



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

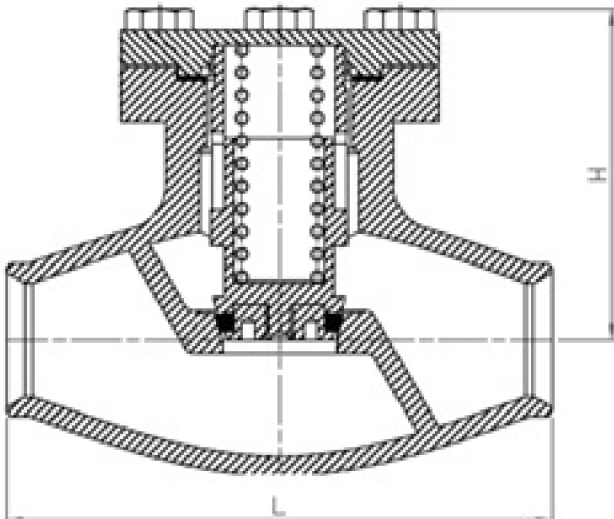
Applications

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

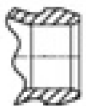


VDR8355 - Cryogenic Check Valve Piston Type

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



VDR 8355



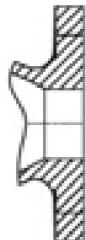
VDR 8356



VDR 8357



VDR 8358



VDR 8359

Certifications

CE 97/23/CE (PED)

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



ATEX EX II 2G

