



Producto distribuido por

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Cryogenic Stainless Steel Globe Valve

Bolted Bonnet - Extended Stem
 Stainless Steel Body with Bronze Internals
 DN6 - DN50 (1/4" - 2")

The Parker Bestobell range of extended globe valves have been designed to eliminate leakages, maximize lifetime operation and reduce maintenance and spares cost.

The range is available with either Butt Weld, socket end or flanged options and utilizes Parker Bestobell's unique independent bonnet and flange design, eliminating leakage through the flange gasket.

The Stainless Steel extended stem globe valve has a bolted bonnet, integral cone seat and renewable PTFE/PCTFE seal, complete with Stainless Steel internals. Available with various ends, the valve is of the cone seat design for drop tight shut off. The bolted bonnet allows easy maintenance, even in confined spaces.

All valves are degreased for oxygen duty, assembled in clean room conditions and pressure tested prior to dispatch.

Maximum Working Pressure (MWP)

Subject to end connections

Up to 50 bar (725 psi) at -196°C to +65°C

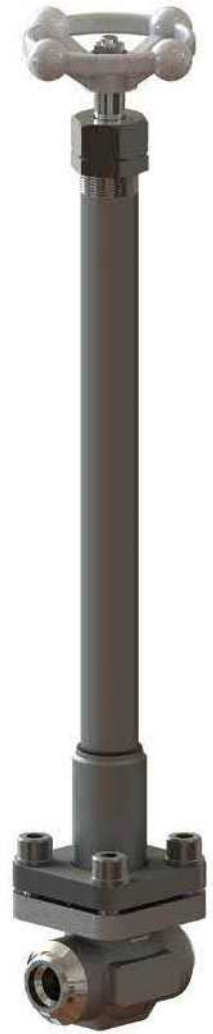
Features

- Unique Parker Bestobell loose flange bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- PTFE/PCTFE seal to ensure tight shut off at all times
- Designed and engineered specifically for cryogenic service
- Anti-blowout stem and one-piece high strength design for operator safety
- Long life, low torque stem thread
- Lightweight ergonomic aluminium handwheel
- Screwed and welded high strength extension tube / bonnet joints
- Revolving disc ensures non-rotating seat contact for an extended leak free life
- Full bore
- Fast/easy maintenance of PTFE/PCTFE components
- Long life spring loaded gland packing

Technical

- Designed and engineered for use with Group 1 gases.
- Designed and manufactured in accordance with ASTM B31.1, BS EN 1626 and BS ISO 21011
- Optional full material traceability backed by BS EN 10204 3.1/3.2 certification.

CE Marked according to the Pressure Equipment Directive



DN15 Stainless Steel Globe Valve Extended Stem with Bronze Internals and Butt Weld Ends



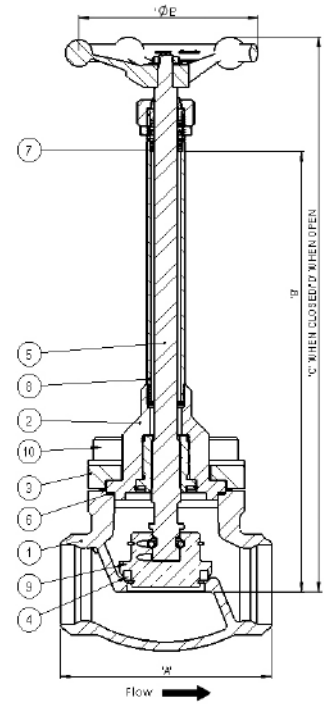
DN50 Globe Valve with Butt Weld Ends



DN50 Globe Valve with Butt Weld Ends Sectioned View

Materials

	Stainless Steel
1. Body	Stainless Steel ASTM A351 CF8M
2. Cover	Stainless Steel BS EN 10088-3 1.4301
3. Bonnet Flange	Stainless Steel ASTM A351 CF8M
4. Seal	Virgin PTFE/PCTFE
5. Stem	Stainless Steel BS EN 10088-3 1.4401
6. Gasket Bonnet	Sigma 511
7. Gland Packing	Virgin PTFE
8. Tube	Stainless Steel ASTM A312 TP304L
9. Disc	HT Brass BS EN 12164 CW721R
10. Fasteners	Stainless Steel BS6105 A2/A4 Gr.70



