



# CCI GSV

★ **DISTRIBUTION**  
CRYOSTAR

## Technical Index

### ★ Pump ID Meaning

Applications	Cylinder and buffer tank filling
Liquids pumped	LOX, LIN, LAr, LCH <sub>4</sub> , LH <sub>2</sub>
Drive type	Belt drive
Design pressure	6000 PSI (higher pressure upon request) Available in duplex and triplex



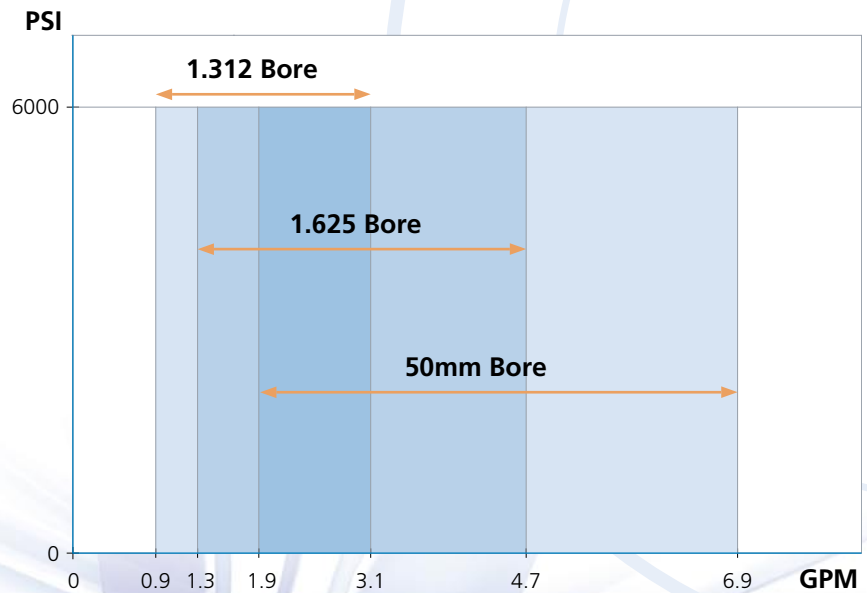
### ★ Test Procedure

Each pump manufactured by CRYOSTAR is mechanically and cryogenically tested prior to shipment in our state-of-the-art testing facility to ensure that performance meets customer specification. The precision of measuring devices provides essential results: differential head, flow rate, seal gas consumption, pump efficiency, NPSH, noise and vibration levels – all documented and submitted to the customer.

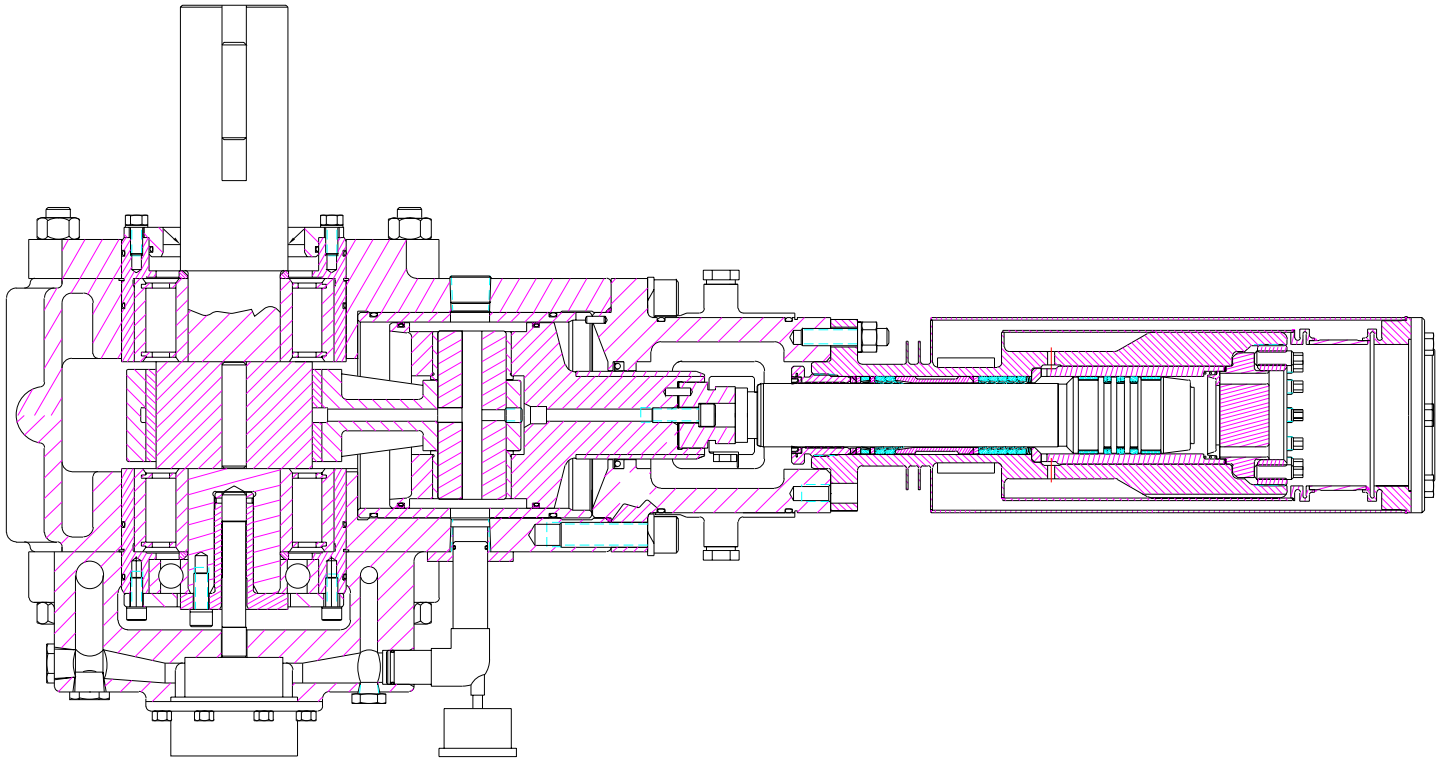
### ★ Quality

Designed in compliance with guidelines like IGC 11/82 norm

### ★ Performance



Multiply flow by 2 for Duplex, by 3 for Triplex



## ★ Features

- ★ Cold end, drive and TEFC motor mounted on a painted steel base
- ★ V-Belt drive and guard
- ★ Quick and easy maintenance
- ★ Compact heavy duty construction
- ★ Dependable, heavy duty oil lubricated drive, equipped with internal oil pump
- ★ Discharge line, surge chamber and high pressure relief valve
- ★ Contamination free pumping
- ★ Wide range of flows and pressures, available in Simplex, Duplex and Triplex construction
- ★ Quick cool down
- ★ Large volumes at high pressure

## ★ Options

- ★ Vacuum jacketed suction adapter
- ★ Vacuum jacketed suction and vapor return manifold
- ★ Sliding base with drip tray for LH2
- ★ 37° flare, medium pressure and high pressure porting
- ★ Pump can be assembled with drive shaft on opposite side
- ★ Piston diameters available: 1.312", 1.625", 50 mm
- ★ Duplex and triplex configurations
- ★ Control panels
- ★ Fully automatic control systems

*For more details please contact your local Cryostar representative*



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