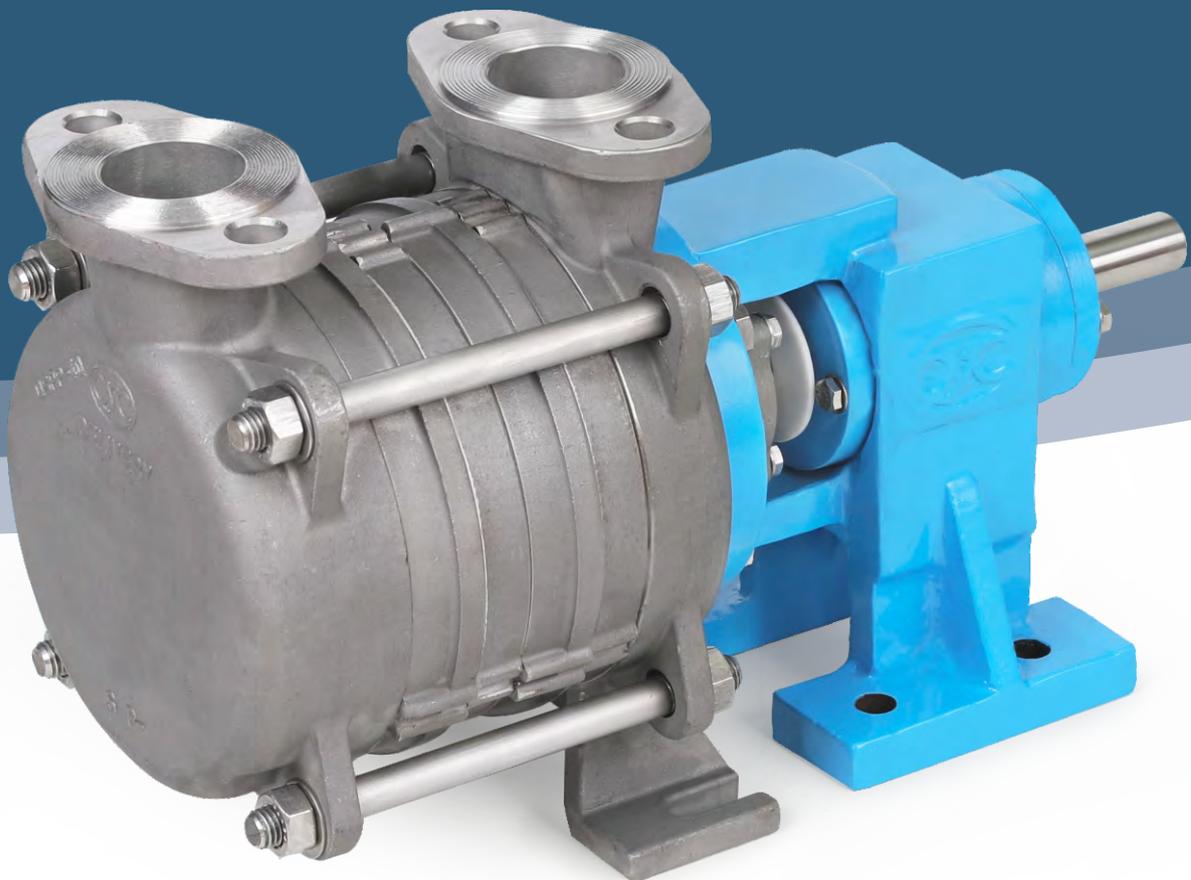




**QSPP**

# Fully Open Turbine Type Impeller Horizontal 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

## Fields of Application

**Series QSPP Pumps are self priming pumps. For higher heads option of multi stage is available.**

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
- 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

