

Ultra High Purity, Diaphragm Operated Control Valve for Low Pressure Cylinders

APPLICATIONS

- Liquefied Low Pressure Gases
- High Purity
- Ultra High Purity

ON THE WEB

- Sell Sheet
- Technical Brochure

CALL US FOR

- 2-D CAD Drawing
- Engineering Specification
- Instruction Manual
- Typical Installation Drawing

Materials of Construction (Wetted)

Diaphragm

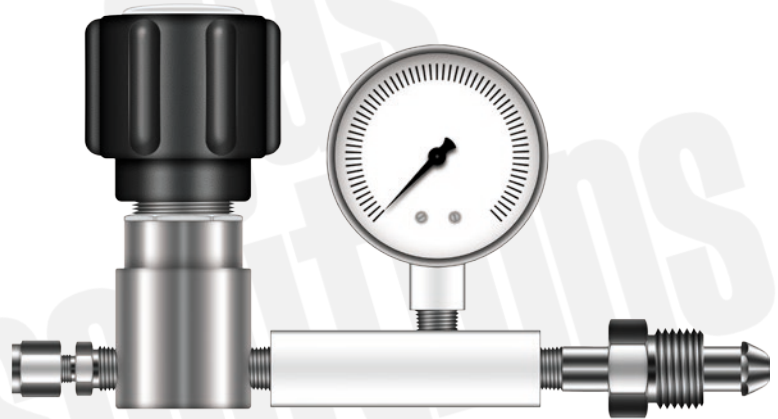
316L Stainless Steel

Seat

Nylon 6,6

Body



Brass / 316 Stainless Steel



Dimensions

Valve Size	Knob Dia	Thread distance from bottom	Total height	Body dia
¼" Compression	1.68" (43.0 mm)	0.38" (10 mm)	3.52" (90 mm)	1.25" (31.7 mm)

Technical Specifications

End Connections Size	Flow Coefficient	Installation Service Usage	Maximum Working Pressure	Surface Finish Roughness Average	Leak Rate	Working Temperature Range
Inlet/Outlet	Cv	Cleaning		Ra	Helium Test	 °C
As per Order	¼" = 0.06	Cleaned for Oxygen Service	35 bar (500 PSIG)	13 Ra	1 x 10 ⁻⁸ atm-cc/sec	- 40 to 60°C

Ordering Information

LCV [] - [] - [] - []

MOC	Inscribe
Brass	B
316 Stainless Steel	S

Inlet Connection	Inscribe
As per IS-3224-2002	ISR
As per CGA	CGA
As per DIN	DIN

Gas Name

Outlet Connection	Inscribe
¼" NPT (Female) Port	00
¼" NPT (Male)	01
⅛" Compression	06
¼" Compression	07
Pushfit Connection for 4 mm PU Tube	4MMPU
Pushfit Connection for 6 mm PU Tube	6MMPU

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