

Changeover Valves

Type 06512 - Diverter Valve



Cryogenic Diverter Valves, bronze, PN50

for the installation of four safety valves,
provided for bursting disc connections,
"cleaned and degreased for oxygen service"

Part No. 06512.X.0000

Female thread connection (G) acc. to ISO 228/1

Part No. 06512.X.6000

Female thread connection NPT acc. to ANSI B 1.20.1



Available Options - on request only:

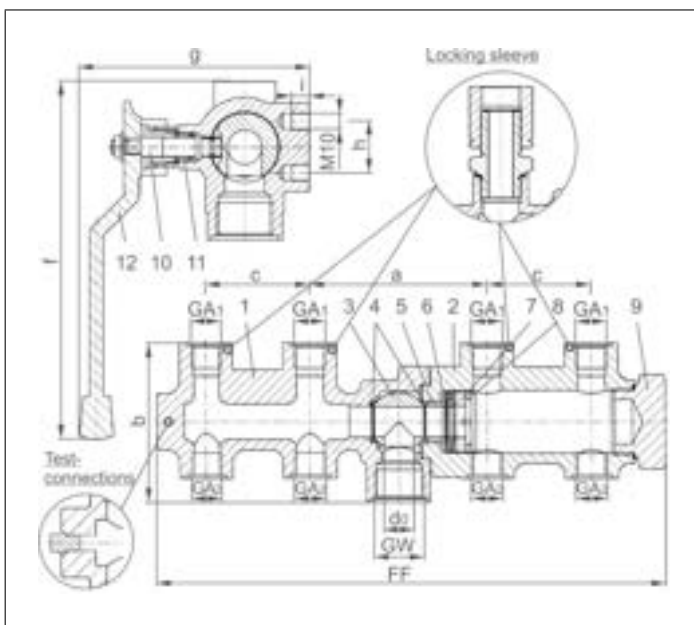
- Inlet with union type braze or butt weld fitting
- Two extra test connections 1/4" edgeways
- Inlet: female thread (GW) 1/2" or 3/4"
- Outlet GA₁ with installed locking sleeve for easy positioning of safety valves
- Combination of different outlet threads GA₁ - GA₂
- **Safety lock (Part No. 55394.0043.0765)**

Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.

Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)

Materials	DIN EN	ASTM
1 Body I	CC491K	B 62 UNS C83600
2 Body II	CC491K	B 62 UNS C83600
3 Ball	1.4571	A 276 Grade 316Ti
4 Seat rings	PCTFE	
5 Bush	CW614N	B 283 UNS C38500
6 Spring plates	1.4571	A 313 Grade 316Ti
7 Spring clamp	CW614N	B 283 UNS C38500
8 Thread ring	CW614N	B 283 UNS C38500
9 Plug	CW614N	B 283 UNS C38500
10 Stem	1.4301	A 276 Grade 304
11 Gland packing	Graphit / PTFE	
12 Lever	1.4404	A479 Grade 316L



Type 06512 - Standard design	Technical data		
Nominal size	DN	20	20
Dimension code	.X.	2004	2006
Flow diameter	d ₀	20	20
Inlet	GW	1	1
Outlet	GA ₁	1/2	3/4
Outlet	GA ₂	1/2	1/2
Face-to-face dimension	FF	345	345
Length	a	120	120
Height	b	107	107
Length	c	70	70
Length	f	223	223
Length	g	134	134
Length	h	30	30
Thread depth	i	10	10
Weight	ca. kg	7.2	7.1
Kvs - Value, one side open	m ³ /h	7.7	7.7
Cv - Value, one side open	gal /min	9.2	9.2

Dimensions in mm.

Important:

The valves must be fixed at the provided threads M10.

Spare part kit for lever replacement:

For Change-over Valves 0651X,
there is a spare part kit available for
replacing the lever (also suitable for
versions before 07/2024).
DN20 30320.0200.0783
DN32 30320.0320.0783