## Operating Range

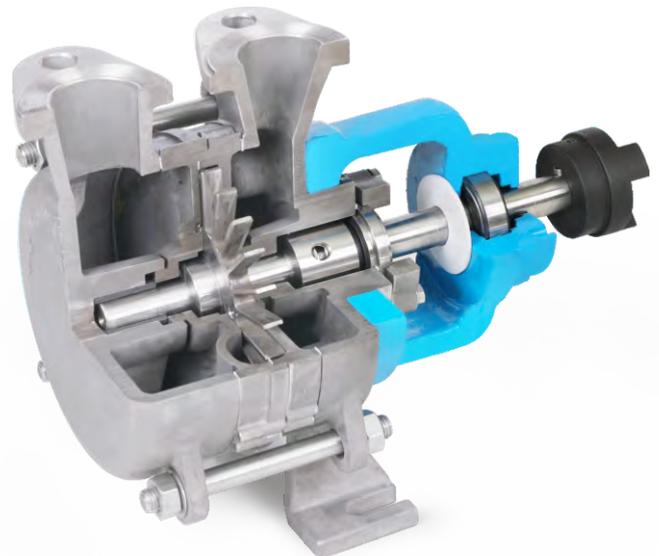
50 Hz Operation  
Flow Rates 1-20 m<sup>3</sup>/hr

Delivery Heads Upto 120 m

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

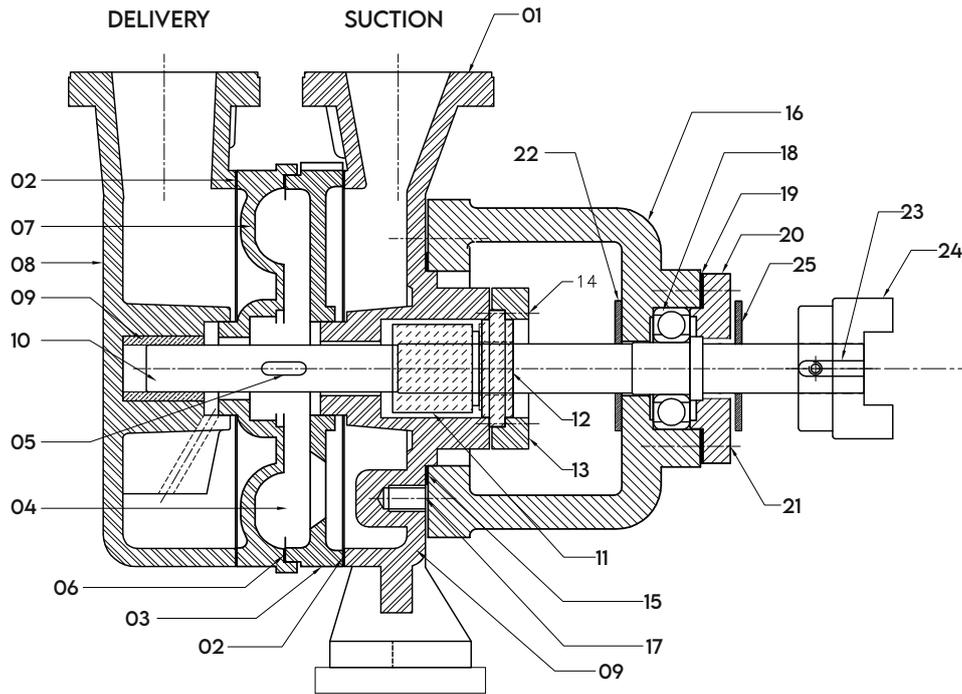
**Operating Temperatures :**  
-60/+150 °C

**Available With Trolley  
For Mobile Application**



## 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	Material of construction	Qty. Req'd.	Remarks
01	Suction Cover	CF8M	01	
02	Gasket	PTFE	02	
03	Intermediate Part 1	CF8M	01	
04	Impeller	CF8M	01	
05	Impeller Key	CF8M	01	
06	Gasket	PTFE	01	
07	Intermediate Part 2	CF8M	01	
08	Delivery Cover	CF8M	01	
09	Bush	Carbon filled PTFE	01	
10	Shaft	SS-316	01	
11	Rotary Unit	Carbon	01	
12	Stationary Unit	SIC	01	
13	Gland Plate	CF8M	01	
14	Gland Plate Bolt	SS	04	
15	Gasket	PTFE	01	
16	Bearing Block	Cast Iron	01	
17	Stud for Clamping	SS	04	
18	Bearing	Steel	01	
19	Gasket	PTFE	01	
20	Bearing Cover	Cast Iron	01	
21	Bolt	Mild Steel	02	
22	Deflector	PTFE	01	
23	Coupling Key	SS-316	01	
24	Coupling	Cast Iron	01	
25	Deflector	PTFE	01	

# 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

