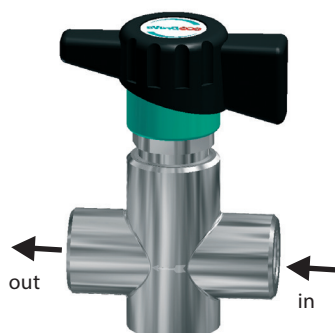
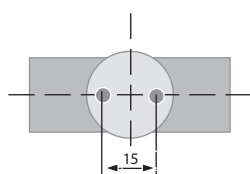


DIAPHRAGM SHUT-OFF VALVES MVA 500/530

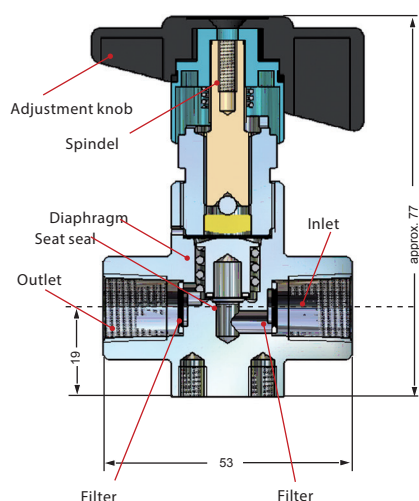


MOUNTING



The MVA 500 has 2 bore holes M6 on the bottom.

CROSS SECTION



For inert, reactive, flammable and oxidizing gases and gas mixtures, purity max. 6.0, inlet pressure:

MVA 500: 230 bar/ 3300 psi
MVA 530: 315 bar /4500 psi

SPECIAL FEATURES

- Quick operation through 90° shut-off function
- Clearly visible open/closed position
- Increased lifespan through the fine adjustment of the closing pressure

DESCRIPTION

The diaphragm valve MVA 500 is characterized through its outstanding functional safety and high leak-tightness. The open/closed position on the valve is achieved through a 90°-turn of the handle (with a click into the end position).

APPLICATION

As a line shut-off in a centralized high purity gas supply. As a system component in high and low pressure areas.

TECHNICAL DATA

Body:	Stainless steel 1.4404 specially cleaned and electro-polished or brass
	CW614 (CuZn39Pb3) specially cleaned, nickel-plated and chrome-plated
Diaphragm:	Elgiloy
Body seals:	PCTFE
Leakage rate:	< 1×10 ⁻⁶ mbar l/s Helium (seats), < 1×10 ⁻⁹ mbar l/s Helium (outboard)
Dimensions (w×h×d):	approx. 53×77×40 mm
Nominal width:	DN 5
Working temperature:	-25° to 70°C / -13 °F to 158 °F
Kv-value:	0.25
Inlet/outlet filter:	100 µm mesh
Vacuum capable:	yes
Weight:	approx. 280 g

ORDER CODE

Type	Material	Inlet	Outlet	Gas type
MVA 500	BC	CL6 BC	CL6 BC	GAS
MVA 500	BC = brass	0=NPT 1/4"f	0=NPT 1/4"f	Please specify
MVA 530	chrome-plated	CL6*	CL6*	
	SS = stainless steel	CL8	CL8	
		CL10	CL10	
		CL12	CL12	
		BC = brass	BC = brass	
		SS = stainless steel	SS = stainless steel	