

**Description**

The BAV04 is a 2 Piece side entry, full bore floating ball valve, with integral cast flanges. Manufactured as standard in NiAlBr giving long service life on seawater applications.

In conformance with the Pressure Equipment Directive 97/23/EC.

Standard Range,  
Sizes: 1/2" to 10"  
Connections: ANSI 150 & 300.



**Materials**

**Regularly manufactured in a full range of materials including:**

- Nickel Aluminium Bronze – ASTM B148
- Nickel Aluminium Bronze - DS02 747 Part 3
- Gunmetal – DS02 830 Part 1
- Bronze – ASTM B61/B62
- Brass – HTB1
- Titanium – ASTM B367
- Hastelloy®
- Monel®

**Other materials available on request**

**Features**

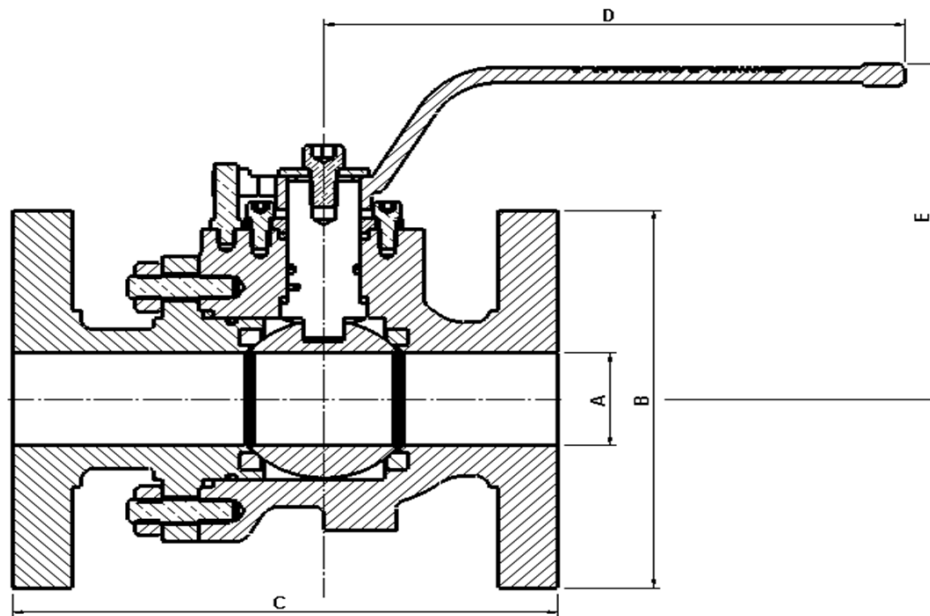
- Anti-static / Anti blowout stem
- Cavity pressure relieving seats
- Pressure equalising ball design
- Firesafe by design
- ISO 5211 mounting platform
- Bolted Bonnet (3" and above)
- Bi-directional Flow
- Solid Ball

**Options**

- Bare shaft (for actuation by others)
- Actuation to customer specifications
- Locking facility (open & closed)
- Extended stems (insulation allowance)

**Specifications**

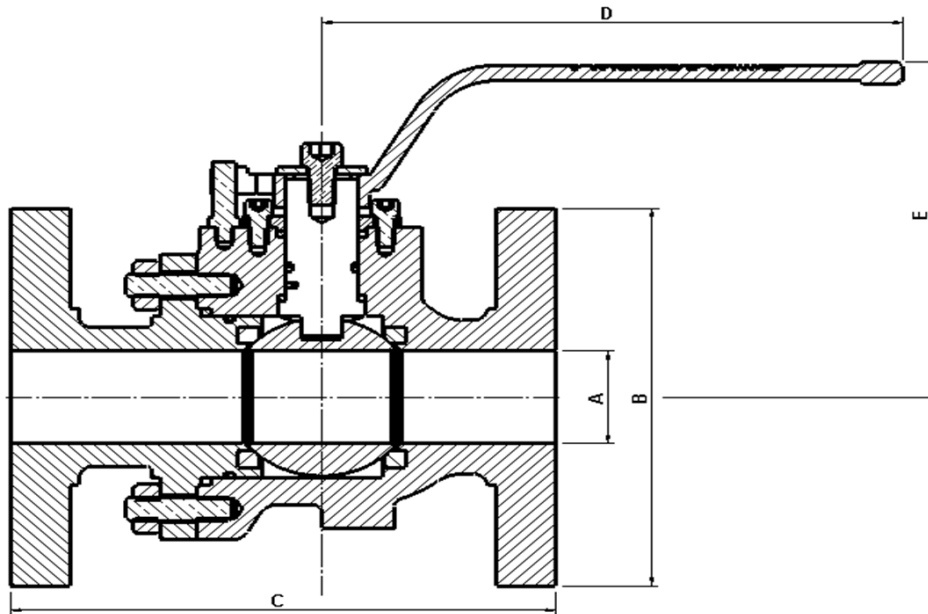
- ANSI B16.5 Flange Dimensions
- ANSI B16.10 Face to Face Length
- ANSI B16.34 Wall Thickness
- PED Conformity
- Designed generally in accordance with: API 6D & ISO 17292 (formerly BS5351)



**Dimensions**

**ANSI 150**

VALVE SIZE		mm					WEIGHT kg
INCH	mm	A NB Ball	B	C	D	E	
1/2"	15	13	89	110	203	107	2
3/4"	20	19	98	119	203	110	3
1"	25	25	108	128	203	116	4
1 1/2"	40	38	127	165	203	138	9
2"	50	51	152	178	305	149	11
2 1/2"	65	64	178	190	305	156	20
3"	80	76	190	203	305	166	25
4"	100	102	229	229	305	182	33
5"	130	127	254	356	G/BOX	G/BOX	96
6"	150	152	279	394	G/BOX	G/BOX	106
8"	200	203	343	457	G/BOX	G/BOX	210
10"	250	254	406	521	G/BOX	G/BOX	329



**Dimensions**

**ANSI 300**

VALVE SIZE		mm					WEIGHT
INCH	mm	A NB Ball	B	C	D	E	kg
3/4"	20	19	117	152	200	110	5
1"	25	25	124	165	200	116	7
1 1/2"	40	38	156	190	200	138	12
2"	50	51	165	216	305	149	16
2 1/2"	65	64	190	241	305	199	33
3"	80	76	210	283	305	203	40
4"	100	102	254	305	G/BOX	G/BOX	69
6"	150	152	318	403	G/BOX	G/BOX	139
8"	200	203	381	502	G/BOX	G/BOX	239