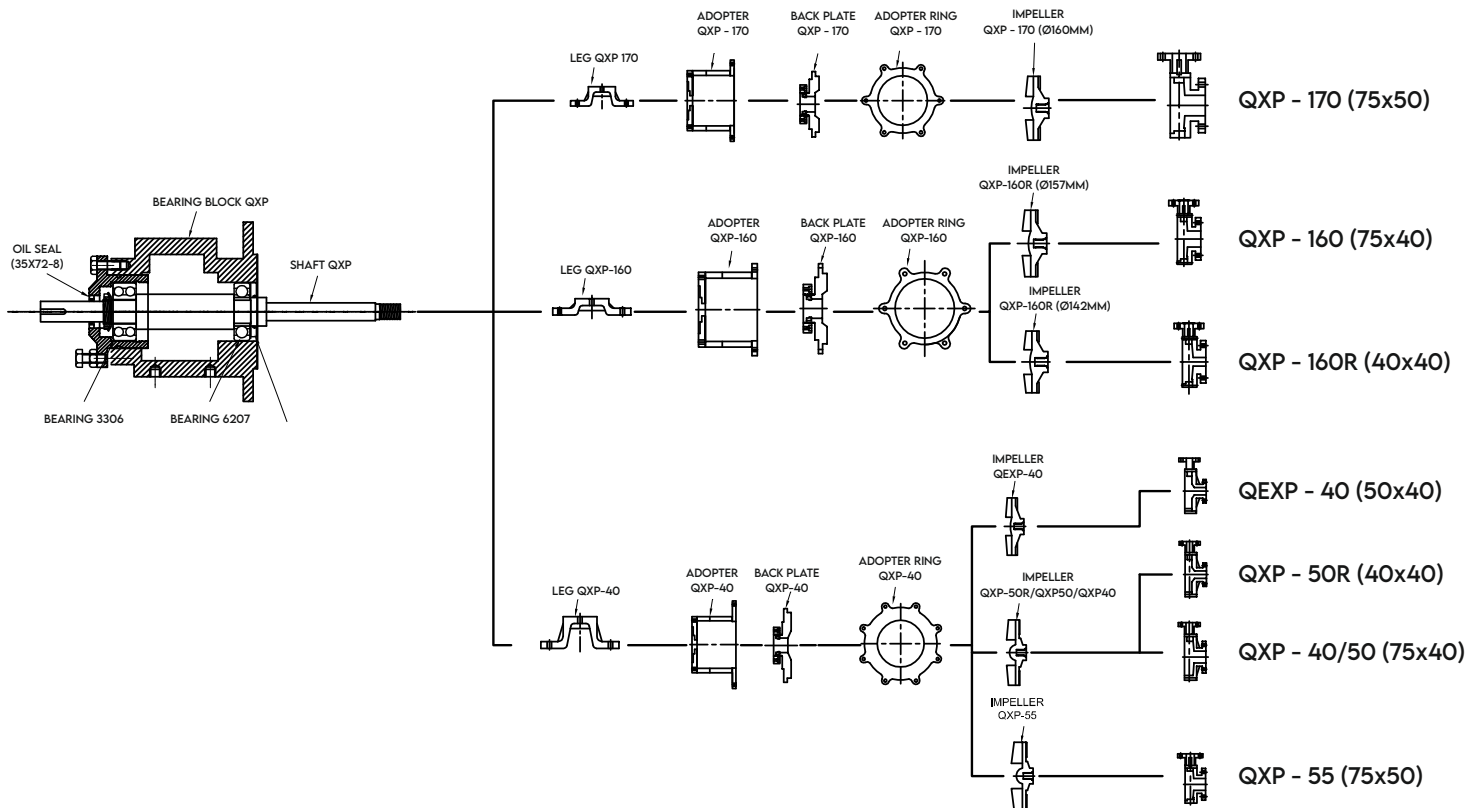
Centrifugal pumps may require a priming chamber as an auxiliary means of lifting liquid from below the pump centerline to the pump inlet or from the liquid surface over a tank wall. The answer to this requirement is this line of easy to use and install priming chambers. Once the priming chamber is filled, the pump can be started and re-started without subsequent re-priming.

Each time the pump is turned off, the priming chamber retains a volume of liquid. When the pump is re-started, it pumps the entrapped liquid out of the priming chamber, creating a vacuum in its place. Atmospheric pressure then forces liquid from the tank or sump up the suction hose or pipe to the pump, completing the prime.



Interchangeability Chart

QXP



Other QVC Process Pumps

Open impeller metallic pumps | Closed impeller metallic pumps
Non metallic injection moulded pumps | Non metallic lined pumps
Horizontal self priming pumps | Vertical self priming pumps
ANSI Open impeller metallic pumps



QVC CHEMICAL EQUIPMENTS

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