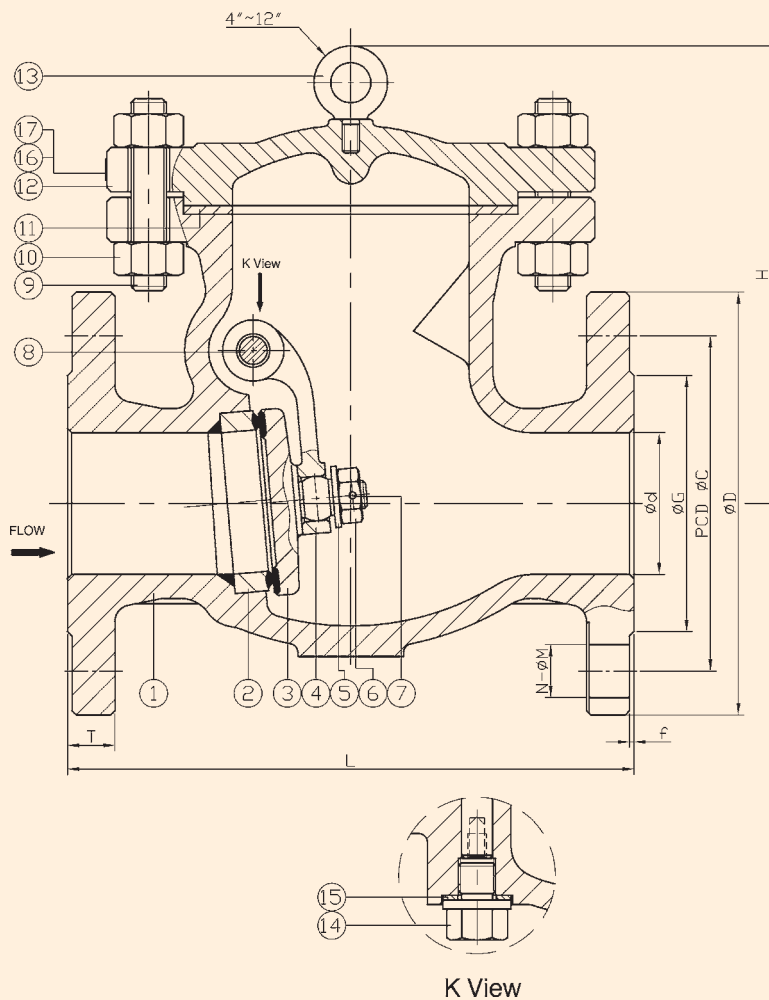


OVC# CS150CK

Class 150 Carbon Steel Check Valve

Features

- Dimension of flange: ASME B16.5
- Face to face: ASME B16.10
- Test: API 598
- Design: ASME B16.34 / BS1868



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105+STL#6
3	DISC	ASTM A105+Cr13
4	HINGE	ASTM A216-WCB
5	DISC WASHER	ASTM A276-410
6	DISC NUT	ASTM A276-410
7	DISC NUT PIN	ASTM A276-410
8	HINGE PIN	ASTM A182+-F6a
9	STUD	ASTM A193-B7
10	NUT	ASTM A194-2H
11	GASKET	SPW SS 304+GRAPHITE
12	CAP	ASTM A216-WCB
13	EYEBOLT	CARBON STEEL
14	PLUG	ASTM A276-410
15	WASHER	ASTM A276-304
16	NAMEPLATE	SS 304
17	RIVET	SS 304

NPS	d	G	C	D	L	H	T	f	N	M	Weight (lb)
2"	2	3.62	4.74	5.98	8	5.39	0.63	0.06	4	0.75	37.5
2-1/2"	2.5	4.13	5.49	7.01	8.5	5.87	0.71	0.06	4	0.75	50.7
3"	3	5	6	7.48	9.5	6.34	0.75	0.06	4	0.75	63.9
4"	4	6.18	7.5	9.02	11.5	9.02	0.94	0.06	8	0.75	92.6
6"	6	8.5	9.51	10.98	14	10.75	1.02	0.06	8	0.87	163.1
8"	8	10.63	11.75	13.5	19.5	13.43	1.14	0.06	8	0.87	238.1
10"	10	12.76	14.25	15.98	24.5	15.87	1.22	0.06	12	0.98	390.2
12"	12	15	17.01	19.02	27.5	18.54	1.26	0.06	12	0.98	621.7

