



- 1 = purge gas inlet
- 2 = purge gas inlet shut-off valve
- 3 = purge gas outlet shut-off valve
- 4 = process gas outlet shut-off valve
- 5 = process gas outlet
- 6 = cylinder connection
- 7 = cylinder

For pure gases and mixtures, no oxygen, purity max. 6.0, for manual operated purging, nominal pressure 230 bar / 3300 psi

Highlights

- ▲ Maintaining gas purity close to the gas stock
- ▲ No contamination with atmosphere
- ▲ Fast operating by quarter turn shut-off function
- ▲ Clearly visible open/closed position
- ▲ Increase of durability due to fine adjusting of closing pressure
- ▲ Optimal purge conditions
- ▲ Wide range of applications

Features

This valve block purging device consists of process gas shut-off valve, purge gas inlet and outlet valves, cylinder connection, 2 outlet and one inlet connections. Surface cleaning and quality control minimize the potential for adsorption of contamination. The left and a mirror/inverted right triple design fit any application demand.

Application

These triple valve blocks, used for purging of ultra pure, toxic or corrosive gases, are fundamental for conservation of gas purity during cylinder change to maintain the purity and even the safety level using toxic gases. Benefit of this design with its high functionality is a optimal security for personnel and installation.

Technical data

Body material:	stainless steel 1.4404 specially cleaned
Diaphragm:	Hastelloy, Elgiloy
Sealing material:	PCTFE
Performance data:	see chapter 5.1
Basic design aspects:	see page 10
Nominal width:	DN 5
KV-value:	0,25 (straight-type)
Inlet filter:	100 µm mesh
Inlets/outlets:	G 1/4" f

Order code

Type	Material	Inlet pressure	Cyl. conn.	Outlet conn.	Gas type
DPS L	SS	F	DIN	CL6	Gas
DPB-L = triple left	SS = stainless steel	F = 230 bar/3300 psi	DIN	0	Specification of used gas
DPB-R = triple right			ANSI	CL6	
			AFNOR	CL8	
			NBN	CL10	
			BS 341	CL12	
			CGA		
			NEN		
			UNI		