

FLOATING BALL VALVE

Integral ISO5211 actuator mounting pad, provides easy match-up to the actuator with standardized connections.

Locking devices for prevention of accidental valve operation.

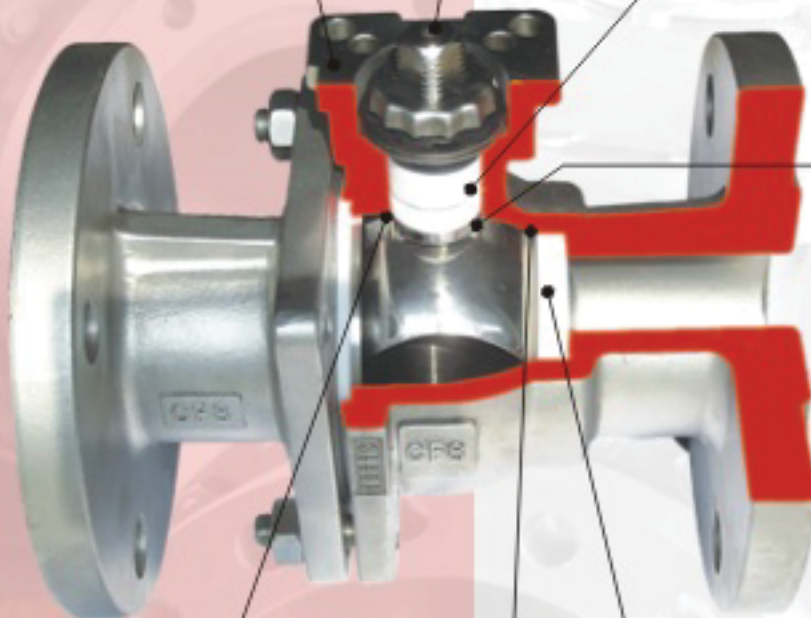
Multiple stem seal and PTFE chevron packing rings for fugitive emission control.

The lower end of stem is designed with an integral collar to be blowout proof, assuring stem sealing at all pressures. Double flat shape of stem head indicates ball position.

Antistatic devices to ensure electrical continuity between the ball, stem and body, to eliminate electrostatic charging during service.

Bubble-tight sealing is achieved by the use of two rigid seats firmly secured in the valve body on either side of the ball. Media flow is cut off on the downstream side by upstream pressure pushing against the ball.

Fire safe. A secondary metal to metal sealing shuts off the valve flow in the event of soft seat rings are destroyed by fire. Fire tested to API 607 latest edition.



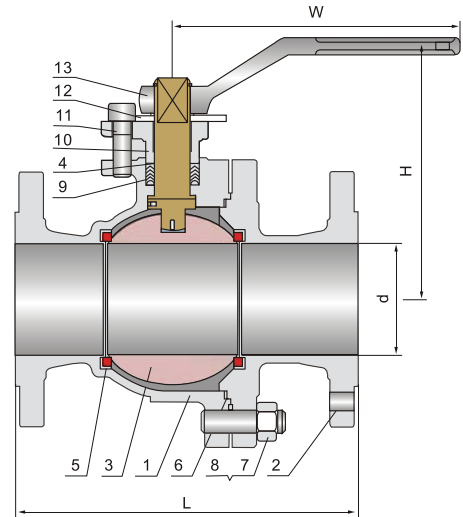
CAST STEEL SPLIT BODY FLOATING BALL VALVE 150Lb

Features:

- Floating Ball Type
- Split Body, End Entry
- 2-Piece or 3-piece Body
- Full Port for Piggging Operation
- Gear or Actuator Available

Applicable Standards:

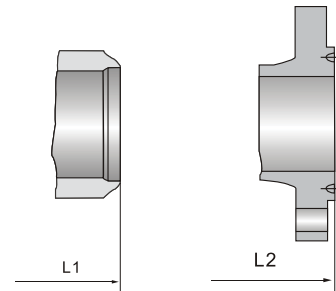
- Design: API 6D / API 608 / BS 5351
- Wall Thickness: API 600 / BS 5351
- Fire Safe: API 607 / API 6FA
- Antistatic: API 608
- Face-to-face: ASME B16.10 / API 6D
- Flange Ends: ASME B16.5 / B16.47
- Butt-welding End: ASME B16.25
- Testing: API 598 / API 6D



Materials of parts

No	Part Name	ASTM Material		
		Carbon Steel	Stainless Steel	Low Temp. Steel
1	Body	A216-WCB	A351-CF8M	A352-LCB
2	Bonnet	A216-WCB	A351-CF8M	A352-LCB
3	Ball	A182-F304 ¹⁾	A182-F316	A182-F304 ¹⁾
4	Stem	A276-420	A276-316	A276-420
5	Seat Ring	PTFE, RPTFE, PPL, NYLON, PEEK, etc.		
6	Bonnet Gasket	Graphite+304 ²⁾	PTFE	Graphite+304 ²⁾
7	Bonnet Bolt	A193-B7	A193-B8M	A320-L7
8	Bonnet Bolt Nut	A194-2H	A194-8M	A194-4
9	Packing	PTFE		
10	Gland Flange	A216-WCB	A351-CF8M	A352-LCB
11	Gland Bolt	A193-B7	A193-B8	A193-B7
12	Stop Plate	Carbon Steel	Carbon Steel+Zn	Carbon Steel
13	Wrench	Carbon Steel		

Note: 1). A105+ENP optional
2). Spiral wound construction.



