



Producto distribuido por

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Oil & Gas

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Cryogenic Strainer

Stainless Steel

DN6 - DN100 (1/4" - 4")

Parker Bestobell's T-type cryogenic strainers prevent contaminants entering an end product in industrial gas applications. Strainers with Stainless Steel bodies are available with Socket Weld, Butt Weld & Flanged Ends.

These cryogenic strainers are designed with a loose flange bolted bonnet design that allows for thermal expansion and contraction and eliminates leakage, therefore enhancing safety. Effective straining function is assured by the large clearance around the entire strainer circumference.

The 100 mesh monel strainer element is compatible with all common cryogenic liquids or gases and is supported by a perforated copper cylinder for additional strength.

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

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
- Designed and engineered specifically for cryogenic service
- Full bore
- Adequate strainer area to ensure full flow of fluid through the unit



DN40 Stainless Steel Strainer with Butt Weld Ends

Maximum Working Pressure (MWP)

Subject to end connections

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

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.



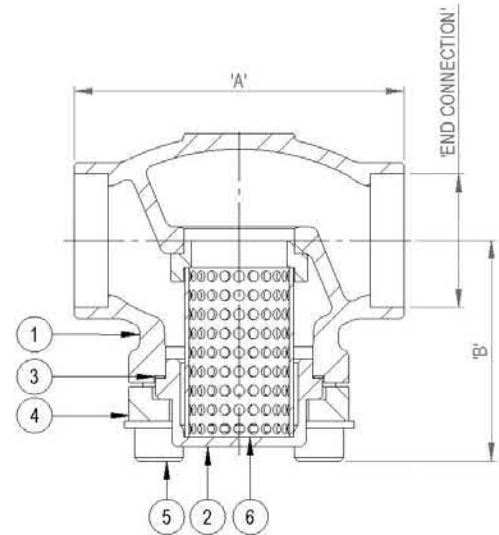
DN40 Stainless Steel Strainer with Flanged Ends



DN100 Stainless Steel Strainer with Butt Weld Ends

Materials

	Stainless Steel
1. Body	Stainless Steel ASTM A351 CF8M
2. Cover	Stainless Steel BS EN 10088-3 1.4401
3. Gasket	Sigma 511
4. Loose Flange	Stainless Steel ASTM A351 CF8M
5. Fasteners	Stainless Steel BS6105 A2 / A4 Gr.70
6. Filter	Copper / Monel Gauze



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"	DN65 2 1/2"	DN80 3"	DN100 4"
A	mm	68	68	68	92	92	121	146	178	178	292
B	mm	55	55	55	66	66	81	108	145	160	229
Cv	US GPM	16	16	16	44	44	80	128	192	260	390
Weight	kg	1	1	1	1.6	2	2.6	5.4	7	10	33

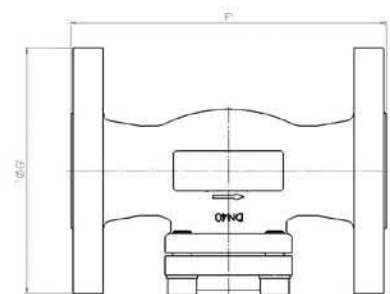
Flanged Ends (Class 300)

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"	DN65 2 1/2"	DN80 3"	DN100 4"
F	mm	130	130	130	160	160	200	230	290	310	350
G	mm	95	95	95	124	124	155	165	191	210	254
Flange Thickness	mm	14	14	14	18	18	21	22	25	28	32
Weight	kg	2.2	2.2	2.2	5	5	8	12.4	17.5	24	51

How to Order

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

CS	10	B1	F	BY
Series	Valve Size Diameter Nominal (DN)	Connection Type	Filter Material	Filter Size
CS Cryogenic Strainer	10 DN6	B1 Butt Weld Schedule 10	F Copper/Monel	BY 100 mesh
	20 DN10	SNE Socket Weld		
	30 DN15	FA Flange Class 150		
	40 DN20	FC Flange Class 300		
	50 DN25			
	70 DN40			
	80 DN50			
	90 DN65			
	A0 DN80			
	B0 DN100			



Please contact us for other options.

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