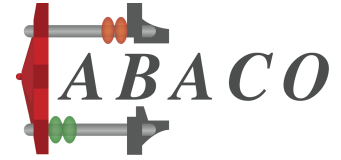


Check Valves



Summary:

Our dual plate check valves are designed for many applications to guarantee the performance of good operations. Our featured design characteristics cover the required quality on: Resilient Seat Surface (eliminates the need for gaskets on flanges); Stem Seal (positive seal in both directions to prevent leakage); Disc Edge (smooth finished disc edge provides superior seal); Backed Seat Support (prevents stem leakage and allows for dead end service).



Features and Characteristics:

Application:

● Water Treatment Plant	● Breweries
● Drilling Rigs	● Heating & Air Conditioning
● Paper Industry	● Chemical Industry
● Gas Plant	● Pneumatic Conveyors
● Sugar Industry	● Waste Effluent Treatment Plant
● Cooling Water Circulation	● Compressed Air

Standard Test

- Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.
- Seat Test: 1.1 times the working pressure with water.
- Special Test: On request, client can carry out any other test according to special instruction.

Technical Data Adoptive Standards:

Iron wafer check valve:

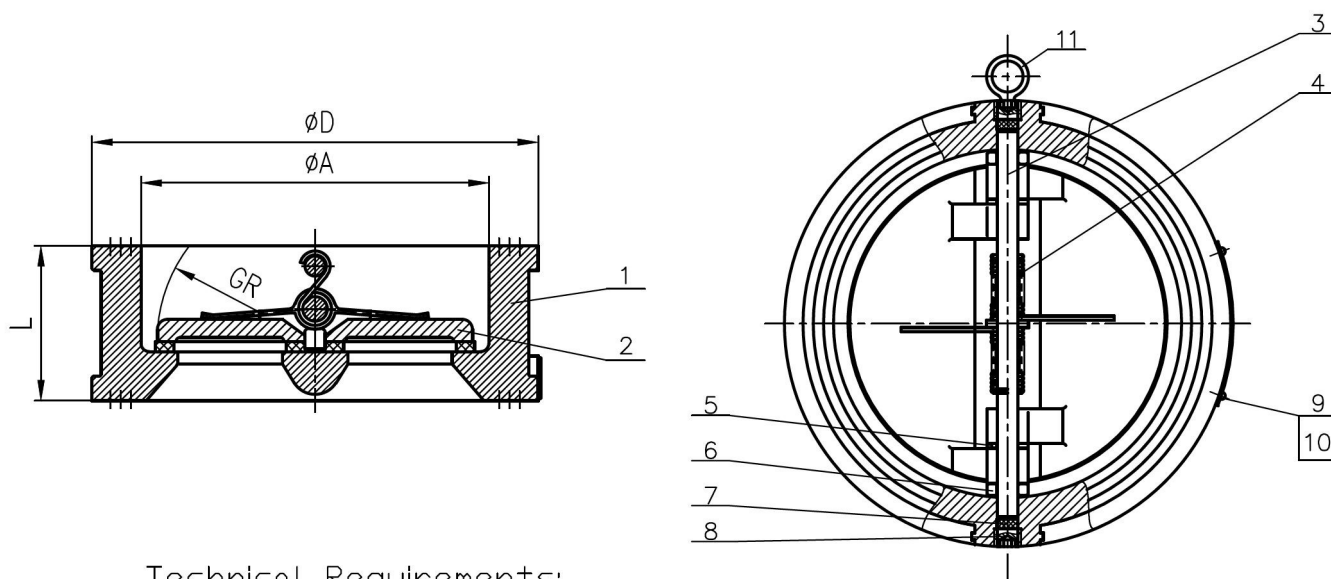
Valve Design: API 609

Pressure Test: API 598

Flange end: ANSI B16.1 class125, BS4504 PN10/PN16, DIN2501 PN10/PN16

Check Valves

DN700	229	720	803	803	851	827	806	815	812	354
DN600	178	624	694	733	730	714	697	725	723	295.4
DN500	152	505	592	616	623	603	593	615	615	241
DN450	152	450	537	554	563	546	538	554	554	217.8
DN400	140	410	487	494	513	511	483	492	492	197.4
DN350	127	360	438	442	456	447	420	442	442	172.4
DN300	114	310	378	382	399	406	375	380	380	148.3
DN250	114	265	328	328	339	336	330	334	334	127
DN200	89	224	273	273	282	276	267	270	270	104.4
DN150	76	170	218	218	222	218	218	213	213	78.6
DN125	70	145	192	192	192	192	187	192	192	65.7
DN100	64	117	162	162	162	171	157	161	161	52.8
DN80	64	94	142	142	142	133	131	142	142	43.4
DN65	46	80	127	127	127	120	121	127	127	36.1
DN50	43	65	107	107	107	103	101	107	107	28.8
SIZE	L	øA	PN10	PN16	PN25	CL150	10K	BS10 D	BS10 E	GR
øD										



Technical Requirements:
Face to face according to ISO5752-82.

11	Eyebolt	1	Carbon Steel
10	Rivet	2	ML2
9	Name Plate	1	H62
8	Hexagon Socket Screws	4	Carbon Steel
7	Seal Gasket	4	EPDM
6	Disc Washers	2	F4
5	Washers	3	F4
4	Spring	2	SS304
3	Stem	2	SS416
2	Disc	2	DI / SS304
1	Body+Seat	1	ASTM A126 CL B+EPDM
NO.	Name	Qty	Material