

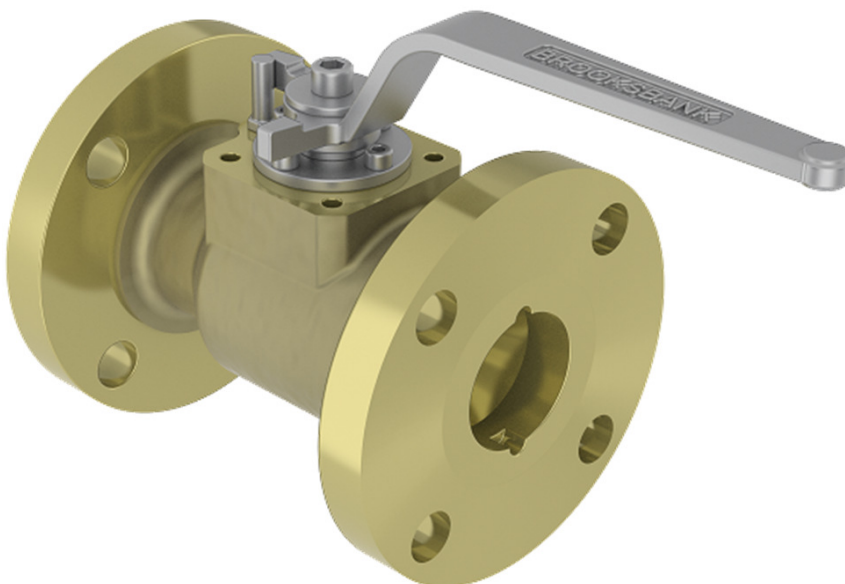
Series: BAV01 1 Piece Floating Ball Valve

Description

The BAV01 is a 1 Piece end entry, reduced 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 2014/68/EU.

Standard Range,
Sizes: 3/4" to 12"
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

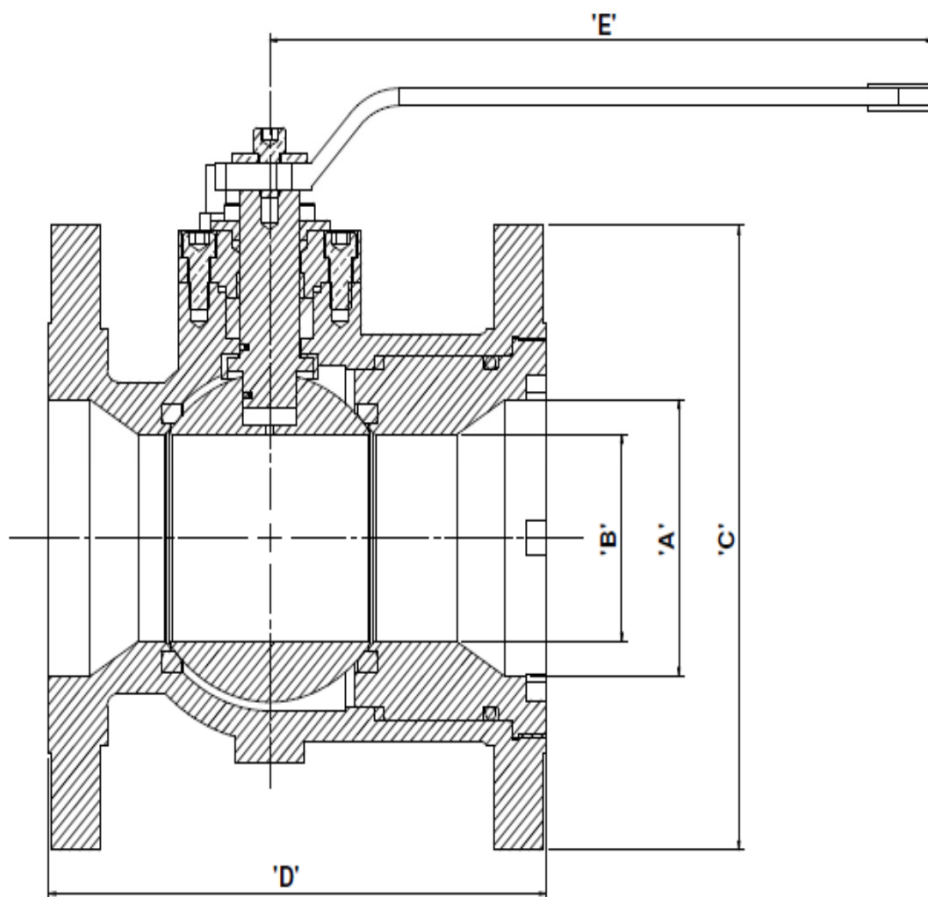
Anti-static / Anti blowout stem
Cavity pressure relieving seats
Pressure equalising ball design
Firesafe by design
ISO 5211 mounting platform
Chevron packing on sizes ≥3"
Bolted Bonnet (3" and above)
Bi-directional Flow
Solid Ball

