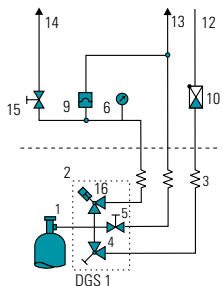


DGS 0



- 1 Cylinder valve
- 2 Purge valve block
- 3 Connecting hose
- 4 Purge inlet valve
- 5 Purge outlet valve
- 6 Inlet pressure gauge
- 7 Outlet pressure gauge
- 8 Pressure regulator
- 9 Rupture disk
- 10 Check valve
- 11 Relief valve
- 12 Purge inlet
- 13 Purge outlet
- 14 Process gas outlet
- 15 Process gas outlet shut-off valve
- 16 Process gas inlet shut-off valve

Single-stage, for low flow of non corrosive special gases (hydrogen on request), purity max. 7.0, inlet pressure 230 bar / 3300 psi, outlet pressure adjustable 0,7 - 7 bar / 2 - 100 psi

Highlights DGS 0

- ▲ Internal gas purging
- ▲ All connections welded or VCR
- ▲ Regulator with tied diaphragm
- ▲ Spring less diaphragm valves with 1/4 turn lever
- ▲ Rupture disk limits pressure level
- ▲ Safety gauges RM 63
- ▲ Regulator and valve material 316L/AOD/VAR

Features

This single stage gas supply panel is assembled onto a stainless steel panel. Consisting of a Single-stage pressure regulator with inlet and outlet pressure gauge, shut-off valves and a rupture disk.

Application

This gas panel, completely assembled, is used for low flow non corrosive pure gases special or high purity non corrosive gases.

Technical data

Flow coefficients:	regulator 0,09, valve 0,29
Reg. diaphragm:	316L
Seat:	PCTFE
Process gas outlet:	VCR 1/4"m
Purge outlet:	VCR 1/4" f
Operating temperature:	-40 °C to +70 °C / 40 °F - 158 °F
Surface finish:	0,4 µm / 15 µin. Ra max. standard
Outboard leakage:	2 x 10 ⁻⁹ cm ³ /sec He at 100 bar/1500 psig
Seat leakage:	4 x 10 ⁻⁸ cm ³ /sec He at 70 bar/1000 psig

For low flow, low pressure special gases (hydrogen on request), purity max. 7.0, inlet pressure vacuum to 17 bar / 250 psi, outlet pressure vacuum to inlet pressure

Highlights DGS 1

- ▲ For low pressure low flow applications
- ▲ External gas purging with FAV 903
- ▲ Spring less diaphragm valve with 1/4 turn lever
- ▲ Rupture disk limits improper pressure level increase
- ▲ Valve material 316L/AOD/VAR

Features

This gas supply panel is assembled onto a stainless steel panel. Consisting of a pressure gauge, shut-off valve and a rupture disk and connected to the gas stock via purgeable cylinder valve

Application

This gas panel, completely assembled, is used for low flow low pressure special or high purity gases.

Technical data

Flow coefficient, valve:	0,5
Seat :	PCTFE
Diaphragm:	Elgiloy
Inlet/outlets:	VCR 1/4"m
Operating temperature:	-40 °C to +70 °C / 40 °F - 158 °F
Surface finish:	0,4 µm / 15 µin. Ra max. standard

Order code

Type	Gas type
DGS 0	Gas
DGS 0	Specification
DGS 1	of used gas