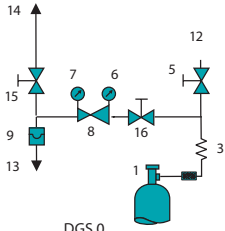
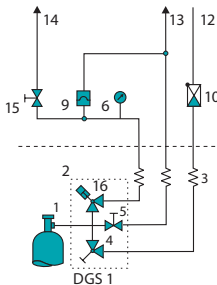


GAS PANELS DGS 0 / DGS 1



DGS 0

- 1 Cylinder valve
- 3 Cylinder connection
- 5 Purge outlet valve
- 6 Inlet gauge
- 7 Outlet gauge
- 8 Pressure regulator
- 9 Rupture disc
- 12 Purge outlet
- 13 Rupture disc outlet
- 14 Process gas outlet
- 15 Process gas outlet shut-off valve
- 16 Process gas inlet shut-off valve



DGS 1

- 1 Cylinder valve
- 2 Purge valve block
- 3 Cylinder connection
- 4 purge inlet valve
- 5 Purge outlet valve
- 6 Inlet gauge
- 9 Rupture disc
- 10 Check valve
- 12 Purge outlet
- 13 Rupture disc outlet
- 14 Process gas outlet
- 15 Process gas outlet shut-off valve
- 16 Process gas inlet shut-off valve

ORDER CODE

Type	Gas type
DGS 0	GAS
DGS 0	Please specify
DGS 1	

Single-stage, for low flow of non corrosive special gases, purity max. 7.0, inlet pressure 230 bar / 3300 psi, adjustable downstream pressure 0.7 - 7 bar / 2 - 100 psi

SPECIAL FEATURES DGS 0

- Process gas purging
- All connections welded or VCR
- Pressure regulator with tied diaphragm
- Springless diaphragm valve with 90° turn lever
- Rupture disc limits max. pressure
- Safety gauge RM 63
- Pressure regulator and valve material 316L/AOD/VAR

DESCRIPTION

This single-stage gas supply panel is mounted onto a stainless steel console and consists of a pressure regulator with inlet and outlet pressure gauges, shut-off valve and rupture disk.

APPLICATION

These gas supply panels are used for low flow rates of high purity gases and special gases.

TECHNICAL DATA

Flow rate data Cv:	Pressure regulator 0.09, valve 0.29
Diaphragm:	316L
Seat:	PCTFE
Process gas outlet:	VCR 1/4"m
Purge outlet:	VCR 1/4" f
Working temperature:	-40 °C to +70 °C / 40 °F to 158 °F
Surface finish:	0.4 µm / 15 µin. Ra max. standard
Outboard leakage:	2×10 ⁻⁹ cm ³ /sec He by 100 bar/1500 psig
Seat leakage:	4×10 ⁻⁸ cm ³ /sec He by 70 bar/1000 psig

For special gases, purity max. 7.0, inlet pressure vacuum to 17 bar / 250 psi, downstream pressure vacuum to inlet pressure

SPECIAL FEATURES DGS 1

- For low flow rates and low downstream pressures
- External gas purging with FAV 903
- Springless diaphragm valve with 90° turn lever
- Rupture disc limits max. pressure
- Valve material 316L/AOD/VAR

DESCRIPTION

This single-stage gas supply panel is mounted onto a stainless steel console and consists of a gauge, shut-off valve and rupture disk. The gas stock is connected via a purgeable cylinder valve so that the station can be purged with external gas.

APPLICATION

These gas supply panels are used for low flow rates of high purity gases and special gases.

TECHNICAL DATA

Flow rate data Cv:	Valve 0.5
Seat :	PCTFE
Diaphragm:	Elgiloy
Inlet/Outlet:	VCR 1/4"m
Working temperature:	-40 °C to +70 °C / 40 °F - 158 °F
Surface finish:	0.4 µm / 15 µin. Ra max. standard
Outboard leakage:	2×10 ⁻⁹ cm ³ /sec He by 17 bar/250 psig
Seat leakage:	4×10 ⁻⁸ cm ³ /sec He by 17 bar/250 psig