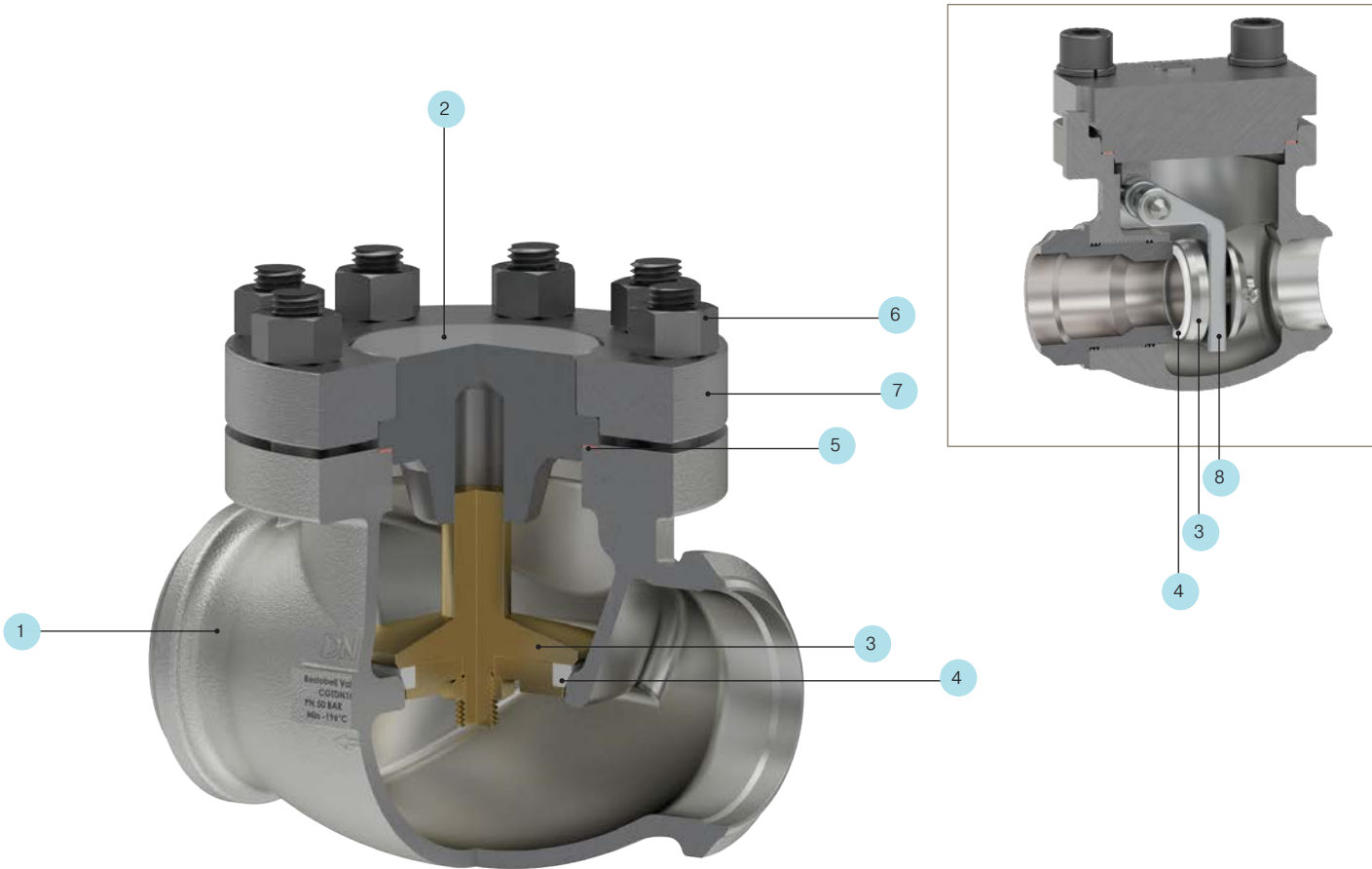


Check Valves

Technical Information

Bill of Materials

	Description	Bronze	Stainless Steel with Bronze Internals	Full Stainless Steel
		Lift Check Valve CGB Series	Lift Check Valve CGT Series	Swing Check valve CHC Series
1	Body	Gun Metal BS EN 1982 CC491K	Stainless Steel ASTM A351 CF8M	
2	Cover	Stainless Steel BS EN 10088-3 1.4301		Stainless Steel ASTM A351 CF8M
3	Disc	HT Brass BS EN 12164 CW 721R		Stainless Steel BS EN 10088-3 1.4401
4	Seal	Virgin PTFE		
5	Gasket	Sigma 511		
6	Fasteners	Stainless Steel ASTM A351 CF8M		
7	Bonnet flange	Stainless Steel ASTM A269 TP304L		N/A
8	Arm	N/A		Stainless Steel ASTM A351 CF8M



WARNING

The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Ordering Information

Lift Check Valves - Bronze CGB Series

CGB		DN15		TA		TA		B	
Series		Valve Size		Inlet Connection		Outlet Connection		Bonnet Type	
Cryogenic Lift Check Valves - Bronze	CGB	15 mm	DN15	BSP-PL Female	TA	BSP-PL Female	TA	Bolted	B
		25 mm	DN25	NPT Female	TE	NPT Female	TE		
		40 mm	DN40	Screwed Schedule 10 Stainless Steel Stubs	ST	Screwed Schedule 10 Stainless Steel Stubs	ST		
		50 mm	DN50						

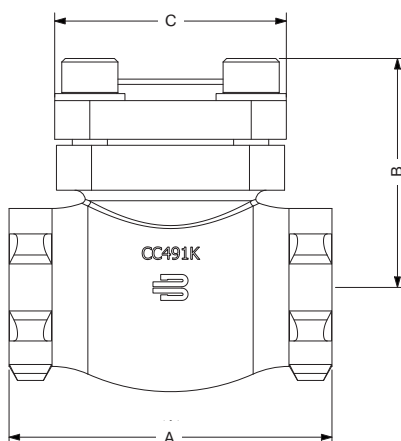
