

BALL VALVES

Beaver Two-Piece Non-Firesafe Flanged Ball Valve

A split body ball valve with a floating ball and non-firesafe design suitable for a wide range of liquids and gas.

B11, B12



B | E | A | V | E | R

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Beaver B11 Ball Valve

Beaver B11–B12 Two-Piece Non-Firesafe Flanged Ball Valve

The Beaver B11–B12 flanged ball valve has a split body design with a full bore that allows unrestricted flow. It has a floating ball compressed between two resilient seats. The fluid keeps the ball suspended and pushes it against the seat to seal.

Available from DN 8 to DN 100, the size range covers most requirements in process applications. This ball valve has a resilient seat for a bubble-tight shut-off with zero leakage. It also features a blow-out proof stem to prevent the stem from being ejected from the body in the unlikely event of valve failure.

KEY FEATURES

- Heavy-duty stainless steel construction ensures durability.
- Shaft packing gland can be adjusted to ensure a watertight seal.
- Built-in anti-static device prevents static that can generate harmful sparks from building up on the valve.
- Blow-out proof stem prevents the stem from being ejected from the body in the unlikely event of valve failure.
- Requires low operating torque for cost-effective actuation.

Need technical advice? Our friendly specialists are here to help.

B11-B12

Two-Piece Non-Firesafe Flanged Ball Valve

Table 1-2. B11-B12 Specifications

Technical Specifications	
Brand	Beaver
Model	B11 (Class 150) B12 (Class 150 with ISO 5211 top mount)
Size range	DN15-200
Pressure class	ASME Class 150
End connections	Flanged ASME B16.25 Class 150 raised face
Temperature range	-20°C to +180°C
Actuator options	Lever Gear operated Pneumatic Hydraulic Electric

Material Specifications	
Body	CF8 CF8M
Ball and stem	SS304 SS316
Seat and packing	PTFE RPTFE
Bolt, handle, and nut	S201 S304

Diagram. B11-B12 Parts

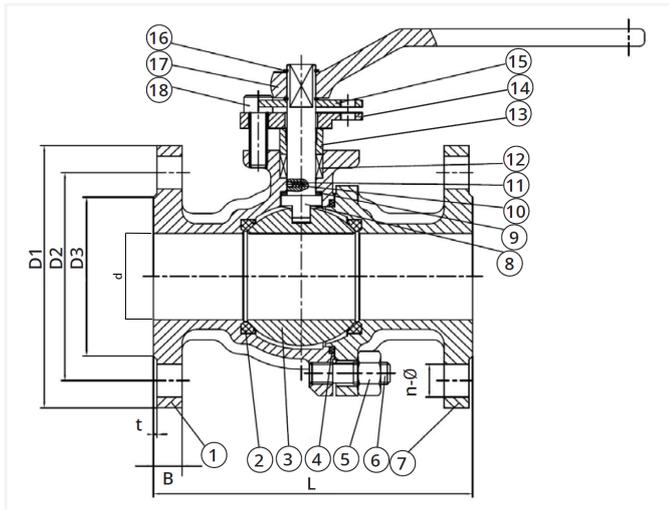


Diagram. B11-B12 Pressure-Temperature Chart

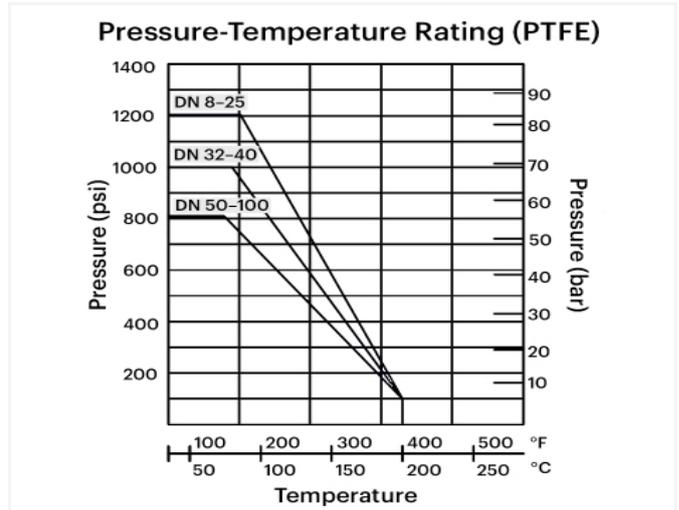


Table 2. B11-B12

Product Dimensions (mm)												
DN	d	D	D1	D2	B	n=Ø	t	L ± 1.5	W	Z-M	C	Weight (kg)
15	15	90	60.5	34.9	11.1	12	1.6	108	131	4-15	9	1.965
20	20	100	70	42.9	11.1	12	1.6	117	131	4-15	9	2.38
25	24	110	79.5	50.8	11.1	12	1.6	127	167	4-15	11	3.055
32	32	115	89	63.5	12.7	13	1.6	140	167	4-15	11	3.72
40	38	125	98.5	73	14.3	15	1.6	165	193	4-15	14	5.225
50	49	150	120.7	92.1	15.9	16	1.6	178	193	4-19	14	7.115
65	64	180	139.7	104.8	17.5	18	1.6	190	242	4-19	17	10.575
80	78	190	152.4	127	19.1	19	1.6	203	272	4-19	17	13.545
100	98	230	190.5	157.2	23.9	24	1.6	229	295	8-19	17	22.6
125	125	255	216	185.7	23.9	24	1.6	356	530	8-22	22	34.64
150	150	280	241.3	215.9	25.4	26	1.6	394	530	8-22	22	45.24
200	197	345	298.5	269.9	28.6	29	1.6	457	625	8-22	27	82.2



We're here to help

We know it's important for you to talk to someone who knows their stuff. So if you have technical questions or need help choosing the right products, talk to our team. We'll walk you through our proven problem solving process.

1. Tell us what you need.

Tell us about your project. What do you want to achieve? What problems do you need to overcome? Let's work back from there.

2. Choose the right solution.

Weigh up the options. We'll do the analysis, discuss the options with you, and make a recommendation—the choice we'd make in your shoes.

3. Get the job done.

Complete your project, with the right products, on time and to spec. We've got your back all the way, with support during installation and commissioning.

Tap into our expertise and talk to our friendly, expert team.

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To request a quote or explore our product range, visit beaverprocess.com.au

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