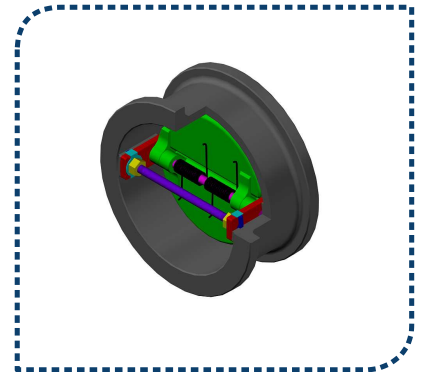


Class	Fig. No.
150	1570
300	3070
600	6070

Item	Applicable Specification
Wall Thickness	API 594
Pressure - Temperature Ratings	ASME B16.34
General Valve Design	API 594 & B16.34
End to End Dimensions	API 594
Flange Design	ASME B16.5
Materials	ASTM



PART	COMMON MATERIAL COMBINATIONS				
Body	A216 WCB	A216 WCB	A216 WCB	A351 CF8M	A351 CF8M
Body Seat	Stellite Facing	Stellite Facing	Integral	Integral	Stellite Facing
Disc	A216 WCB+ 13% CR FACED	A351 CF8M	A351 CF8M	A351 CF8M	A351 CF8M
Hinge Pin	410 SST	316 SST	316 SST	316 SST	316 SST
Stop Pin	410 SST	316 SST	316 SST	316 SST	316 SST
Pin Holder	Carbon Steel	316 SST	316 SST	316 SST	316 SST
Key	410 SST	316 SST	316 SST	316 SST	316 SST
Washer	410 SST	316 SST	316 SST	316 SST	316 SST
Set Screw*	Carbon Steel	316 SST	316 SST	316 SST	316 SST
Lock Nut**	Carbon Steel	316 SST	316 SST	316 SST	316 SST
Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
Eyebolt	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel (Zn plate)	Carbon Steel (Zn plate)

(NOTE) Other materials and trims available.

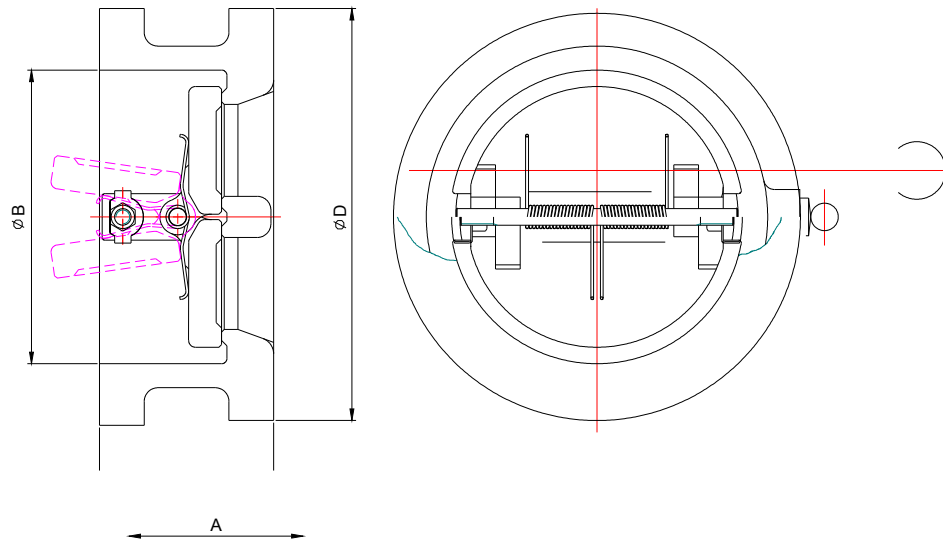
*Sizes 2"-6" only

**Sizes 8" and above only

DESIGN FEATURES:

- **Retainerless body Design** with no external body penetrations eliminating the possibility of outside leakage. Disc assembly secured in place by high strength key.
- **End Gasket Surfaces** are uninterrupted with no screws or lock pins breaking the gasket surface. No gasket restrictions required.
- **Seat faces** lapped for smooth finish and superior sealing
- **High torsion** inconel springs for quick closing
- **Each** valve is shell and seat pressure tested per industry standard API 598
- **Available** in Wafer, Lug and Double Flange styles
- **Each** valve has a unique certification number that is traceable to the valve certification sheet which includes MTR data, pressure test report, inspection report and certificate of
- **Other** available options as follows:
 - Alternate valve materials such as chrome and stainless steel alloys
 - Alternate trim materials.
 - Higher Pressure Classes
 - NACE service.
 - Special cleaning for applications such as oxygen or chlorine.
 - Other options available as specified.

