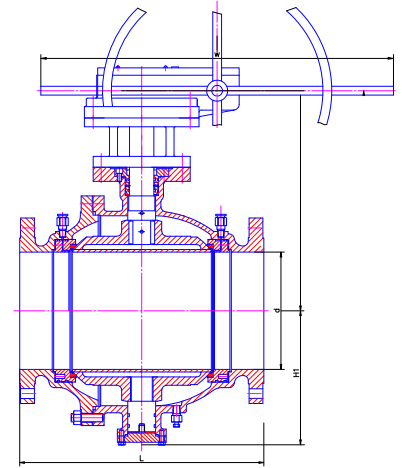


**CARBON STEEL OR STAINLESS STEEL  
2-PC BALL VALVE BOLTED CAP TUNNIION BALL DESIGN**

**DESIGN DESCRIPTION:**

- Design: API 6D Or API608 Or API607;
- Face To Face: ANSI B16.10
- Flange: ANSI B16.5;
- Test: API598;
- 2-PC Body;
- Full Bore;
- Bolted Cover;Soft seal;
- Fire Safe Design;
- Anti-Static Feature;
- Anti-Blow-Out Stem;
- Double-Block and Bleed Functions;
- Material and Working Temp.:
  - ◆ PTFE&R-PTFE: 0℃-200℃(32℉-392℉)
  - ◆ PEEK&NYLON: 260℃(500℉) Maximum



**PARTS AND MATERIAL:**

PARTS NAME	MATERIALS				
	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
BODY	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
BODY STUD	ASTM A193 B7	ASTM A193 B8M			
BODY NUT	ASTM A194 2H	ASTM A194 8M			
GASKET	PTFE				
CAP	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
UP-STEM	ASTM A182-F6a	F304	F316	F304L	F316L
BALL	ASTM A105+ENP	F304	F316	F304L	F316L
BUTTOM STEM	F6a	F304	F316	F304L	F316L
SEAT	RPTFE/NYLON/PEEK				
METAL SEAT	A105+ENP	F304	F316	F304L	F316L
BOTTEM-STEM	ASTM A182-F6a	F304	F316	F304L	F316L
O-RING	EPDM OR NBR OR VITON				
STEM GASKET	GRAPHITE OR R-PTFE				
STEM METAL PACKING	ASTM A182 F6	F304	F316	F304L	F316L
GLAND	ASTM A182 F6	F304	F316	F304L	F316L
STEM PACKING	GRAPHITE				
YOKE	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
GEAR	DUCTILE IRON				
ANTI-STATIC BALL	F304	F304	F316	F316	F316
SPRING	F304	F304	F316	F316	F316
SEALANT INJECTION	CARBON STEEL				

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

DN	NPS	L			d	H	H1	W
		RF		BW				
CLASS 150								
100	4"	229		305	102	330	135	300
125	5"	356		381	127	360	165	300
150	6"	394		457	152	392	193	300
200	8"	457		521	203	492	240	300*
250	10"	533		559	254	548	293	300*
300	12"	610		635	305	688	340	400*
350	14"	686		762	337	722	372	400*
400	16"	762		838	387	722	415	400*
450	18"	864		914	438	804	462	500*
500	20"	914		991	489	952	511	600*
600	24"	1067		1143	591	1154	601	750*
700	28"	1245		1346	684	1550	780	750*
800	32"	1372		1524	779	1740	870	750*

DN	NPS	L			d	H	H1	W
		RF	/	BW				
<b>CLASS 300</b>								
100	4"	305	/	305	102	340	140	300
125	5"	381	/	381	127	370	170	300
150	6"	403	/	457	152	402	192	300*
200	8"	502	/	521	203	498	246	300*
250	10"	568	/	559	254	655	303	400*
300	12"	648	/	635	305	658	348	400*
350	14"	762	/	762	337	686	378	400*
400	16"	838	/	838	387	880	429	600*
450	18"	914	/	914	438	1050	518	750*
500	20"	991	/	991	489	1110	540	750*
600	24"	1143	/	1143	591	1400	650	750*
700	28"	1346	/	1346	684	1600	800	750*
800	32"	1524	/	1524	779	1800	900	750*
DN	NPS	<b>CLASS 600</b>						
100	4"	432	435	432	102	358	152	300
125	5"	508	511	508	127	400	180	300
150	6"	559	562	559	152	445	209	400*
200	8"	660	664	660	203	598	263	400*
250	10"	787	791	787	254	653	312	400*
300	12"	838	841	838	305	665	354	500*
350	14"	889	892	889	334	738	389	600*
400	16"	991	994	991	385	920	440	750*
450	18"	1092	1095	1092	436	1100	530	750*
500	20"	1194	1200	1194	487	1200	560	750*
600	24"	1397	1407	1397	538	1480	670	750*
DN	NPS	<b>CLASS 900</b>						
100	4"	457	460	457	102	415	162	300
125	5"	559	562	559	127	5"	188	300
150	6"	610	613	610	152	477	213	400*
200	8"	737	740	737	203	520	270	400*
250	10"	838	841	838	254	628	322	400*
300	12"	965	968	965	305	680	360	500*
350	14"	1029	1038	1029	322	750	400	600*
400	16"	1130	1140	1130	373	940	460	750*
DN	NPS	<b>CLASS 1500</b>						
100	4"	546	549	546	102	415	171	300*
125	5"	673	676	673	125	480	200	400*
150	6"	705	711	705	144	580	222	400*
200	8"	832	841	832	192	584	280	400*
250	10"	991	1000	991	239	650	340	500*
300	12"	1130	1146	1130	287	700	370	600*

Remark: 1\ Our design can be suitable for all standard (BS, DIN, ANSI, JIS standard etc.);

2\ \* Sign is for gear operator.

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