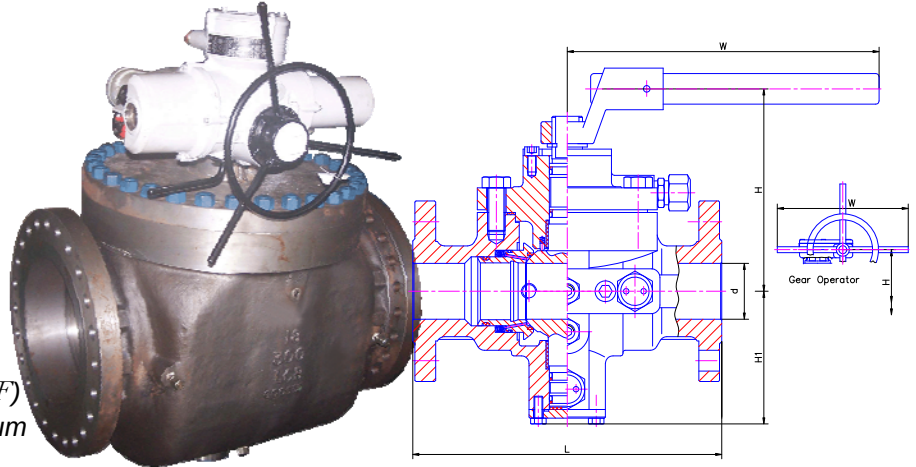


CARBON STEEL OR STAINLESS STEEL TOP ENTRY BALL VALVE BOLTED CAP DESIGN

DESIGN DESCRIPTION:

- Design: BS 5351;
- Manufacture: BS5351 Or Nece MR0175;
- Face To Face: ANSI B16.10
- Flange: ANSI B16.5;
- Test: API598 Or BS6755;
- Top Entry Ball, Bolted Cover;
- Full Bore, Soft seal;
- Anti-Static Feature;
- Double-Block and Bleed Functions;
- Material and Working Temp.:
 - ◆ PTFE&R-PTFE: 0 °C-200 °C(32 °F-392 °F)
 - ◆ PEEK&NYLON: 260 °C(500°F) Maximum



PARTS AND MATERIAL:

PARTS NAME	MATERIALS				
BODY	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
BALL	ASTM A105+ENP	F304	F316	F304L	F316L
METAL SEAT	ASMT A105+ENP	F304	F316	F304L	F316L
SEAT	RPTFE/NYLON/PEEK				
O-RING	EPDM/NBR/VITON				
SPRING	17-7PH	SS304	SS316	SS304L	SS316L
GASKET	RPTFE/GRAPHITE				
BOLT PIN	ASTM A276-304		ASTM A276-316	ASTM A276-316	
STEM BEARING	Cu-Pb Alloy				
SMALL PIN	SS304		SS316	SS304L	SS316L
SMALL SPRING	SS304		SS316	SS304L	SS316L
BONNET	ASTM A216-WCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
GASKET	RPTFE/GRAPHITE				
GASKET	RPTFE/GRAPHITE				
CAP STUD	ASTM A193 B7	ASTM A193 B8M			
STOP NUT	CARBON STEEL				
HANDLE	CARBON STEEL				
INJECTION FITTING	CARBON STEEL				
INJECTION FITTING	CARBON STEEL				
BLOCK & BLEED	CARBON STEEL				
GEAR	DUCTILE IRON				

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSIONS LIST(UNIT:MM):

DN	NPS	L	d	H	H1	W
CLASS 150						
40	1-1/2"	165	38	154	73	230
50	2"	178	51	193	127	230
80	3"	203	76	218	148	400
100	4"	229	102	270	172	700
150	6"	394	152	316	223	1000
200	8"	457	203	380	256	1500
250	10"	533	254	438	302	800*
300	12"	610	305	508	368	800*
CLASS 300						
40	1-1/2"	190	38	154	73	230
50	2"	216	51	193	127	230
80	3"	283	76	218	148	400
100	4"	305	102	270	172	700
150	6"	403	152	316	223	1000
200	8"	502	203	380	256	1500
250	10"	568	254	438	302	800*
300	12"	648	305	508	368	800*

DN	NPS	L	d	H	H1	W
CLASS 600						
40	1-1/2"	241	38	154	73	230
50	2"	292	51	193	127	550
80	3"	356	76	218	148	700
100	4"	432	102	270	172	1200
150	6"	559	152	316	223	1500
200	8"	660	203	380	256	600*
250	10"	787	254	438	302	800*
300	12"	838	305	508	368	800*
DN	NPS	CLASS 900				
50	2	368	51	193	127	550
80	3	381	76	218	148	700
100	4	457	102	270	172	1200
150	6	610	152	316	223	1500
200	8	737	203	380	256	600*
250	10	838	254	438	302	800*
300	12	965	305	508	368	800*
DN	NPS	CLASS 1500				
50	2	368	51	250	127	550
80	3	470	76	285	148	600*
100	4	546	102	346	172	600*
150	6	705	144	563	248	800*
200	8	832	192	612	265	800*
250	10	991	239	625	435	800*
300	12	1130	287	697	456	800*

Remark: * 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.