



**QSTP**

# Vertical “In-line” Self-Priming Pumps



**Available in**

WCB (CAST STEEL) | CF8 (SS-304) | CF8M (SS-316) | CF3 (SS-304L) | CF3M (SS-316L)  
CN7M (ALLOY-20) | CW12MW (HASTELLOY-C) | N12MV (HASTELLOY-B)  
DUPLEX AND SUPER DUPLEX ALLOYS

**Series QSTP Pumps are replacement of long shaft vertical submersible pumps used in chemical plants from several years, these pumps are very easy to install at site, motor is mounted on the pump itself.**

## Fields of Application

Petrochemical | Oil & Gas | Steel Industry | Automotive | Agriculture | Tank Farm | Pulp and Paper | Chemical | Semiconductor | Food Processing | Power Generation | Pharmaceuticals Water Treatment | Paper Stock | Pipeline | General Industries | Textile | Mining

## Features & Advantages

- Fully open turbine type impeller for clear fluid transfer.
- Floating impeller.
- Different mechanical seal options available.
- Can take suction lift from 3m to 5m.
- No foot valve required.
- Requires very less space at site.
- Can be mounted on tanks or away from tank.
- Low NPSH required.
- Low overhang shaft arrangement giving minimum deflection at the seal faces.
- Mechanical seal is cooled and flushed by process fluid itself.
- Excellent for handling solvents from barrels and from tank farms to the charging vessels.
- Seal leakage can easily be detected from hole in priming chamber.

## Available With Trolley For Mobile Application



## Operating Range

50 Hz Operation

Flow Rates 1-40 m<sup>3</sup>/hr

Delivery Heads Upto 45 m

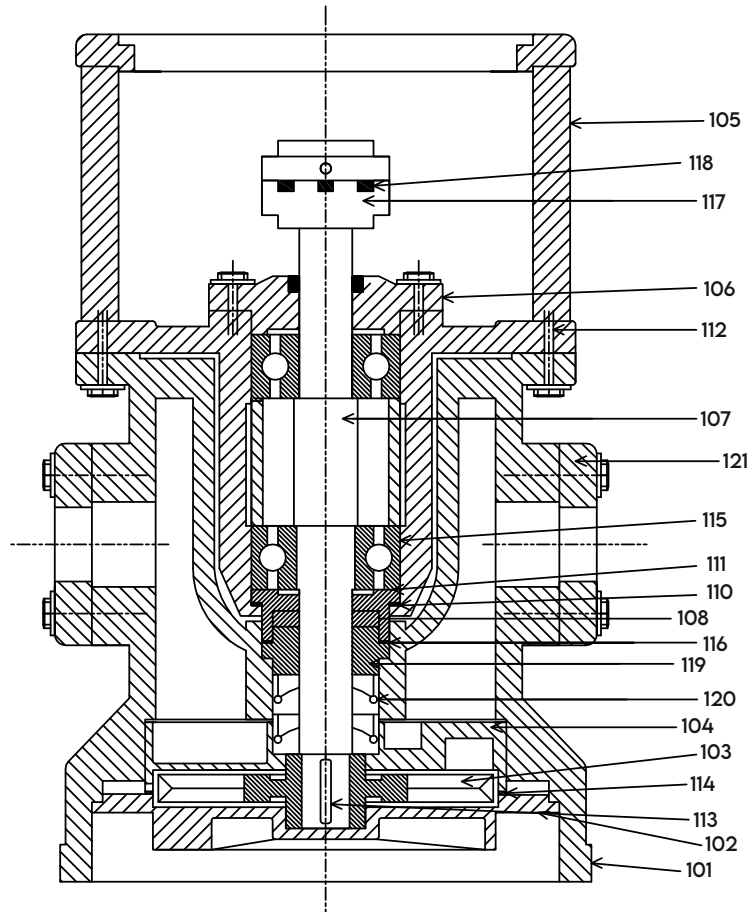
**Performance curve of particular model available on request.**

**Operating Temperatures :**

-60/+150 °C

## Warning

Since this pump is having close tolerance in impeller and its matching parts, always fitted with mechanical seal it is advisable to have a strainer of 40 mesh size or lower before the pump inlet to avoid welding bids in the pipeline. This will avoid bending of impeller during initial run.



## Part List

Sr. No.	Description	Part No.	Qty. Reqd.	Material of Construction
01	Priming Chamber	101	1 NO.	CF8M/WCB/CN7M
02	Impeller Cover	102	1 NO.	CF8M/WCB/CN7M
03	Impeller	103	1 NO.	CF8M/WCB/CN7M
04	Impeller Cage	104	1 NO.	CF8M/WCB/CN7M
05	Motor Stool	105	1 NO.	Cast Iron
06	Bearing Cover	106	1 NO.	Cast Iron
07	Shaft	107	1 NO.	SS-316
08	Oil Seal Bush	108	1 NO.	PTFE
09	Cup Gasket	110	1 NO.	PTFE
10	Cup	111	1 NO.	CF8M/CN7M
11	Hardwares	112	1 Set.	SS-316
12	Impeller Key	113	2 NOS	SS-316
13	Rope Gasket	114	1 NO.	PTFE
14	Bearing	115	2 NOS	Steel
15	Stationary Gasket	116	1 NO.	PTFE
16	Coupling	117	1 NO.	Cast Iron
17	Rubber Spider	118	1 NO.	Rubber
18	Stationary Unit of Mechanical Seal	119	1 NO.	Ceramic/SiC/Tc
19	Rotary Unit of Mechanical Seal	120	1 NO.	GFT/Carbon/Tc
20	Companion Flange	121	2 NO.	CF8M/WCB/CN7M

# 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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