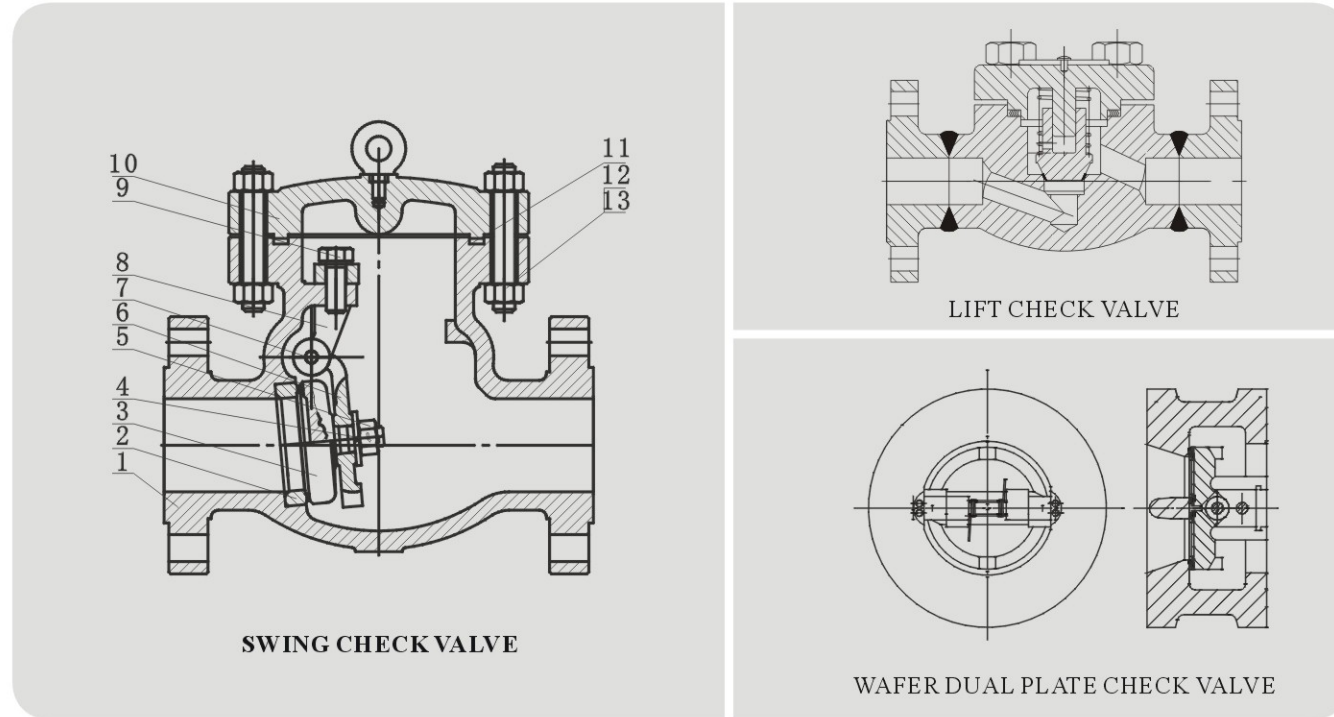


CHECK VALVE



STANDARDS

DESIGN AND MANUFACTURE:
BS 1868, ASME B16.34, API6D, API594, BS5352
VALVE INSPECTION AND TEST: API 598

FACE TO FACE DIMENSION: ASME B16.10
FLANGE CONNECTION DIMENSION: ASME B16.5
BW CONNECTION DIMENSION: ASME B16.25
PRESSURE-TEMPERATURE RATINGS: ASME B16.34

No	Part Name	STANDARD	LOW TEMPERATURE	STAINLESS STEEL
1	BODY	A216 WCB	A352 LCC	A351 CF8M
2	SEAT	A105	A350 LF2	A128 F316
3	DISC	A216 WCB	A352 LCC	A351 CF8M
4	PIN	A182 F6	A182 F6	A182 F316
5	DISC NUT	A182 F6	A182 F6	A182 F316
6	HINGE	A216 WCB	A352 LCC	A351 CF8M
7	HINGE PIN	A182 F6	A182 F6	A182 F316
8	YOKE	A216 WCB	A352 LCC	A351 CF8M
9	BOLT	A182 304	A182 304	A182 F316
10	COVER	A216 WCB	A352 LCC	A351 CF8M
11	GASKET	304/316+GRAPHITE		
12	COVER BOLT	A193 B7	A320 L7	A193 B8
13	COVER NUT	A194 2H	A194 7	A194 8

* The materials are according to ASTM standard * Other materials are available upon request

FACE TO FACE DIMENSIONS AND WEIGHTS

Class 150																			
DN NPS	15 ½	25 1	40 1½	50 2	65 2½	80 3	100 4	125 5	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20	600 24	700 28	750 30
RF (mm)	108	127	165	203	216	241	292	330	356	495	622	699	787	864	978	978	1295	1448	1524
BW (mm)	108	127	165	203	216	241	292	330	356	495	622	699	787	864	978	978	1295	1448	1524
RTJ (mm)	119	140	178	216	229	254	305	343	368	508	635	711	800	876	991	991	1308	1461	1537
RF(kg)	8	10	11	17	23	33	44	69	78	137	207	279	428	555	775	835	1300	1450	1620
BW(kg)	7	8	8.5	14	16	24	34	57	63	122	175	229	368	483	685	720	1150	1300	1450

Class 300																			
DN NPS	25 1	40 1½	50 2	65 2½	80 3	100 4	125 5	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20	600 24	700 28	750 30	
RF (mm)	216	241	267	292	318	356	400	445	533	622	711	838	864	978	1016	1346	1499	1595	
BW (mm)	216	241	267	292	318	356	400	445	533	622	711	838	864	978	1016	1346	1499	1595	
RTJ (mm)	229	254	283	308	333	371	416	460	549	638	727	854	879	994	1035	1368	1524	1620	
RF(kg)	14	15	21	24	39	51	80	90	175	210	286	700	774	1000	1273	1650	1725	1819	
BW(kg)	12	11	15	17	30	40	60	68	145	180	260	490	640	850	1100	1400	1570	1700	

Class 600														
DN NPS	50 2	65 2½	80 3	100 4	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20	600 24	
RF (mm)	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	
BW (mm)	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	
RTJ (mm)	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	
RF(kg)	34	45	63	114	207	387	580	790	892	1200	1600	2420	3150	
BW(kg)	26	37	50	98	145	310	490	670	752	1020	1350	2050	2720	

Class 900												
DN NPS	50 2	65 2½	80 3	100 4	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20
RF (mm)	368	419	381	457	610	737	838	965	1029	1130	1219	1321
BW (mm)	368	419	381	457	610	737	838	965	1029	1130	1219	1321
RTJ (mm)	371	422	384	460	613	740	841	968	1038	1140	1232	1334
RF(kg)	69	93	85	145	310	500	772	1080	1380	1810	2400	3500
BW(kg)	60	78	70	120	265	385	600	860	1140	1510	2050	3100

Class 1500												
DN NPS	50 2	65 2½	80 3	100 4	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20
RF (mm)	368	419	470	546	705	832	991	-	-	-	-	-
BW (mm)	368	419	470	546	705	832	991	-	-	-	-	-
RTJ (mm)	371	422	473	549	711	841	1000	-	-	-	-	-
RF(kg)	69	93	120	235	540	949	1275	-	-	-	-	-
BW(kg)	60	78	90	185	450	785	1065	-	-	-	-	-