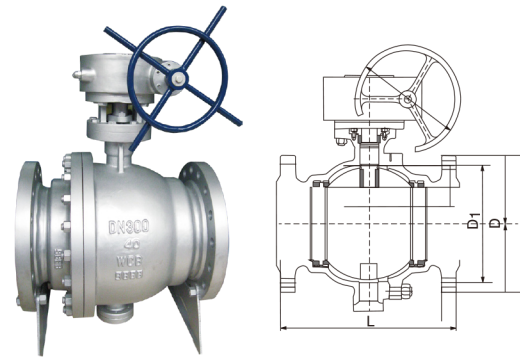


Main parts and materials / Standards

Body/Bonnet/Disc	A216 WCB / A217 WC6 / A217 WC9 /
	A352 LCB / A352 LCC / A352 LC1
	A351 CF3 / A351 CF3M / A351 CF8 / A351CF8M
Stem	A182 F6 / A182 F 304 / A182 F316 / A182 F304L / A182 F316L
Ball	A182 F6 / A182 F 304 / A182 F316 / A182 F304L / A182 F316L
Design and Manufacture	BS5351, ANSI B16.34
Face to Face	ANSI B16.10
Flange End	ANSI B16.5
Inspection	API 598
Pressure-Temp Rating	ANSI B16.34

Q41/341/641F/ H/Y-150LB	Inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
	DN	15	20	25	32	40	50	65	80	100	125	150	200	250
	L	108	117	127	140	165	178	190	203	229	356	394	457	533
	D	89	98	108	117	127	152	177.8	190.5	229	254	279	343	406
	D ₁	60.5	70	79.5	89	98.5	120.7	139.7	152.4	190.5	216	241.3	298.5	362
Q41/341/641F/ H/Y-300LB	Inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
	DN	15	20	25	32	40	50	65	80	100	125	150	200	250
	L	140	152	165	178	190	216	241	283	305	381	403	502	568
	D	95	117	124	133	156	165	190.5	210	254	279	318	381	445
	D ₁	66.5	82.5	89	98.5	114.3	127	149.4	168.5	200.2	235	270	330	387.5
Q41/341/641F/ H/Y-600LB	Inch	1/2	3/4	1	1 1/2	2	3	4	6	8	10			
	DN	15	20	25	40	50	80	100	150	200	250			
	L	165	190	216	241	292	356	432	559	660	787			
	D	95	118	124	156	165	210	273	356	419	508			
	D ₁	66.5	82.5	89	114.3	127	168.2	216	292	349	432			

API Cast Steel Trunnion Type Ball Valve



Main parts and materials / Standards

Body/Bonnet	A216 WCB / A217 WC6 / A217 WC9 /
	A352 LCB / A352 LCC / A352 LC1
	A351 CF3 / A351 CF3M / A351 CF8 / A351CF8M
Stem	A182 F6a / A182 F304, 316 / A182 F6a / A182 F304 / A182 F304
Sealing ring	PTFE / RPTFE / NYLON / MOLON / DELRIN or PEEK
Seat	A105+HCr/ENP / A182, F304, 316 / A293 F6a / A105+HCr/ENP / A182 F316
Back Seat	A105+HCr/ENP / A182, F304, 316 / A293 F6a / A105+HCr/ENP / A182 F316
Ball	A105+HCr/ENP / A315, CF8, CF8M, CF3, CF3M / A352LCB, LCC+ENP / A105+HCr/ENP / A351CF8M+ENP
Design and Manufacture	API6D, BS5351
Face to Face	ANSI B16.10
Flange End	ANSI B16.5
Inspection	API 598

Class150	DN	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	
	NPS	4	5	6	8	10	12	14	16	18	20	24	26	28	30	32	36	
	L	RF	229	356	394	457	533	610	686	762	864	914	1067	1143	1245	1295	1372	1524
		RW	305	381	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727
	D	229	254	279	343	406	483	533	597	635	699	813	786	837	887	941	1057	
D ₁	190.5	216	241.5	298.5	362	432	476	540	578	635	749.5	744.5	795.5	846	900	1009.5		
Class300	DN	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	
	NPS	4	5	6	8	10	12	14	16	18	20	24	25	28	30	32	36	
	L	RF	305	381	403	502	568	648	762	838	914	991	1143	1245	1346	1397	1524	1727
		RW	305	381	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727
	D	254	279	318	381	445	521	584	648	711	775	914	867	921	991	1054	1172	
D ₁	200	235	270	330	387.5	451	514.5	571.5	628.5	686	813	803.5	857	921	978	1089		
Class600	DN	50	65	80	100	125	150	200	350	300	350	400	450	500	600			
	NPS	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24			
	L	RF	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397		
		RTJ RW	295	333	359	435	511	562	664	791	841	892	994	1095	1200	1407		
	D	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397			
D ₁	165	190	210	273	330	356	419	508	559	603	686	743	813	940				
Class900	DN	127	149	168	216	266.5	292	349	432	489	527	603	654	724	838			
	NPS	50	65	80	100	125	150	200	250	300	350	400						
	L	RTJ	368	419	381	457	559	610	737	838	965	1029	1130					
		RF RW	371	422	384	460	562	613	740	841	968	1038	1140					
	D	368	419	381	457	559	610	737	838	965	1028	1130						
D ₁	216	244	241	292	349	381	470	545	610	640	705							
D ₁	165.1	190.5	190.5	234.9	279.4	317.5	393.7	469.9	533.4	558.8	615.9							