

Changeover Valves

Type 06510 - Diverter Valve



Cryogenic Diverter Valves, bronze, PN50

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

Part No. 06510.X.0000

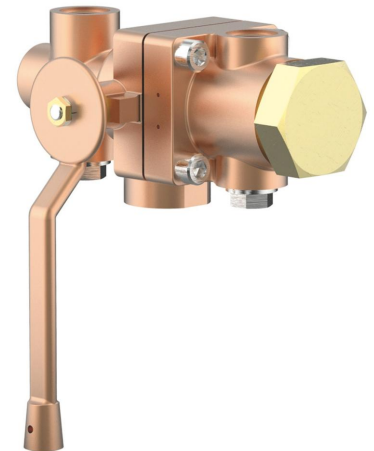
Female thread connection (G) acc. to ISO 228/1

Part No. 06510.X.6***

Female thread connection NPT acc. to ANSI B 1.20.3

Available Options - on request only:

- Two extra test connections 1/4" edgeways
- Inlet: female thread (GW) 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)**

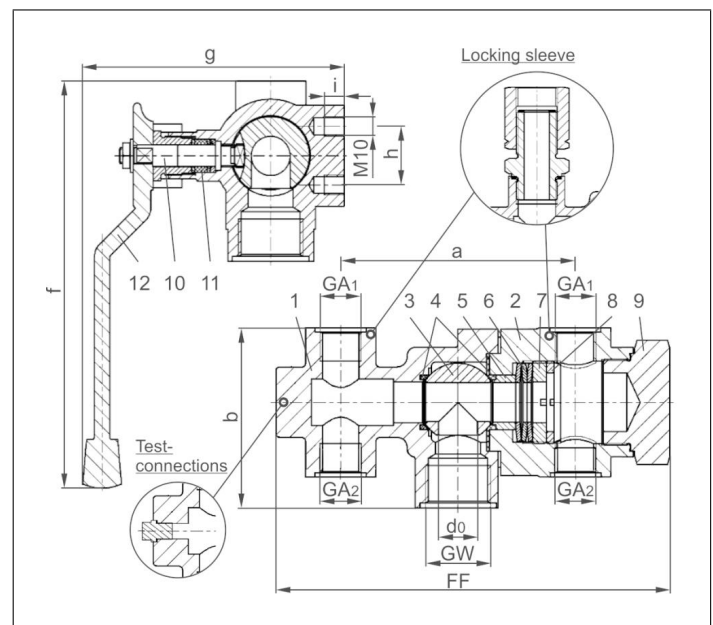


Applications:

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	Graphite / PTFE	
12 Lever	CC491K	B 62 UNS C83600



Type 06510 - 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	201	201
Length	a	120	120
Height	b	92	92
Length	f	208	208
Length	g	134	134
Length	h	30	30
Thread depth	i	10	10
Weight	ca. kg	4.8	4.7
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.

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Part No. 06510.X.0008

Inlet: union type braze fitting for pipe outside diameter 26.9mm

Outlet: female thread connection (G) acc. to ISO 228/1

Part No. 06510.X.000*

Inlet: union type butt weld fitting, when order please indicate pipe diameter

Outlet: female thread connection (G) acc. to ISO 228/1

Part No. 06510.X.6026

Inlet: union type butt weld fitting for pipe 33.4mm S10

Outlet: female thread connection NPT acc. to ANSI B 1.20.3

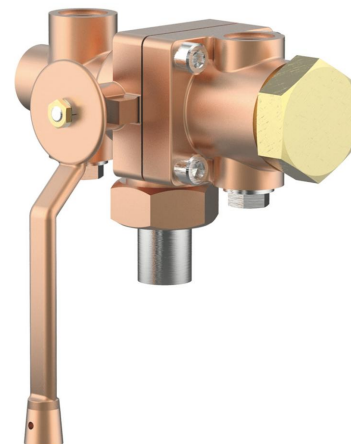
Available options - on request only:

- Two extra test connections 1/4" edgeways
- Inlet: union type braze or butt weld fitting for other pipe diameter
- 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)**