Options

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

Specifications

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



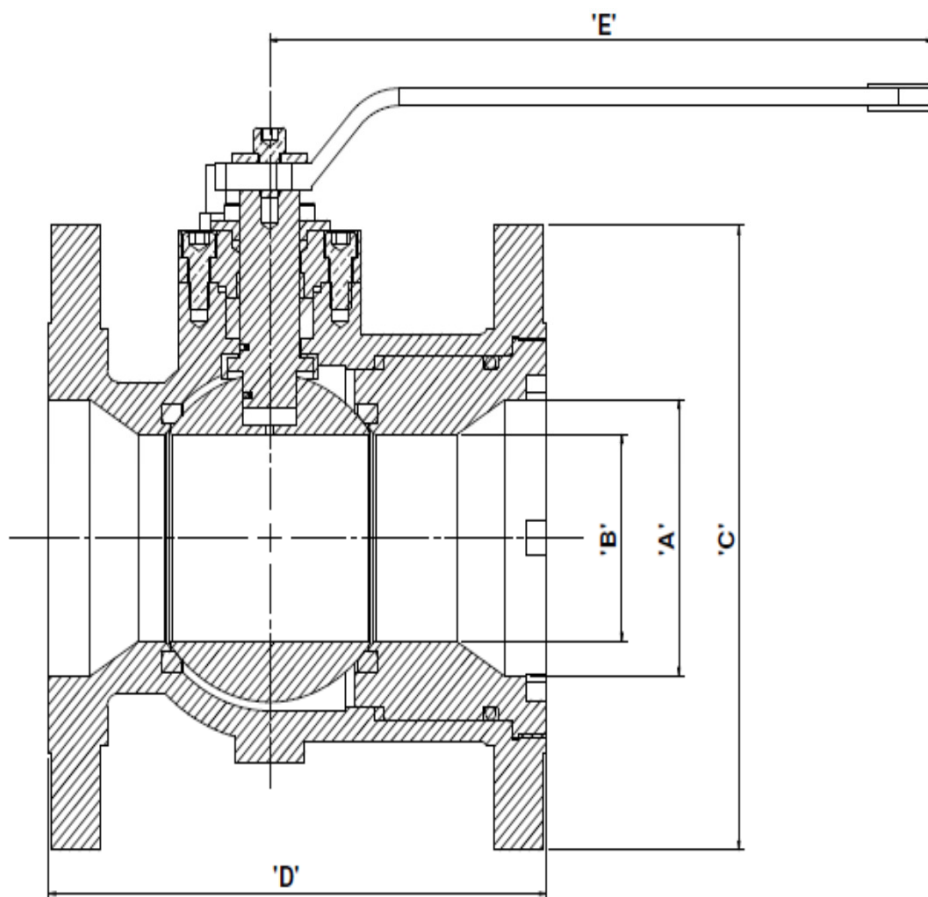
Dimensions

ANSI 150

VALVE SIZE		mm					WEIGHT kg
INCH	mm	A NB Pipe	B NB Ball	C	D	E	
3/4"	20	20	13	98	117	203	3
1"	25	25	19	108	127	203	4
1 1/4"	32	32	25	118	140	203	5
1 1/2"	40	38	25	127	165	203	5
2"	50	50	38	152	178	203	10
2 1/2"	65	65	51	178	190	305	17
3"	80	76	51	190	203	305	18
4"	100	101	76	229	229	305	27
5"	125	127	102	254	254	610	47
6"	150	152	102	279	267	610	61
8"	200	203	146	343	292	G/BOX	109
10"	250	250	190	406	330	G/BOX	161
12"	300	300	230	483	356	G/BOX	242

Dimensions

ANSI 300



VALVE SIZE		mm					WEIGHT kg
INCH	mm	A NB Pipe	B NB Ball	C	D	E	
3/4"	20	20	13	118	152	200	4
1"	25	25	19	124	165	200	5
1 1/2"	40	38	25	156	165	200	8
2"	50	50	38	165	216	200	12
2 1/2"	65	65	51	190	241	305	19
3"	80	76	51	210	282	300	25
4"	100	101	76	254	305	300	46
5"	125	127	102	280	305	G/BOX	70
6"	150	152	102	318	404	G/BOX	82
8"	200	203	146	380	420	G/BOX	186
10"	250	250	190	444	458	G/BOX	256
12"	300	300	230	520	648	G/BOX	312