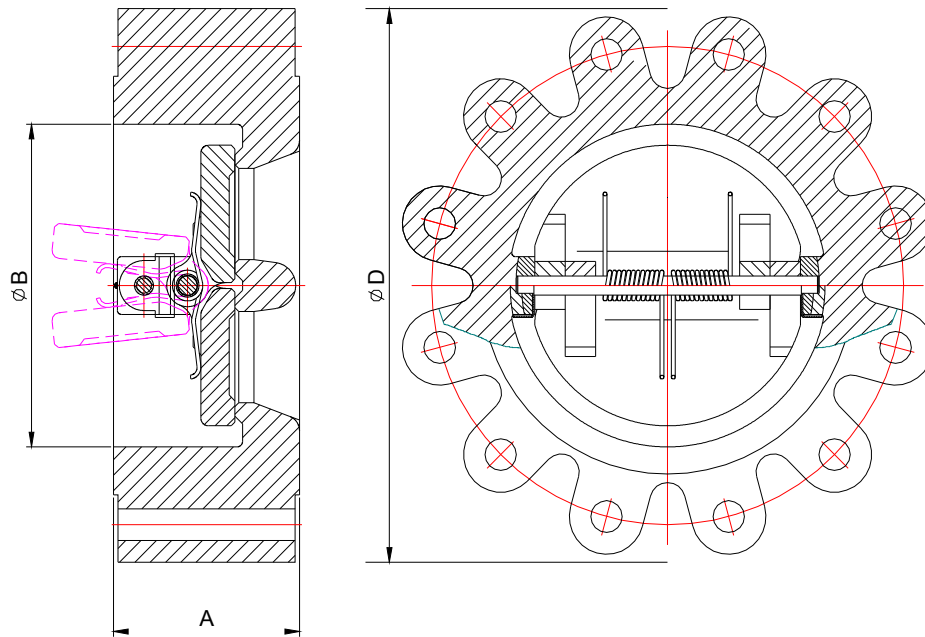
⚙️ Dual Plate Check Valve (Wafer Style) Dimensions (Class 150-600) :



SIZE	ASME 150					ASME 300					ASME 600				
in	A	B	D	WT	lb	A	B	D	WT	lb	A	B	D	WT	lb
mm					KG					KG					KG
2	2 3/8	2 11/16	4	4.5		2 3/8	2 11/16	4 5/16	5.5		2 3/8	2 11/16	4 5/16	5.5	
25	60	68	103	2		60	68	110	2.5		60	68	110	2.5	
3	2 7/8	3 7/16	5 5/16	8.5		2 7/8	3 7/16	5 13/16	10.8		2 7/8	3 7/16	5 13/16	11.3	
80	73	88	135	3.9		73	88	148	4.9		73	88	148	5.1	
4	2 7/8	4 9/16	6 13/16	14.8		2 7/8	4 9/16	7 1/16	17.5		3 1/8	4 9/16	7 9/16	22	
100	73	116	173	6.7		73	116	180	8		79	116	192	10	
6	3 7/8	6 5/8	8 3/4	28		3 7/8	6 5/8	9 13/16	40		5 3/8	6 5/8	10 3/8	57	
150	98	168	221	12.7		98	168	249	18		136	168	264	26	
8	5	8 7/16	11	55		5	8 7/16	12 1/16	71		6 1/2	8 7/16	12 9/16	106	
200	127	214	278	25		127	214	306	32		165	214	319	48	
10	5 3/4	10 3/8	12 3/4	90		5 3/4	10 3/8	14 3/16	109		8 3/8	10 3/8	15 11/16	202	
250	146	264	324	41		146	264	360	50		213	264	398	92	
12	7 1/8	12 1/8	16	150		7 1/8	12 1/8	16 9/16	177		9	12 1/4	17 15/16	284	
300	181	308	408	68		181	308	420	81		229	311	456	129	
14	7 1/4	13 9/16	17 5/8	190		8 3/4	13 9/16	19 1/16	265		10 3/4	13 5/8	19 5/16	380	
350	184	344	448	86		222	344	484	120		273	346	491	172	
16	7 1/2	15 13/16	20 1/4	254		9 1/8	15 13/16	21 3/16	355		12	15 13/16	22 3/16	545	
400	191	402	514	115		232	402	538	161		305	402	564	247	
18	8	17 13/16	21 5/8	315		10 3/8	17 13/16	23 7/16	470		14 1/4	17 7/8	24 1/16	740	
450	203	452	548	143		264	452	595	213		362	454	611	335	
20	8 5/8	19 3/4	23 7/8	400		11 1/2	19 3/4	25 11/16	610		14 1/2	19 15/16	26 13/16	955	
500	219	502	606	182		292	502	652	277		368	506	681	433	
24	8 3/4	23 15/16	28 1/4	590		12 1/2	23 15/16	30 7/16	910		17 1/4	23 11/16	31 1/16	1500	
600	222	608	716	267		318	608	773	412		438	602	789	680	

ADDITIONAL SIZES, MATERIALS AND CLASSES AVAILABLE UPON REQUEST.

