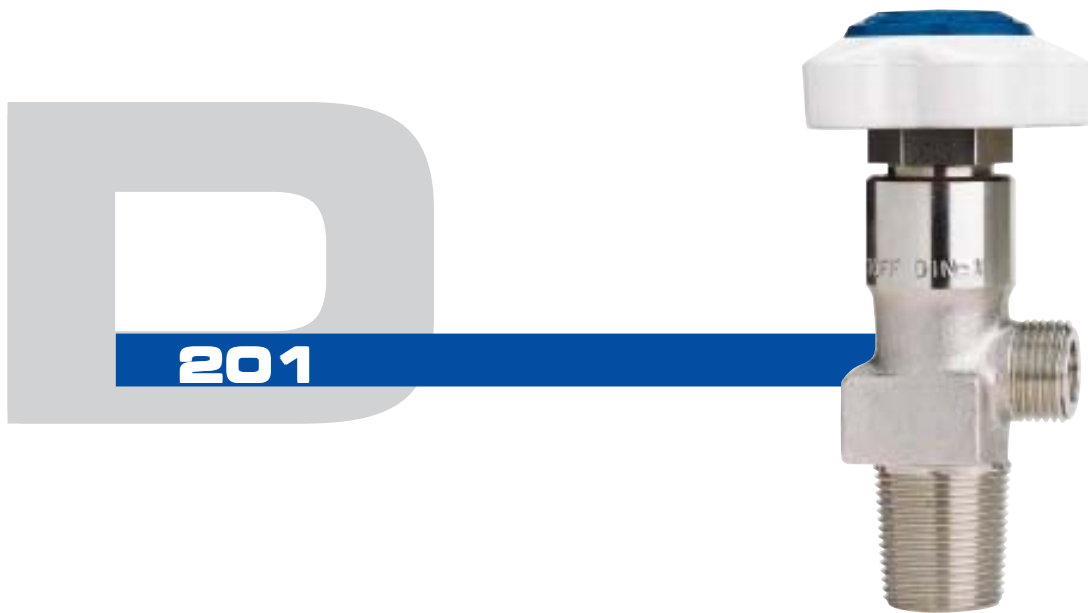




# CEODEUX

## PURETEC

High pressure cylinder valves, diaphragm seal type with metal to metal seat, for high purity gases



### KEY FEATURES

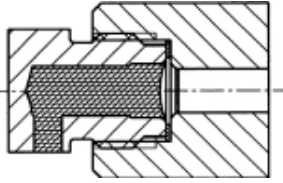
- All metal seal, no contamination
- High leak tightness integrity through diaphragm sealing
- High performance thrust pad

### STANDARD SPECIFICATION

Working pressure p <sub>max</sub>	200 bar/3000 psi
Temperature range	-20°C up to + 70°C
Helium leak rate	at p <sub>max</sub>
• internal	10 <sup>-7</sup> mbarl/sec
• external	10 <sup>-7</sup> mbarl/sec
• safety	10 <sup>-8</sup> mbarl/sec
Flow coefficient C <sub>v</sub>	0,25
Seat orifice size	3,5 mm
Gas wetted materials	see table on back side



**DESIGN VARIANT**



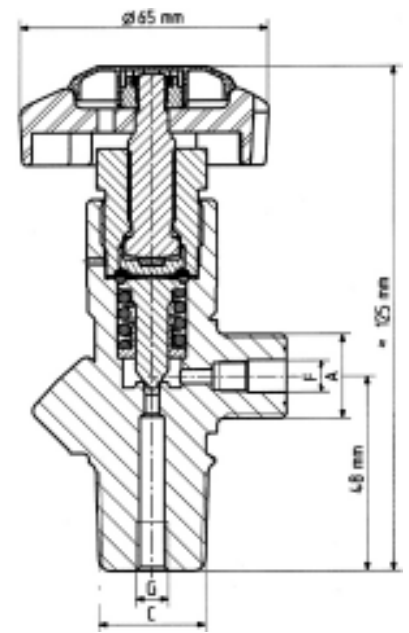
**SAFETY DEVICE**

Pressure relief devices are in accordance with CGA S-1.1  
Burst disc materials are nickel or AISI 316L

**OPTIONS**

- Chrome or nickel plating, for brass valves
- Gas wetted components electrochemically polished
- Clean room assembling
- Cleaning for UHP/ECD applications
- Dip tube connections
- Flow restrictor threading

Connections:  
A outlet  
C inlet  
F flow restrictor  
G dip tube



**ORDERING**

When ordering, please specify:

- Serial number or range
- Type of gas
- Connections
- Safety device specifications
- Options and special features

<b>SERIES</b>	<b>D201 1</b>	<b>D201 3</b>
Body material	AISI 303	Brass
Body material	AISI 316L	
Body material		

**GAS WETTED MATERIALS**

<b>BODY</b>	<b>DIAPHRAGM</b>	<b>LOWER SPINDLE</b>	
	Hastelloy®	AISI 303	Nickel
AISI 303	■		■
AISI 316L	■		■
Brass	■	■	

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