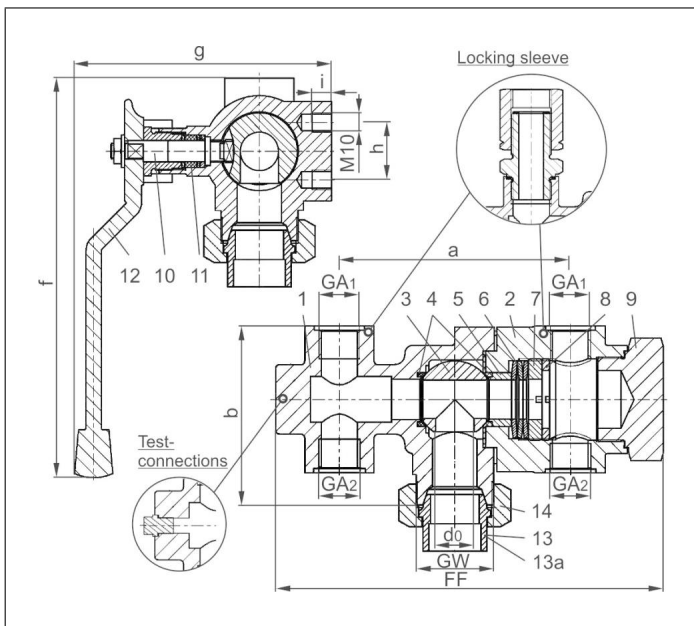
Applications:

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	CC491K	B 62 UNS C83600
13 Braze fitting	CC493K	B 505 UNS C93200
13a Weld fitting	1.4301	A 276 Grade 304
14 Union nut	CC493K	B 505 UNS C93200



Type 06510 - Standard design	Technical data		
Nominal size	DN	20	20
Dimension code	.X.	2040	2060
Flow diameter	d ₀	20	20
Inlet	GW	M40x2	M40x2
Outlet	GA ₁	1/2	3/4
Outlet	GA ₂	1/2	1/2
Face-to-face dimension	FF	201	201
Length	a	120	120
Height	b	92	92
Length	f	208	208
Length	g	134	134
Length	h	30	30
Thread depth	i	10	10
Wrench size across flats	S ₁	50	50
Weight	ca. kg	5.1	5.0
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.

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Part No. 06510.X.0120

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

Part No. 06510.X.6000

Female thread connection NPTF acc. to ANSI B 1.20.3

Available Options - on request only:

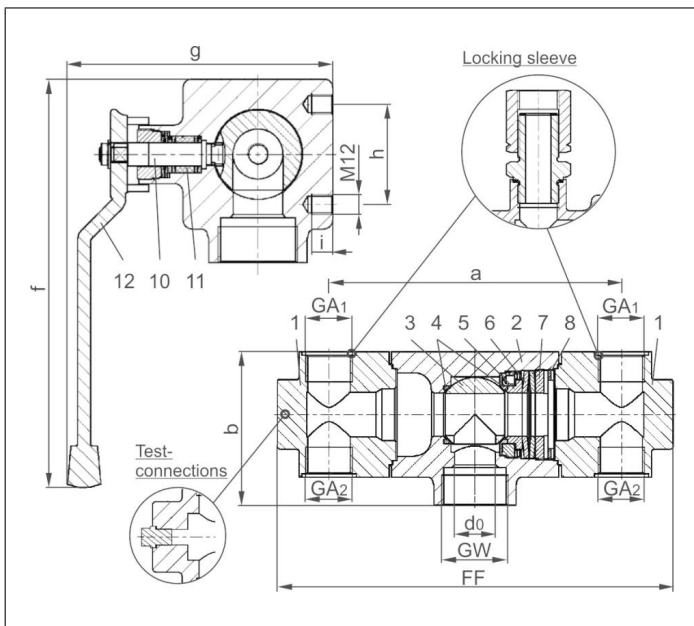
- Inlet with union type braze or butt weld fitting
- Two extra test connections 1/4" edgeways
- Outlet GA₁ with installed locking sleeve for easy positioning of safety valves
- Combination of different outlet threads GA₁ - GA₂
- **Safety lock (Part No. 55394.0049.0765)**

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
10 Stem	1.4301	A 276 Grade 304
11 Gland packing	Graphit / PTFE	
12 Lever	CC491K	B 62 UNS C83600



Standard marking acc. to Pressure Equipment Directive 2014/68/EU (PED).



Type 06510 - Standard design	Technical data			
Nominal size	DN	32	32	32
Dimension code	.X.	3210	3212	3214
Flow diameter	d ₀	30	30	30
Inlet	GW	1-1/2	1-1/2	1-1/2
Outlet	GA ₁	1	1-1/4	1-1/2
Outlet	GA ₂	1	1-1/4	1-1/2
Face-to-face dimension	FF	300	284	284
Length	a	210	210	210
Height	b	110	145	145
Length	f	245	245	245
Length	g	160	160	160
Length	h	60	60	60
Thread depth	i	12.5	12.5	12.5
Weight	ca. kg	12.2	13.5	13.5
Kvs - Value, one side open	m ³ /h	16.7	16.7	16.7
Cv - Value, one side open	gal /min	19.4	19.4	19.4

Dimensions in mm.

Important:

The valves must be fixed at the provided threads M12.