

Product Features- Double Stage

- Cylinder pressure delivery regulator
- 6 ports flexible configuration
- Stable outlet pressure
- Inbuilt Inlet filter
- Outlet Pressure regulation by Hand wheel
- Stainless steel 316/316L Body and Bonnet for corrosive and Toxic Gases
- Brass chrome plated body and bonnet for Non-corrosive gases and mixtures up to grade 6.0
- Body, Bonnet and Wet Parts in Inconel for Gas Services Like Pure H₂S, HCl and Cl₂

Typical Application

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

Ordering Information



Model No. CSL-DSR-2S-1-2-3-4-G

1. Inlet Connection 2. Out Let Connection

DIN Germany 1/4" OD/1/8" OD Tube

CGA US 1/4" NPTM/1/4" NPTF

BSP: British 3. Inlet Pressure

GB: China 0-280 Bar/ 0-40 Bar

UNI: Italy 4. Outlet Pressure

0-2/ 0-4/0-10/0-20

S: SS C: Brass Chrome B: Brass I: Inconel

G: Gas Type i.e. Nitrogen, Oxygen, Chlorine etc.

DSR Series



Technical Specifications

Type:	Double-stage
Inlet pressure P1:	max. 280 bar
Outlet pressure P2:	2/4/10/20 bar
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PTFE
Diaphragm:	SS316/Hastelloy
Filter:	SS 316L
Inlets and Outlets Port:	1/4" NPT(F)
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere)	1x10 ⁻⁶ mbar l/s He
(via seat)	1x10 ⁻⁶ mbarl/s He
Flow capacity:	Cv=0.06
Weight:	2.0 kg

Ordering Information

E. g. if you want to order the Double Stage Pressure Regulator for your cylinder having the filling pressure of 150 Bar of Nitrogen and desired outlet pressure is 0-10 Bar and connection at outlet desired is 1/4" Tubing then the Model Number for the Same will be

CSL-DSR-2S-BS3-150-10-1/4OD-N2

*For Mixed Gases, please specify the cylinder connection standard and thread when ordering.

Product Features- Single Stage

- Cylinder pressure delivery regulator
- 6 ports flexible configuration
- Stable outlet pressure
- Inbuilt Inlet filter
- Outlet Pressure regulation by Hand wheel
- Stainless steel 316/316L Body and Bonnet for corrosive and Toxic Gases
- Brass chrome plated body and bonnet for Non-corrosive gases and mixtures up to grade 6.0
- Body, Bonnet and Wet Parts in Inconel for Gas Services Like Pure H₂S, HCl and Cl₂

Typical Application

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

Ordering Information



Model No. CSL-DSR-1S-1-2-3-4-G

1. Inlet Connection	2. Out Let Connection
DIN Germany	¼" OD/1/8" OD Tube Fittings/
CGA US	¼" NPTM/1/4" NPTF
BSP: British	3. Inlet Pressure
GB: China	0-280 Bar/ 0-40 Bar
UNI: Italy	4. Outlet Pressure
	0-2/ 0-4/0-10/0-15/0-60
S: SS C: Brass Chrome B: Brass I: Inconel	

SSR Series- Single Stage Regulator



Technical Specifications

Type:	single-stage
Inlet pressure P1:	max. 280 bar
Outlet pressure P2:	2/4/10/20 bar
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PTFE
Diaphragm:	SS316/Hastelloy
Filter:	SS 316L
Inlets and Outlets Port:	1/4" NPT(F)
Temperature range:	-30 ⁰ C to +74 ⁰ C
Leak rate (to atmosphere)	1x10 ⁻⁶ mbar l/s He
(via seat)	1x10 ⁻⁶ mbarl/s He
Flow capacity:	Cv=0.06
Weight:	2.0 kg

Ordering Information

E. g. if you want to order the Single stage Pressure Regulator for your cylinder having the filling pressure of 150 Bar of Nitrogen and desired outlet pressure is 0-10 Bar and connection at outlet desired is ¼" Tubing then the Model Number for the Same will be **CSL-DSR-1S-BS3-150-10-1/4OD-N2**

G: Gas Type i.e. Nitrogen, Oxygen, Chlorine etc.
*For Mixed Gases, please specify the cylinder connection standard and thread when ordering.

Product Features – Fixed Flow Regulator

- Single Stage Design
- Used for Disposable-Portable Cylinders of 34/55/58/60 Ltrs
- FFR designed to preset specified flow rate by the User
- Standard Flow rates are 0.5 /1.0/1.5 LPM
- Comes with 1 meter Silicon/PTFE Tube
- Stainless Steel 316L Body and Wet Parts
- Warranted for 2 years

Typical Application

- Component Testing
- Calibration Systems
- Service & Test Equipment
- Low Flow gas Dosing Systems

C10 Valve

Features

- Body and Wet Parts- SS316L
- Compatible to FFR
- NRV
- Non Refillable Types
- Piston/Body Seals: Viton
- Main Valve Seat: Viton
- Spring/Spring Retainer: SS316
- Pressure Rating: 3000 PSI

Address: Chemtron Science Laboratories Pvt. Ltd.
EL-47, Electronics Zone, Mahape MIDC.
Navi Mumbai-400710. India

FFR- Fixed Flow Regulator



Technical Specifications

- Type: single-stage-Fixed Flow
- Inlet pressure P1: max. 450 bar
- Outlet pressure P2: 2/4 bar
- Materials
- Body regulator: Brass/SS316L
- Valve seat: PTFE
- Diaphragm: SS316
- Filter: SS 316L
- Inlet Connection: 5/8" -18UNF
- Outlet Connection: As Desired
- Weight: 0.5 kg

C10 Valve for Disposable Gas Cylinders



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