

SERIES VD | DIAPHRAGM LINE VALVE

- Low to high-pressure line valves for various pure gas
- High leak tightness through diaphragm sealing
- a consistent design for all versions

SHUT-OFF VALVE

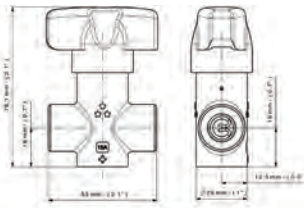
- ★ From 50 to 300 bar inlet pressure
- ★ Diaphragm seal
- ★ ¼ turn handwheel
- ★ O₂ compatible (only with Brass version)

KEY FEATURES

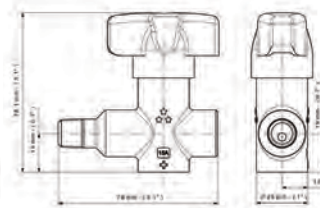
- For gas purity up to 6.0
- Hastelloy® diaphragm for tightness and gas compatibility
- ¼ turn ergonomic handwheel
- Chrome-plated brass or stainless steel
- 3 versions : 50, 200 and 300bar inlet working pressure
- 3 orientations : female-female, male-female, female-male
- Available with 1/4NPT or G3/8 connections
- With rear threads for panel mounting



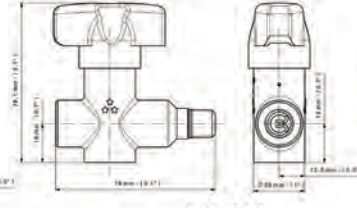
¼ NPT FF & G³/₈" FF



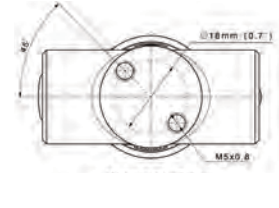
¼ NPT MF



¼ NPT FM



REAR MOUNTING



SPECIFICATIONS

Ports	¼ NPT : FF, MF or FM G ³ / ₈ : FF	Weight	310g	Inlet pressure	50 / 200 / 300 bar
Seat seal	PCTFE	Leak rate	10 ⁻⁸ mbar l/s He	Flow coefficient (Kv)	0,17 Kv / 0,2 Cv
Diaphragm	Hastelloy®	Temperature range	-20° to +60 °C	Oxygen use	Ok up to 310 bar (brass version only)
Bottom tapered	OK 2x M5 at Ø18mm	Seat orifice size	Ø 4mm		

PRODUCT CONFIGURATOR

V	D	Body Material		Inlet Pressure		Orientation		Connection		Handwheel	
		B	S	50	200 / 310	FF	MF / FM	N	G	¼T	¼T
		Chrome plated brass	B	50 bar	50	Female-Female	FF	¼NPT	N	¼ turn	¼T
		Stainless steel	S	200 bar	200	Male - Female (only with ¼NPT)	MF	G ³ / ₈	G		
				310 bar	310	Female - Male (only with ¼NPT)	FM				