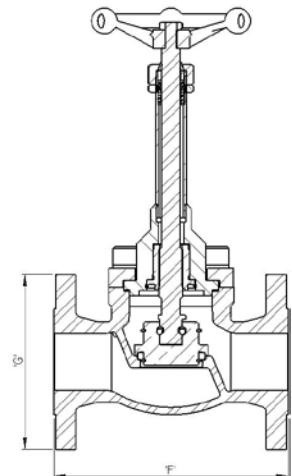
Specifications

Butt Weld/Socket Weld Ends

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"
A	mm	68	68	68	92	92	121	146
B	mm	230/300	230/300	230/300	230/300	230/300	230/300	230/300
C : Closed	mm	300/370	300/370	300/370	310/380	310/380	310/380	310/380
D : Open	mm	310/380	310/380	310/380	320/390	320/390	320/390	320/390
E	mm	80	80	80	101	101	121	144
Cv	US GPM	3.6	3.6	3.6	13.2	13.2	26.5	43
Weight	kg	1.6	1.6	1.6	2.3	2.3	4.2	6.8

Flanged Ends (Class 300)

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"
F	mm	130	130	130	160	160	200	230
G	mm	95	95	95	124	124	155	165
Flange Thickness	mm	14	14	14	18	18	21	22
Weight	kg	2.8	2.8	2.8	5.3	5.3	9.6	13.8



*Class 150 available on request

How to Order

The correct part number is easily derived from the following number sequence

CNT	10	B1	D	3	C
Series	Valve Size - Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Stem Length	Seat
CNT Cryogenic Globe Valve - Stainless Steel	10 DN6	B1 Butt Weld Schedule 10	Bolted Bonnet	3 230	C Cone
	20 DN10			6 300	
	30 DN15	SNE Socket Weld	Extended Stem		
	40 DN20				
	50 DN25				
	70 DN40				
	80 DN50				
		FA Flange Class 150			
		FC Flange Class 300			

Please contact us for other options.

Cryogenic Stainless Steel Globe Valve

Bolted Bonnet - Extended Stem

Stainless Steel

DN65 - DN100 (2½" - 4")

The Parker Bestobell range of Stainless Steel extended globe valves have been designed to eliminate leakages, maximize lifetime operation and reduce maintenance and spares.

The range is available with Butt Weld, Socket Ends or flanged options and utilizes Parker Bestobell's unique independent bonnet and flange design, eliminating leakage through the flange gasket.

The Stainless Steel extended stem globe valve has a bolted bonnet, integral cone seat and renewable PTFE seal, complete with bronze internals. Available with various ends, the valve is of the cone seat design for drop tight shut off. The bolted bonnet allows easy maintenance, even in confined spaces.

All valves are degreased for oxygen duty, assembled in clean room conditions and pressure tested prior to dispatch.

Maximum Working Pressure (MWP)

Subject to end connections

Up to 50 bar (725 psi) at -196°C to +65°C

Features

- Unique Parker Bestobell loose flange bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- Precision investment cast body – smooth surface finish
- PTFE seal to ensure tight shut off at all times
- Lightweight therefore excellent thermal characteristics and increased payload on mobile tanker application
- Designed and engineered specifically for cryogenic service
- Anti-blowout stem and one-piece high strength design for operator safety
- Long life, low torque stem thread
- Screwed and welded high strength extension tube / bonnet joints
- Revolving disc ensures non-rotating seat contact for an extended leak free life
- Fast/easy maintenance of PTFE/PCTFE components
- Long life spring loaded gland packing (Available on 2½" & 3")

Technical

- Designed and engineered for use with Group 1 gases.
- Designed and manufactured in accordance with ASTM B31.1, BS EN 1626 and BS ISO 21011
- Optional full material traceability backed by BS EN 10204 3.1/3.2 certification.

