



Producto distribuido por

SDM
Oil & Gas

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Cryogenic Full Stainless Steel Globe Valve

Bolted Bonnet - Non-Extended Stem

Full Stainless Steel

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 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 hand wheel
- 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.
- ISO 9001 accreditation- design and manufacture to 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 Full Stainless Steel Globe Valve Non-Extended Stem with Socket Ends



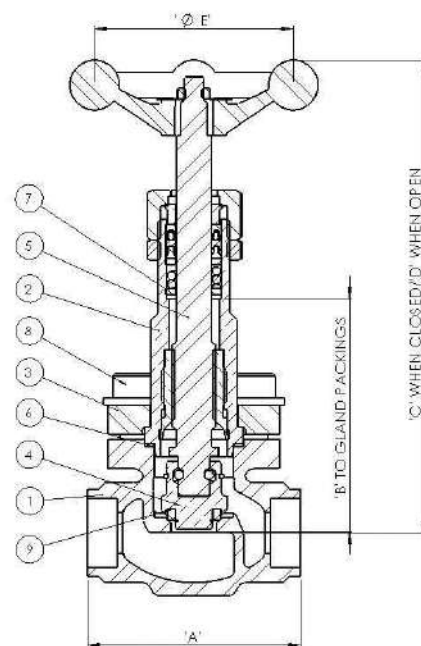
DN25 Full Stainless Steel Globe Valve Non-Extended Stem with Flanged Ends



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

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	Stainless Steel BS EN 10088-3 1.4401
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

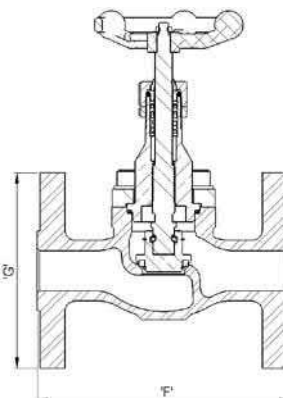
Butt Weld/Socket Weld Ends

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	80	90	110	140
C: Closed	mm	150	150	150	170	170	190	230
D: Open	mm	160	160	160	180	180	200	240
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	1.2	1.2	1.2	2	2	3.7	5.8

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

CNS	10	B1	C1	C
Series	Valve Size - Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Seat
CNS 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.

Cryogenic Full Stainless Steel Globe Valve

Bolted Bonnet - Extended Stem

Full Stainless Steel

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.

This Stainless Steel extended stem globe valves feature bolted bonnet, integral cone seat and renewable seal, complete with Stainless Steel internals. The bolted bonnet allows easy maintenance, even in confined spaces. The valve is of the cone seat design for drop tight shut off.

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 hand wheel
- 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 Socket Ends



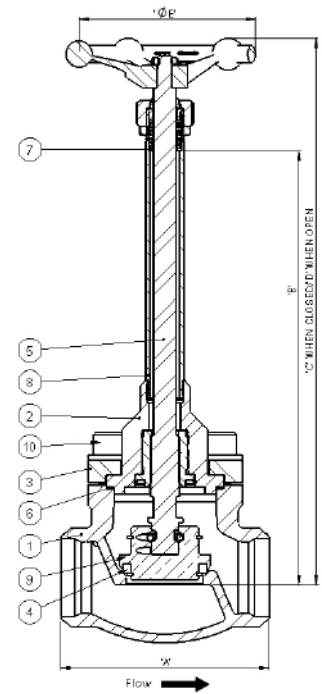
DN50 Stainless Steel Globe Valve Extended Stem with Flanged Ends



DN40 Stainless Steel Globe Valve Extended Stem with Butt Weld Ends

Materials

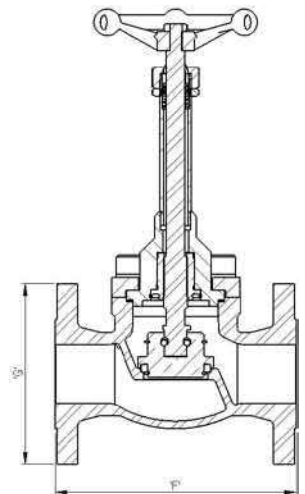
	Stainless Steel
1. Body	Stainless Steel ASTM A351 CF8M
2. Cover	Stainless Steel BS EN 10088-3 1.4301
3. Bonnet Flange	Stainless Steel ASTM A351 CF8M
4. Seal	Virgin PTFE/PCTFE
5. Stem	Stainless Steel BS EN 10088-3 1.4401
6. Gasket Bonnet	Sigma 511
7. Gland Packing	Virgin PTFE
8. Tube	Stainless Steel ASTM A312 TP304L
9. Disc	Stainless Steel BS EN 10088-3 1.4401
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	300	300	300	300	300	300	300
C: Closed	mm	370	370	370	380	380	380	380
D: Open	mm	380	380	380	390	390	390	390
E	mm	80	80	80	80	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

CNS	10	B1	D	3	C
Series	Valve Size - Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Stem Length	Seat
CNS Cryogenic Globe Valve - Stainless Steel	10	DN6	Bolted Bonnet Extended Stem	3	C Cone
	20	DN10		6	
	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.

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