Notes:

1. Inlet and outlet connections must be of the same type.
2. Options available on request: Spring-loaded; DN6, DN10 size valves; Socket Weld end connections.

Specifications

Threaded Ends/Threaded Ends with Stainless Steel Stubs

Valve Size		DN15 15 mm	DN25 25 mm	DN40 40 mm	DN50 50 mm
A	mm	68	92	121	146
B	mm	51	71	84	107
C	mm	55	66	81	108
Cv	US GPM	3.6	13.2	26.5	43.0
Weight	kg	1.0	1.8	3.7	6.4
Opening Pressure	PSI	0.37	0.37	0.24	0.21



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Check Valves

Ordering Information

Lift Check Valves - Stainless Steel with Bronze Internals

CGT Series

CGT		DN25		B1		B1		B	
Series		Valve Size		Inlet Connection		Outlet Connection		Bonnet Type	
Cryogenic Lift Check Valves - Stainless Steel with Bronze Internals		15 mm	DN15	Butt Weld	B1	Butt Weld	B1	Bolted	B
CGT		25 mm	DN25	Schedule 10		Schedule 10			
		40 mm	DN40	Socket Weld	SW	Socket Weld	SW		
		50 mm	DN50						
		65 mm	DN65						
		80 mm	DN80						
		100 mm	DN100						

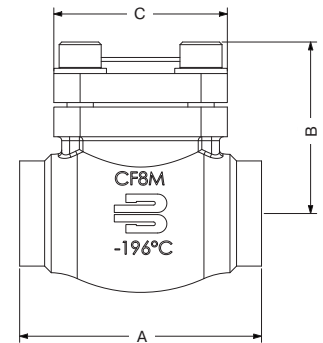
Notes:

1. Inlet and outlet connections must be of the same type.
2. Options available on request: Spring; Butt Weld Schedule 40; DN6, DN10, DN150 size valves.

