

## Cryogenic Check Valve Piston Type

**ST-203E Rev.0.0**

# VDR8355

**Maximum Pressure**  
**100 Barg**  
**Temperature**  
**-196/+100°C**



*The VDR check valves are piston type. Are suitable for use with cryogenic fluids up to -196°C.*

*The plug is driven and is provided of an anti-rotation system.*



*The leakage rate is Class VI and it is guaranteed by a PTFE insert.*

*The valves are manufactured according to ASME B16.34 and comply with 97/23/EC (PED) standard requirements.*

### Materials

**Body** ASTM A 351 CF3/CFS  
**Bonnet** Brass.UNI 12164/5  
**Disc** Brass.UNI 12164/5  
**Leakage** PTFE Class VI

### Operating Conditions

**MOP** Max Op. Press. NP 100 Barg.  
**MOT** Max Operative Temperature -196/+100°C

### Models/Connections

**VDR 8355** BW  
**VDR 8356** SW  
**VDR 8357** Female screwed  
**VDR 8358** Male screwed  
**VDR 8359** Flanged

### Characteristics

- Piston check valve
- Guided plug
- Suitable for cryogenic fluids
- PT plug
- FIRE SAFE ISO 10497
- Spring AISI 316
- Anti-rotation system

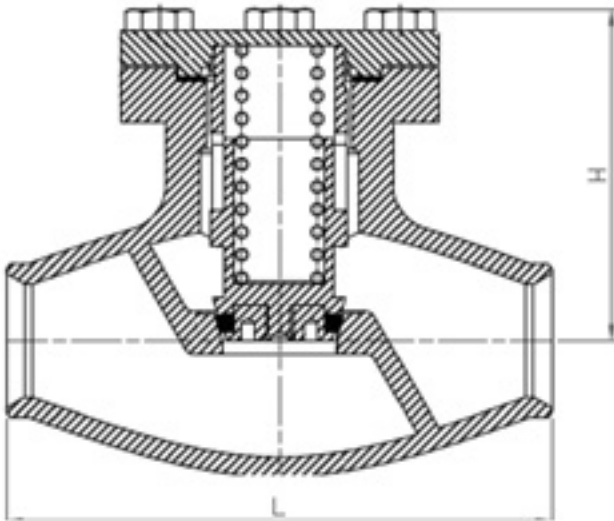
### Applications

- Suitable for cryogenic fluids
- Liquid Oxygen -196°C
- Liquid Nitrogen -196°C
  - Air
  - LPG & LNG



## VDR8355 - Cryogenic Check Valve Piston Type

### Overall Dimensions and Technical Characteristic



DN	L mm	H mm
6-10	70	50
15	100	65
20	110	70
25	120	75
32	143	95
40	158	105
50	175	115
65	215	156
80	241	175



### Certifications



GOST R N.9239

UNI EN ISO 9001:2008  
ICIM Certificato N. 0075/5

