

DUAL PLATE WAFER CHECK VALVE CLASS 1500

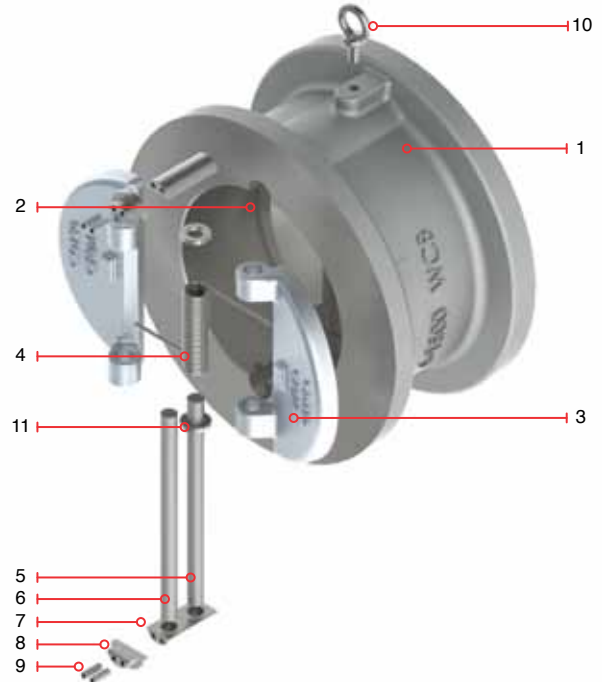
Design Features

- Design in accordance with API 594
- End to end dimension in accordance to API 594
- Flange ends in accordance to ASME B16.5, ASME B16.47
- Inspection and Test according to API 598
- NACE MR-0175 Service
- Lifting Lug for 8" and up
- Single Spring for 2" to 6"
- Double Spring for 8" and up

Material List for Main Parts (Single Spring)

No.	Part Name	ASTM
		Carbon Steel
1	Body	A216 WCB
2	Seat Seal	A216 WCB + SS410 Overlay
3	Disc	A351 CF8
4	Spring	Inconel X-750
5	Shaft	A276 Gr. 410
6	Stop Pin	A276 Gr. 410
7	Shaft Support	A276 Gr. 410
8	Retainer	A276 Gr. 410
9	Bolting	Commercial Steel
10	Lifting Lug	Commercial Steel
11	Bearing	A276 Gr. 410

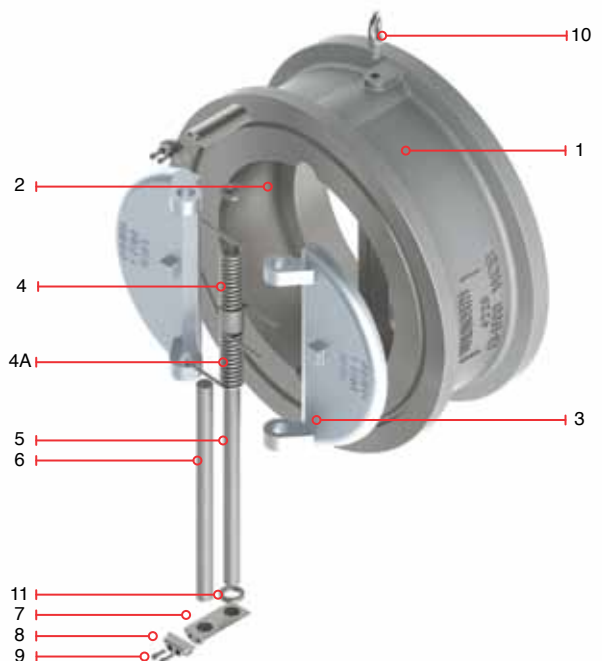
Remark: 1. Select different materials for different working temperature and media.



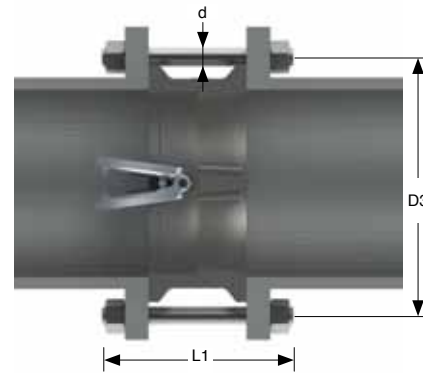
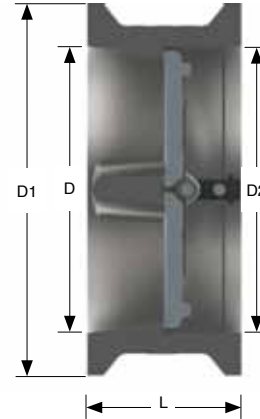
Material List For Main Parts (Double Spring)

No.	Part Name	ASTM
		Carbon Steel
1	Body	A216 WCB
2	Seat Seal	A216 WCB + SS410 Overlay
3	Disc	A351 CF8
4	Spring	Inconel X-750
4A	Spring	Inconel X-750
5	Shaft	A276 Gr. 410
6	Stop Pin	A276 Gr. 410
7	Shaft Support	A276 Gr. 410
8	Retainer	A276 Gr. 410
9	Bolting	Commercial Steel
10	Lifting Lug	Commercial Steel
11	Bearing	A276 Gr. 410

Remark: 1. Select different materials for different working temperature and media.



DUAL PLATE WAFER CHECK VALVE CLASS 1500



Dimensions and Weights

Pressure / Flange standard	Nominal pipe size		Dimension				Weight (Kg)	Pipe Flange					
	NPS	CN	L	D1	D2	D		D3	Bolt No.	Stud Diameter (d)		Stud Length (L1)	
										in	mm	RF	RJ
Class 1500 PN26,0/ ASME B16.5	2	50	70	140	58	51	8	165	8	1	M24	225	230
	2 1/2	65	83	162	73	65	11	190.5	8	1 1/8	M27	250	255
	3	80	83	172	90	80	19	203	8	1 1/4	M30	270	275
	4	100	102	207	108	102	26	241.5	8	1 1/2	M33	310	315
	5	125	110	252	136	127	51	292	8	1 3/8	M39	370	375
	6	150	159	280	162	150	68	317.5	12	1 3/8	M36	430	440
	8	200	206	350	212	200	130	393.5	12	1 5/8	M42	510	520
	10	250	248	433	266	254	210	482.5	12	1 7/8	M48	600	610
	12	300	305	518	312	305	384	517.5	16	2	M52	695	715
	14	350	356	576	355	337	550	635	16	2 1/4	M56	775	800
16	400	384	639	400	387	635	705	16	2 1/2	M64	950	880	