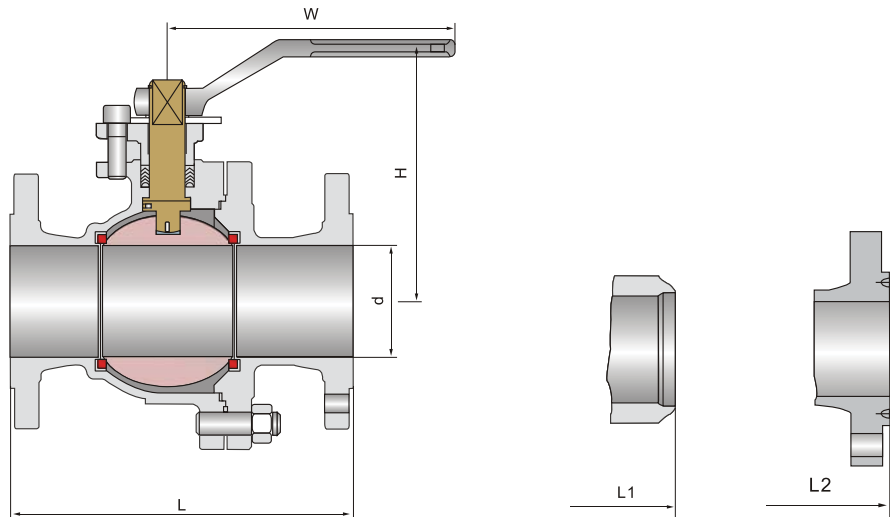
Dimensions data

NPS DN	1/2 15	3/4 20	1 25	1 1/2 40	2 50	2 1/2 40	3 80	4 100	6 150	8 200	10 250	12 300	in mm
ANSI Class 150Lb													
L (RF)	4.25 108	4.62 117	5.00 127	6.50 165	7.00 178	7.50 190	8.00 203	9.00 229	15.50 394	18.00 457	21.00 533	24.00 610	in mm
L1 (BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.75 70	3.50 90	4.12 105	6.12 155	7.25 185	8.00 205	10.00 255	11.00 280	13.50 345	16.50 420	in mm
(d)	13	19	25	38	49	62	74	100	150	201	252	303	mm
W	5 130	5 130	6 160	8 200	14 350	16 400	20 500	20 500	24 600	32 800	32 800	32 800	in mm
WT (kg)	2.3 1.8	3 2.8	4.5 3.7	7 6.2	9.5 8.5	15 14	19 21	33 35	93 98	160 170	200 225	280 295	RF BW

CAST STEEL SPLIT BODY FLOATING BALL VALVE

300Lb~600Lb

KOLINK
VALVE & PIPE FITTING



Dimensions data

NPS DN	1/2 15	3/4 20	1 25	1 1/2 40	2 50	2 1/2 40	3 80	4 100	6 150	8 200	10 250	12 300	in mm
ANSI Class 300Lb													
L (RF)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	15.88 403	19.75 502	22.38 568	25.50 648	in mm
L1 (BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.75 70	3.50 90	4.12 105	6.12 153	7.25 187	8.00 206	10.00 255	11.00 280	13.50 345	16.50 420	in mm
(d)	13	19	25	38	49	62	74	100	150	201	252	303	mm
W	5 130	5 130	6 160	8 200	14 350	16 400	20 500	20 500	24 600	32 800	32 800	32 800	in mm
WT (kg)	2.5 1.8	3.5 2	5.5 3.2	10.5 5.5	14.5 8.7	23.5 15	30 18	55 36	118 85	200 152	250 182	330 232	RF BW

NPS DN	1/2 15	3/4 20	1 25	1 1/2 40	2 50	2 1/2 40	3 80	4 100	6 150	in mm
ANSI Class 600Lb										
L/L1 (RF/BW)	6.50 165	7.50 190	8.50 216	9.50 241	11.50 292	13.00 330	14.00 356	17.00 432	22.00 559	in mm
L2 (RTJ)	-	-	-	-	11.62 295	13.12 333	14.12 359	17.12 435	22.12 562	in mm
H	2.38 61.5	2.38 61.5	3.00 78	4.00 101	4.75 120	6.88 174	8.38 212	9.25 234	11.38 289	in mm
(d)	13	19	25	38	49	62	74	100	150	mm
W	5 130	6 160	8 200	14 350	16 400	20 500	24 600	24 600	32 800	in mm
WT (kg)	3.3 2.6	4.5 3.1	7.2 4.8	13.5 8	19 13	31 22	39 27	71 53	153 120	RF BW