

CARBON STEEL OR STAINLESS STEEL 2-PC BALL VALVE BOLTED CAP DESIGN

DESIGN DESCRIPTION:

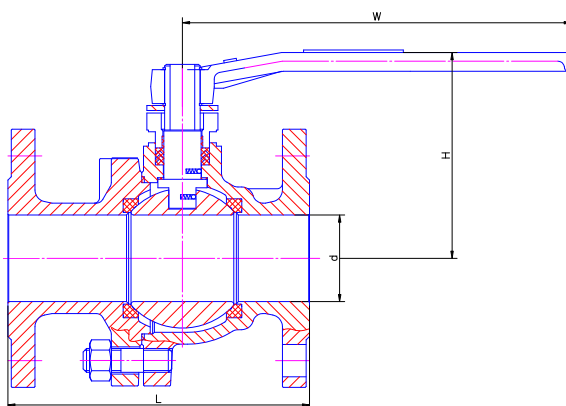
- Design: API6D Or API608;
- Manufacture: Factory STD;
- Face To Face: ANSI B16.10
- Flange: ANSI B16.5;
- Test: API598;
- 2-PC Body;
- Floating Ball, Bolted Cover;
- Full Bore, Soft seal;
- Anti-Static Feature;
- Material and Working Temp.:
 - ◆ PTFE&R-PTFE: 0 °C-200 °C(32 °F-392 °F)
 - ◆ PPL: 300 °C(572°F) Maximum
 - ◆ PEEK: 260 °C(500°F) Maximum



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BODY	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
GASKET	PTFE/PPL/PEEK/GRAPHITE
Cap	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
SEAT	PTFE/R-PTFE/PPL/PEEK
BALL	WCB+ENP/F304/F316
STEM	F6a/F304/F316
STEM PACKING	PTFE/PPL/PEEK/GRAPHITE
GLAND	SS410/SS304/SS316
GLAND FLANGE	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
LEVER	Ductile Iron/Carbon Steel

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	NPS	L		d	W		H	
		RF	RTJ		Lever	Gear	Lever	Gear
		CLASS 150						
15	1/2"	108	119	14	140	-	85	-
20	3/4"	117	130	19	140	-	90	-
25	1"	127	140	25	150	-	99	-
32	1-1/4"	140	153	32	180	-	105	-
40	1-1/2"	165	178	38	200	-	126	-
50	2"	178	191	51	250	-	140	-
65	2-1/2"	190	203	64	300	-	165	-
80	3"	203	216	76	350	-	178	-
100	4"	229	242	102	500	305	230	380
125	5"	356	369	127	800	305	280	405
150	6"	394	407	152	800	305	310	460
200	8"	457	470	203	1000	305	350	550
250	10"	533	546	254	-	400	-	706
DN	NPS	CLASS 300						
15	1/2"	140	151	14	140	-	85	-
20	3/4"	152	165	19	140	-	90	-
25	1"	165	178	25	150	-	99	-
32	1-1/4"	178	191	32	180	-	105	-
40	1-1/2"	190	203	38	200	-	126	-
50	2"	216	232	51	250	-	142	-
65	2-1/2"	241	257	64	300	-	165	-
80	3"	283	299	76	350	-	178	330
100	4"	305	321	102	500	305	230	380
125	5"	381	397	127	800	305	280	420
150	6"	403	419	152	800	305	310	480
200	8"	502	518	203	1000	305	350	560

DN	NPS	L		d	W		H	
		RF	RTJ		Lever	Gear	Lever	Gear
		CLASS 600						
15	1/2"	165	164	14	140	-	79	-
20	3/4"	190	190	19	140	-	83	-
25	1"	216	216	25	200	-	114	-
32	1-1/4"	229	229	32	200	-	120	-
40	1-1/2"	241	241	38	250	-	125	-
50	2"	292	295	51	300	-	156	-
65	2-1/2"	330	333	64	350	-	172	-
80	3"	356	359	76	500	305	220	370
100	4"	432	435	102	650	305	250	400
DN	NPS	CLASS 900						
15	1/2"	216	216	14	150	-	98	-
20	3/4"	229	229	20	150	-	105	-
25	1"	254	254	25	200	-	110	-
32	1-1/4"	279	279	32	250	-	120	-
40	1-1/2"	305	305	38	250	-	125	-
50	2"	368	371	50	350	-	160	-
DN	NPS	CLASS 1500						
15	1/2"	216	216	14	182	-	98	-
20	3/4"	229	229	20	200	-	105	-
25	1"	254	254	25	250	-	110	-
32	1-1/4"	279	279	32	300	-	120	-
40	1-1/2"	305	305	38	350	-	130	-
50	2"	368	371	50	500	-	160	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Remark: Our design can be suitable for all standard (BS, DIN, ANSI, JIS standard etc.)

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.