Specifications

Butt Weld/Socket Weld Ends

Valve Size		DN15 15 mm	DN25 25 mm	DN40 40 mm	DN50 50 mm	DN65 65 mm	DN80 80 mm	DN100 100 mm
A	mm	68	92	121	146	178	178	292
B	mm	51	71	84	107	145	145	193
C	mm	55	66	81	108	130	133	169
Cv	US GPM	3.6	13.2	26.5	43.0	68	98	174
Weight	kg	1.0	1.6	3.2	6.5	9.0	13.4	35.0
Opening pressure	PSI	0.37	0.37	0.24	0.21	0.25	0.27	0.34



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Swing Check Valves - Full Stainless Steel

CHC Series

CHC		DN25		B1		B1	
Series		Valve Size		Inlet Connection		Outlet Connection	
Cryogenic Swing Check Valves - Full Stainless Steel		25 mm	DN25	Butt Weld Schedule 10	B1	Butt Weld Schedule 10	B1
CHC		40 mm	DN40	Flange ASME CL150	FA	Flange ASME CL150	FA
		50 mm	DN50	Flange ASME CL300	FC	Flange ASME CL300	FC
		80 mm	DN80				

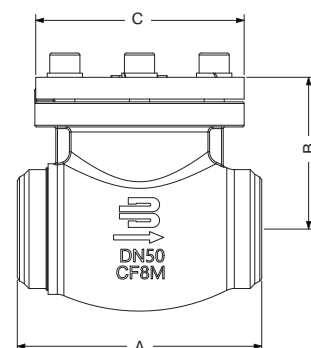
Notes:

1. Inlet and outlet connections must be of the same type.
2. Options available on request: DIN Flanges; Butt Weld Schedule 40; Socket Weld: DN65, DN100 (only flanged end connections CL150).

Specifications

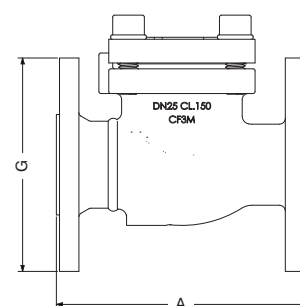
Butt Weld/Socket Weld Ends

Valve Size		DN25 25 mm	DN40 40 mm	DN50 50 mm	DN80 80 mm
A	mm	92	121	146	260
B	mm	64	73	92	110
C	mm	70	110	125	155
Cv	US GPM	20	48	90	192
Weight	kg	2.0	3.8	5.9	15.2
Opening pressure	PSI	0.21	0.22	0.22	0.50



Flanged Ends

Valve Size		DN25 25 mm	DN40 40 mm	DN50 50 mm	DN80 80 mm
A	mm	Class 150	127	200	203
		Class 300	208	N/A	267
G	mm	Class 150	123.8	127.0	152.4
		Class 300	108.0	N/A	165.0
Flange thickness	mm	Class 150	11.00	19.05	19.05
		Class 300	17.50	N/A	22.20
Weight	kg	Class 150	3.2	7.2	8.0
		Class 300	4.0	N/A	9.0



Dimensions B, C and Cv values are the same as for Butt Weld/Socket Weld ends.

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Spares Kits

Check Valves

Manual Lift Check Valves - Bronze

CGB Series

Valve Size	DN15	DN25	DN40	DN50
Gasket & Seal Kit	CGBRDN15	CGBRDN25	CGBRDN40	CGBRDN50

Manual Lift Check Valves - Stainless Steel with Bronze Internals

CGT Series

Valve Size	DN15	DN25	DN40	DN50	DN65	DN80	DN100
Gasket & Seal Kit	CGTRDN15	CGTRDN25	CGTRDN40	CGTRDN50	CGTRDN65	CGTRDN80	CGTRDN100

Manual Swing Check Valves - Full Stainless Steel

CHC Series

Valve Size	DN25	DN40	DN50	DN80
Gasket & Seal Kit	CHCRDN25	CHCRDN40	CHCRDN50	CHCRDN80
Gasket & Disc/Seal Kit	CHCDDN25	CHCDDN40	CHCDDN50	CHCDDN80

Gasket & Seal Kit	
Content	Quantity
Gasket	1
Seal	1



Gasket & Seal Kit for Parker Bestobell Cryogenic Manual Lift Check Valves in Bronze and Stainless Steel with Bronze Internals

Gasket & Disc/Seal Kit	
Content	Quantity
Gasket	1
Pin split	1
Disc	1
Seal	1



Gasket & Disc/Seal Kit for Parker Bestobell Cryogenic Manual Swing Check Valves in Full Stainless Steel

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