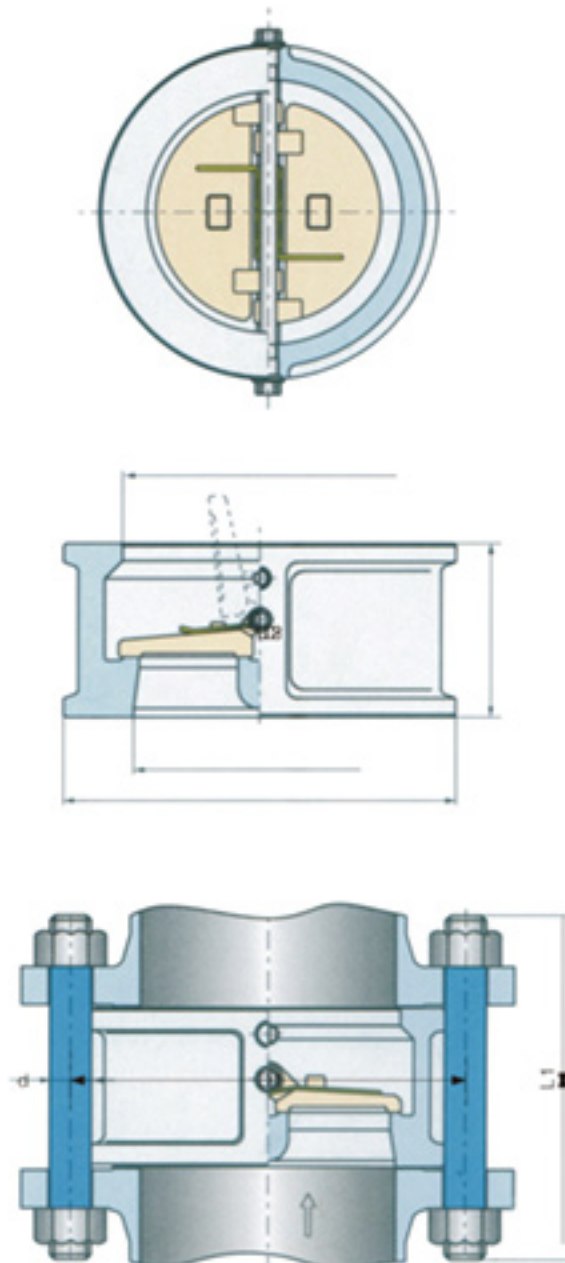




**AH76**  
Check Valve DN50~DN1200

## AH76 Wafer Double Disc Check Valve

AH76X/H wafer double disc check valves are mainly used in water supply system and industrial plants, and they are especially suitable for space-restricted locations due to their shorter structural length compared with ordinary check valves. The short closing stroke of disc and function of spring may strengthen the closing effect and reduce the sound of water hammer. The sealing surface can be body surfacing welding wear-resistant material or rubber lining. The manufacture specification can be API 594; API 6D; JB/T8937.



### Main Parts and Materials

Part Name	Material
Valve Body	QT450-10; WCB; SS304; SS316
Valve Disc	QT450-10; SS304; SS316
Valve Stem	SS316; SS420
Spring	SS304; SS316
Seat	Stainless Steel; EPDM

## Dimension (mm)

Nominal pressure	Nominal diameter	Dimensions(mm)				Weight (kg)	Pipe flange(For reference)			
		L	D	D2	D3		D1	Bolt quantity	Bolt diameter d	Bolt length L1
PN10	50	60	108	51	58	2	125	4	M16	150
	65	67	128	65	73	3	145	4	M16	155
	80	73	142	80	88	4	160	8	M16	160
	100	73	162	102	108	6	180	8	M16	165
	125	86	192	127	132	8	210	8	M16	180
	150	98	218	152	160	13	240	8	M20	205
	200	127	273	203	210	24	295	8	M20	235
	250	146	328	254	266	37	350	12	M20	255
	300	181	378	305	310	50	400	12	M20	290
	350	184	438	350	355	76	460	16	M20	295
	400	191	489	400	405	110	515	16	M24	310
	450	203	539	450	455	135	565	20	M24	325
	500	219	594	500	505	158	620	20	M24	345
	600	222	696	600	605	320	725	20	M27	355
	700	305	811	695	700	380	840	24	M27	440
	800	305	918	796	800	560	950	24	M30	450
900	368	1018	898	903	640	1050	28	M30	520	
1000	432	1124	976	985	900	1160	28	M33	590	
1200	524	1340	1200	1205	1400	1380	32	M36	695	
PN16	50	60	108	51	58	2	125	4	M16	150
	65	67	128	65	73	3	145	4	M16	155
	80	73	142	80	88	4	160	8	M16	160
	100	73	162	102	108	6	180	8	M16	165
	125	86	192	127	132	8	210	8	M16	180
	150	98	218	152	160	13	240	8	M20	205
	200	127	273	203	210	24	295	12	M20	235
	250	146	329	254	266	37	355	12	M24	265
	300	181	384	305	310	50	410	12	M24	305
	350	184	444	350	355	76	470	16	M24	310
	400	191	496	400	405	110	525	16	M27	330
	450	203	556	450	455	135	585	20	M27	345
	500	219	618	500	505	158	650	20	M30	370
	600	222	732	600	605	320	770	20	M33	380
	700	305	802	695	700	380	840	24	M33	470
	800	305	912	796	800	560	950	24	M36	475
900	368	1012	898	903	640	1050	28	M36	545	
1000	432	1126	976	985	900	1170	28	M39	620	
1200	524	1340	1200	1205	1400	1390	32	M45	735	

## Main Performance Parameters

Type	Nominal pressure	Test pressure PS		Working temperature(°C)		Applicable medium	Valve body material
		Shell	Seal	Soft seal	Hard seal		
AH76X AH76W	1.0	1.5	1.1	≤120	≤425	oil,water(steam) medium,such as acid and alkali, etc.	carbon steel, stainless steel, chromium molybdenum steel, etc.
	1.6	2.4	1.8				
	2.5	3.8	2.8				
	4.0	6.0	4.4				

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