



Producto distribuido por

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Oil & Gas

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Cryogenic Bronze Manual Globe Valve

Bolted Bonnet - Non-Extended Stem

Bronze 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 screwed ends, Socket Ends or stubs and utilizes Parker Bestobell's unique independent bonnet and flange design, eliminating leakage through the flange gasket.

The Bronze non-extended stem globe valve has a bolted bonnet, integral cone seat and renewable 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
- 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.
- 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



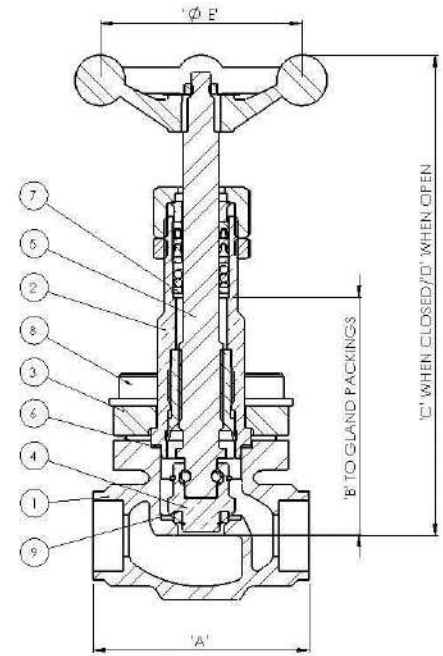
DN40 Bronze Globe Valve
Non-Extended Stem with
Screwed Ends



DN25 Bronze Globe Valve
Non-Extended Stem with
Stainless Steel Stubs

Materials

	Bronze
1. Body	Gun Metal BS EN 1982 CC491K
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 CW 721R
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

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	76	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	80	101	121	144
Cv	US GPM	3.6	3.6	3.6	6.2	13.2	26.5	43
Weight	kg	1	1	1	1.6	2	3.7	6

How to Order

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

CNB	10	TA	C1	C
Series	Valve Size Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Seat
CNB Cryogenic Globe Valve - Bronze	10 DN6	TA BSP-PL	Bolted Bonnet Non-Extended Stem	C Cone
	20 DN10	TC BSP-TR		
	30 DN15	TE NPT		
	40 DN20	SST Stainless Steel Stubs		
	50 DN25			
	70 DN40			
	80 DN50			

Notes: For Schedule 10 Stubs (Stainless Steel option only) insert Q2 at the end of part number. Please contact us for other options.

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Cryogenic Bronze Manual Globe Valve

Bolted Bonnet - Extended Stem
Bronze 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 screwed ends, Socket Ends or stubs and utilizes Parker Bestobell's unique independent bonnet and flange design, eliminating leakage through the flange gasket.

The Bronze extended stem globe valve has a bolted bonnet, integral cone seat and renewable 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
- 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



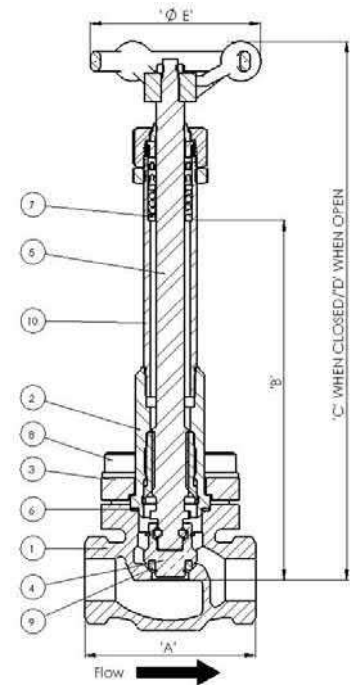
DN40 Bronze Globe Valve
Extended Stem with Screwed Ends



DN15 Bronze Globe Valve
Extended Stem with Stainless
Steel Stubs

Materials

	Bronze
1. Body	Gun Metal BS EN 1982 CC491K
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 CW 721R
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
10. Tube	Stainless Steel ASTM A312 TP304L



Specifications

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	76	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	300/370	310/380	310/380	310/380
D : Open	mm	310/380	310/380	310/380	310/380	320/390	320/390	330/400
E	mm	80	80	80	80	101	121	144
Cv	US GPM	3.6	3.6	3.6	6.2	13.2	26.5	43
Weight	kg	1.5	1.5	1.5	2.5	2.5	4.5	7.6

How to Order

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

CNB	10	TA	D	3	C
Series	Valve Size Diameter Nominal (DN)	Connection Type	Bonnet & Stem Type	Stem Length	Seat
CNB Cryogenic Globe Valve - Bronze	10 DN6	TA BSP-PL TC BSP-TR TE NPT SST Stainless Steel Stubs	Bolted Bonnet	3 230 mm	C Cone
	20 DN10				
	30 DN15		Extended Stem	6 300 mm	
	40 DN20				
	50 DN25				
	70 DN40				
	80 DN50				

Notes: For Schedule 10 Stubs (Stainless Steel option only) insert Q2 at the end of part number. Please contact us for other options.

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