CE Marked according to the Pressure Equipment Directive



DN65 Stainless Steel Globe Valve
Extended Stem with Socket Ends



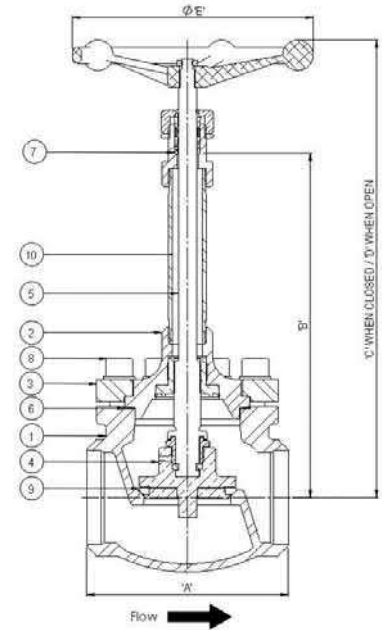
DN80 Stainless Steel
Globe Valve Extended
Stem with Butt Weld Ends



DN80 Stainless Steel
Globe Valve Extended
Stem with Flanged Ends

Materials

	Stainless Steel
1. Body	Stainless Steel ASTM A351 CF8M
2. Cover	Stainless Steel ASTM A351 CF8M
3. Loose Bonnet Flange	Stainless Steel ASTM A351 CF8M
4. Disc	HT Brass BS EN 12164 CW721R
5. Stem	Stainless Steel BS EN 10088-3 1.4401
6. Gasket	Sigma 511
7. Gland Packing	Virgin PTFE
8. Fasteners	Stainless Steel BS6105 A2/A4 Gr.70
9. Seal	Virgin PTFE
10. Tube	Stainless Steel ASTM A312 TP304L



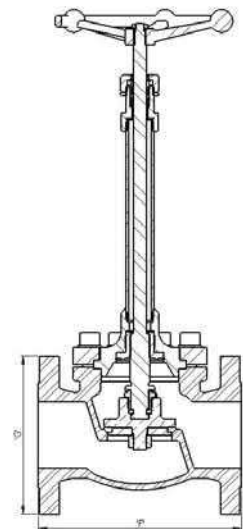
Specifications

Butt Weld Ends

Size	Unit	DN65 2½"	DN80 3"	DN100 4"
A	mm	178	178	292
B	mm	300	300	400
C	mm	392	407	578
D	mm	412	437	613
E	mm	171	222	380
Weight	kg	13	15	55
Cv	US GPM	75	108	198



DN100 Stainless Steel
Globe Valve Extended
Stem with Butt Weld Ends



Flanged Ends (Class 300)

Size	Unit	DN65 2½"	DN80 3"	DN100 4"
F	mm	290	310	350
G	mm	191	210	254
Flange Thickness	mm	25	28	32
Weight	kg	21	27	74



DN100 Stainless Steel
Globe Valve Extended
Stem with Flanged Ends

*Class 150 available on request

How to Order

The correct part number is easily derived from the following number sequence

CNT	90	B1	D	4	C
Series	Valve Size - Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Stem Length	Seat
CNT Cryogenic Globe Valve - Stainless Steel	90 DN65	B1 Butt Weld Schedule 10	Bolted Bonnet Extended Stem	4 300	C Cone
	A0 DN80	SNE Socket Weld		7 400	
	B0 DN100	FA Flange Class 150 FC Flange Class 300			

Please contact us for other options.

Cryogenic Stainless Steel Globe Valve

Bolted Bonnet – Non-Extended Stem

Stainless Steel Body with Bronze Internals

DN6 - DN50 (1/4" - 2")

The Parker Bestobell range of non-extended globe valves have been designed to eliminate leakages, maximize lifetime operation and reduce maintenance and spares cost.

The range is available with either Butt Weld, socket end or flanged options and utilizes Parker Bestobell's unique independent bonnet and flange design, eliminating leakage through the flange gasket.

The Stainless Steel non-extended stem globe valve has a bolted bonnet, integral cone seat and renewable PTFE/PCTFE seal, complete with Stainless Steel internals. Available with various ends, the valve is of the cone seat design for drop tight shut off. The bolted bonnet allows easy maintenance, even in confined spaces.

All valves are degreased for oxygen duty, assembled in clean room conditions and pressure tested prior to dispatch.

