

VIEW: X

DESIGN VARIANT

Seat disc materials: PVDF, PI (Vespel®)

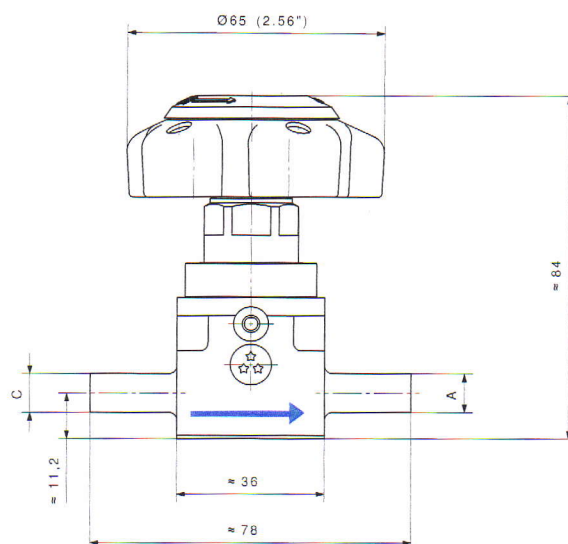
OPTIONS

- electrochemically polished
- Clean room assembling

REQUEST FOR QUOTATION

please specify using product definition sheet Fr03.5.05.002

- gas service / Working pressure
- valve material
- Inlet & outlet connections (A & C acc. to national standard)
- Surface treatment
- Packaging and conditioning



Connections:
A outlet
C inlet

GAS WETTED MATERIALS

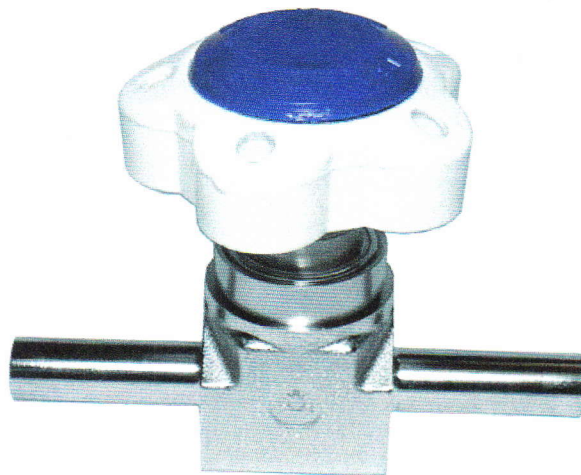
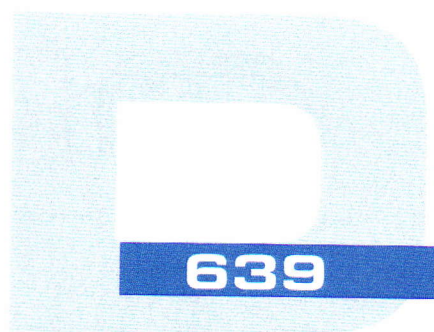
BODY	DIAPHRAGM	LOWER SPINDLE	SEAT DISC
AISI 316L	<u>STANDARD VALVE</u>		PCTFE
	Hastelloy®	Nickel	
	<u>OPTIONAL (please contact us before ordering)</u>		PVDF PI (Vespel®)



CEODEUX

PURETEC

High flow line valves, tied diaphragm double seal type, for ultra high purity corrosive gases



APPLICATION

see gas list in annex table

KEY FEATURES

- Tied diaphragm design with minimal gas wetted volume.
- Combined soft and metal seat design with low permeation rate.
- Positive operation due to mechanical link of the upper and lower spindle.
- Patented operating mechanism.
- Threaded weep hole for pipe away connection.

STANDARD SPECIFICATION

Working pressure p max	200 bar / 3000 psi
Temperature range	-40 °C (-40°F) to + 65 °C (149°F)
Helium leak rate at p max	
• internal	10 ⁻⁸ mbar.l/s
• external	10 ⁻⁸ mbar.l/s
• safety	10 ⁻⁸ mbar.l/s
Flow coefficient Cv	0.5
Seat orifice size	6 mm
Gas wetted materials	see table on backside