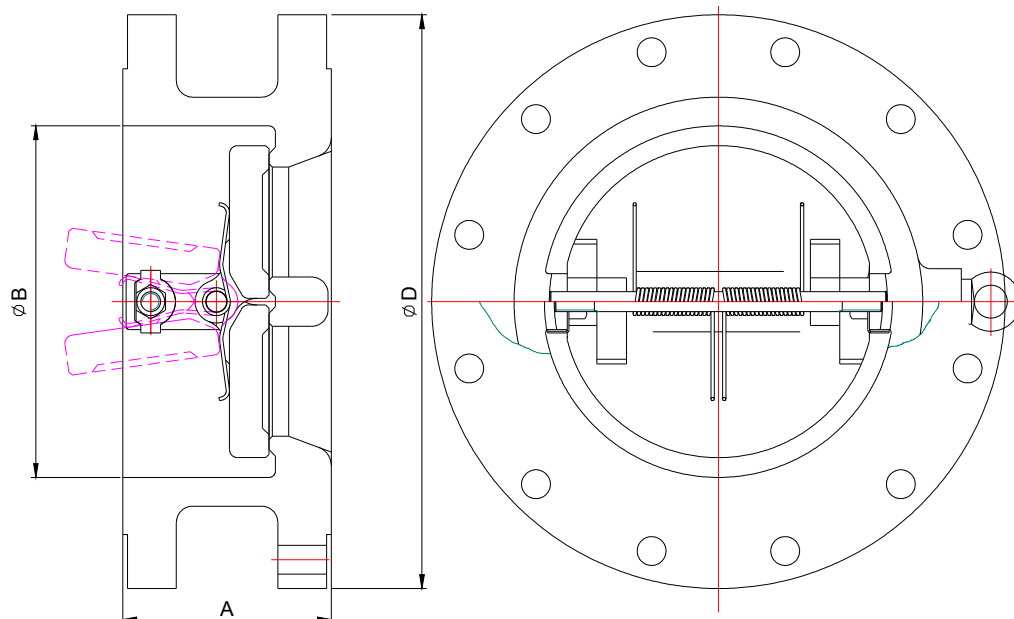
⚙️ Dual Plate Check Valve (Lug Style) Dimensions (Class 150-600):



SIZE	ASME 150					ASME 300					ASME 600				
in	A	B	D	WT	lb	A	B	D	WT	lb	A	B	D	WT	lb
mm					KG					KG					KG
2	2 3/8	2 11/16	6	7.5		2 3/8	2 11/16	6 1/2	17		2 3/8	2 11/16	6 1/2	17	
25	60	68	150	3.4		60	68	165	7.7		60	68	165	7.7	
3	2 7/8	3 7/16	7 1/2	15.5		2 7/8	3 7/16	8 1/4	30.75		2 7/8	3 7/16	8 1/4	31.3	
80	73	88	190	7.1		73	88	210	14		73	88	210	14.1	
4	2 7/8	4 9/16	9	30		2 7/8	4 9/16	10	54.5		3 1/8	4 9/16	10 3/4	84	
100	73	116	230	13.5		73	116	255	24.8		79	116	275	38	
6	3 7/8	6 5/8	11	50		3 7/8	6 5/8	12 1/2	99		5 3/8	6 5/8	14	160	
150	98	168	280	23		98	168	320	45		136	168	355	73	
8	5	8 7/16	13 1/2	128		5	8 7/16	15	146		6 1/2	8 7/16	16 1/2	302	
200	127	214	345	58		127	214	380	66		165	214	420	137	
10	5 3/4	10 3/8	16	208		5 3/4	10 3/8	17 1/2	232		8 3/8	10 3/8	20	507	
250	146	264	405	95		146	264	445	106		213	264	510	230	
12	7 1/8	12 1/8	19	280		7 1/8	12 1/8	20 1/2	357		9	12 1/4	22	534	
300	181	308	485	127		181	308	520	163		229	311	560	243	

ADDITIONAL SIZES, MATERIALS AND CLASSES AVAILABLE UPON REQUEST.

⚙️ Dual Plate Check Valve (Double Flange Style) Dimensions (Class 150-600):



SIZE	ASME 150					ASME 300					ASME 600				
in					lb					lb					lb
mm	A	B	D	WT	KG	A	B	D	WT	KG	A	B	D	WT	KG
12	7 1/8	12 1/8	19	289		7 1/8	12 1/8	20 1/2	343		9	12 1/4	22	540	
300	181	308	485	131		181	308	520	157		229	311	560	245	
14	7 1/4	13 9/16	21	509		8 3/4	13 9/16	23	696		10 3/4	13 5/8	23 3/4	988	
350	184	344	535	231		222	344	585	316		273	346	605	447	
16	7 1/2	15 13/16	23 1/2	641		9 1/8	15 13/16	25 1/2	1030		12	15 13/16	27	1580	
400	191	402	595	290		232	402	650	468		305	402	685	716	
18	8	17 13/16	25	775		10 3/8	17 13/16	28	1320		14 1/4	17 7/8	29 1/4	2070	
450	203	452	635	353		264	452	710	599		362	454	745	938	
20	8 5/8	19 3/4	27 1/2	1000		11 1/2	19 3/4	30 1/2	1688		14 1/2	19 15/16	32	2580	
500	219	502	700	455		292	502	775	767		368	506	813	1170	
24	8 3/4	23 15/16	32	1452		12 1/2	23 15/16	36	2875		17 1/4	23 11/16	37	4500	
600	222	608	815	659		318	608	915	1305		438	602	940	2040	

ADDITIONAL SIZES, MATERIALS AND CLASSES AVAILABLE UPON REQUEST.