Maximum Working Pressure (MWP)

Subject to end connections

Up to 50 bar (725 psi) at -196°C to +65°C

Features

- Unique Parker Bestobell loose flange bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- PTFE/PCTFE seal to ensure tight shut off at all times
- Designed and engineered specifically for cryogenic service
- Anti-blowout stem and one-piece high strength design for operator safety
- Long life, low torque stem thread
- Lightweight ergonomic aluminium handwheel
- Revolving disc ensures non-rotating seat contact for an extended leak free life
- Full bore
- Fast/easy maintenance of PTFE/PCTFE components
- Long life spring loaded gland packing

Technical

- Designed and engineered for use with Group 1 gases.
- Designed and manufactured in accordance with ASTM B31.1, BS EN 1626 and BS ISO 21011
- Optional full material traceability backed by BS EN 10204 3.1/3.2 certification.

CE Marked according to the Pressure Equipment Directive



DN15 Stainless Steel Globe Valve Non-Extended Stem with Butt Weld Ends

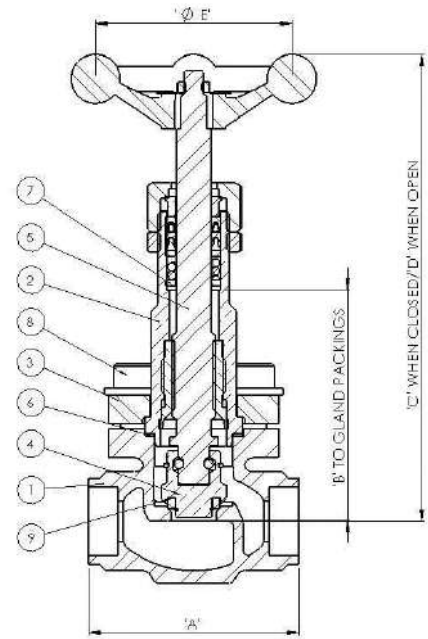


DN15 Globe Valve with Socket Ends

DN15 Globe Valve with Socket Ends Sectioned View

Materials

	Stainless Steel
1. Body	Stainless Steel ASTM A351 CF8M
2. Cover	Stainless Steel BS EN 10088-3 1.4301
3. Bonnet Flange	Stainless Steel ASTM A351 CF8M
4. Disc	HT Brass BS EN 12164 CW721R
5. Stem	Stainless Steel BS EN 10088-3 1.4401
6. Gasket Bonnet	Sigma 511
7. Gland Packing	Virgin PTFE
8. Fasteners	Stainless Steel BS6105 A2/A4 Gr.70
9. Seal	Virgin PTFE/PCTFE



Specifications

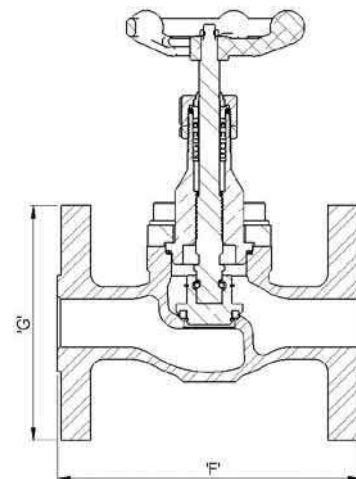
Butt Weld/Socket Weld Ends

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"
A	mm	68	68	68	92	92	121	146
B	mm	80	80	80	90	90	110	140
C: Closed	mm	150	150	150	170	170	190	200
D: Open	mm	160	160	160	180	180	200	237
E	mm	80	80	80	101	101	121	144
Cv	US GPM	3.6	3.6	3.6	13.2	13.2	26.5	43
Weight	kg	1.3	1.3	1.3	2	2	4	7

Flanged Ends (Class 300)

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"
F	mm	130	130	130	160	160	200	230
G	mm	95	95	95	124	124	155	165
Flange Thickness	mm	14	14	14	18	18	21	22
Weight	kg	2.8	2.8	2.8	5.3	5.3	9.6	13.8

Class 150 available on request.



How to Order

The correct part number is easily derived from the following number sequence

CNT	10	B1	C1	C
Series	Valve Size Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Seat
CNT Cryogenic Globe Valve - Stainless Steel	10	DN6	Bolted Bonnet Non-Extended Stem	C Cone
	20	DN10		
	30	DN15		
	40	DN20		
	50	DN25		
	70	DN40		
	80	DN50		
		B1	Butt Weld Schedule 10	
		SNE	Socket Weld	
		FA	Flange Class 150	
		FC	Flange Class 300	

Please contact us for other options.