



# CEODEUX

## PURETEC

High pressure cylinder valves, dual port,  
2-piece sturdy stem design with self  
adjusting, spring loaded gland packing,  
for corrosive technical gases, soft seat



### KEY FEATURES

- dual port design to withdraw liquid or vapour
- easy withdrawal of liquefied gas by pressurising through vapour port
- quick filling of liquefied gas by releasing cylinder head pressure through additional vapour port
- eliminates need for 2-valve system on certain containers reducing leak risk potential and cost of ownership

### STANDARD SPECIFICATION

Working pressure pmax	200 bar/3000 psi
Temperature range	-20 °C - + 70 °C
Helium leak rate	at pmax
• internal	10-6mbarl/sec
• external	10-5mbarl/sec
• safety	10-8mbarl/sec
Flow coefficient Cv	1
Seat orifice size	6 mm
Gas wetted materials	see table on backside



**DESIGN VARIANT**

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

**SAFETY DEVICE**

**OPTIONS**

- threading for flow restrictor
- dip tube connection
- alternative body material: carbon steel
- alternative seat disc materials: Nylon®, PCTFE and PVDF ( KYNAR® )
- valve spindle with shear off section to prevent overtorquing
- key operation

Connections:  
A, A1 outlets  
C inlet  
F, F1 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>D195 1</b>	<b>D195 2</b>			
Body material	AISI 303	11SMn30			
Body material	AISI 316L				

**GAS WETTED MATERIALS**

<b>BODY</b>	<b>PACKING</b> PTFE	<b>SEAT DISC</b> PCTFE	<b>PIN</b> AISI 316L	<b>SPINDLE</b> AISI 316L	<b>WASHER</b> AISI 303    AISI 316L	
AISI 303	■	■	■	■	■	
AISI 316L	■	■	■	■		■
11SMn30	■	■	■	■	■	

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