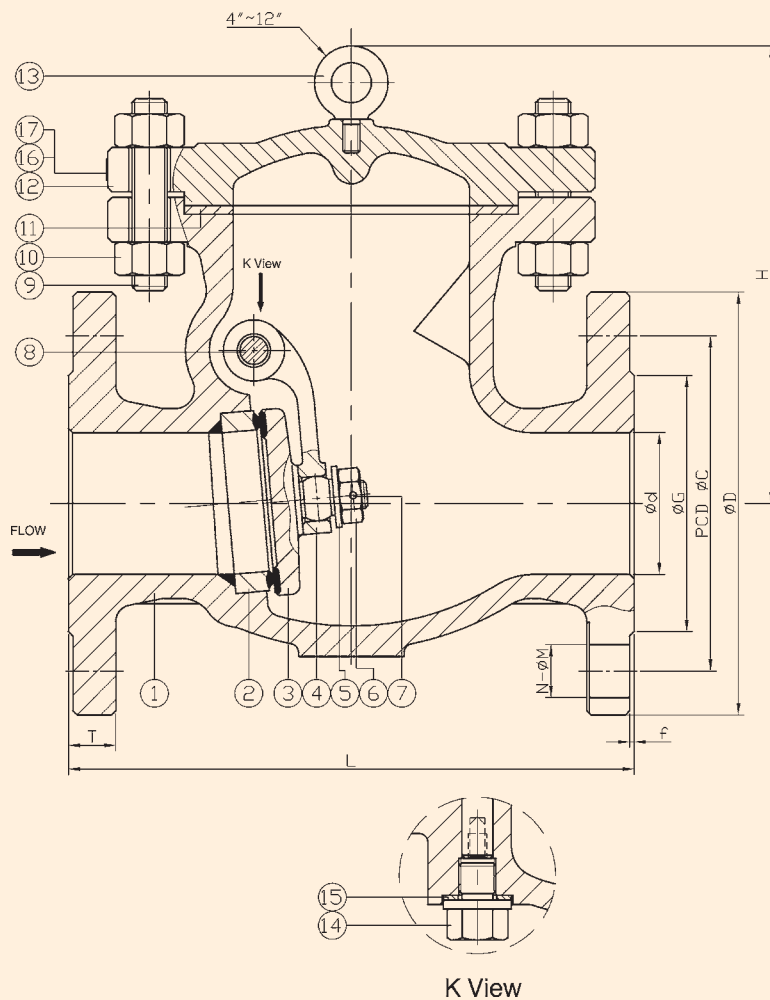
* Other sizes available upon request.

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OVC# CS300CK *Class 300 Carbon Steel Check Valve*

Features

- Dimension of flange: ASME B16.5
- Face to face: ASME B16.10
- Test: API 598
- Design: ASME B16.34 / BS1868



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105+STL#6
3	DISC	ASTM A105+Cr13
4	HINGE	ASTM A216-WCB
5	DISC WASHER	ASTM A276-410
6	DISC NUT	ASTM A276-410
7	DISC NUT PIN	ASTM A276-410
8	HINGE PIN	ASTM A182+-F6a
9	STUD	ASTM A193-B7
10	NUT	ASTM A194-2H
11	GASKET	SPW SS 304+GRAPHITE
12	CAP	ASTM A216-WCB
13	EYEBOLT	CARBON STEEL
14	PLUG	ASTM A276-410
15	WASHER	ASTM A276-304
16	NAMEPLATE	SS 304
17	RIVET	SS 304

NPS	d	G	C	D	L	H	T	f	N	M	Weight (lb)
2"	2	3.62	5	6.5	10.5	6.22	0.91	0.06	8	0.75	46.3
2-1/2"	2.5	4.13	5.87	7.48	11.5	6.5	1.02	0.06	8	0.87	79.4
3"	3	5	6.63	8.27	12.5	6.93	1.14	0.06	8	0.87	94.8
4"	4	6.18	7.87	10	14	10.08	1.26	0.06	8	0.87	134.5
6"	6	8.5	10.63	12.52	17.5	12.05	1.46	0.06	12	0.87	288.8
8"	8	10.63	12.99	15	21	14.25	1.65	0.06	12	0.98	469.6
10"	10	12.76	15.26	17.52	24.5	17.87	1.89	0.06	16	1.14	846.6
12"	12	15	17.76	20.51	28	19.65	2.01	0.06	16	1.26	989.9

* Other sizes available upon request.

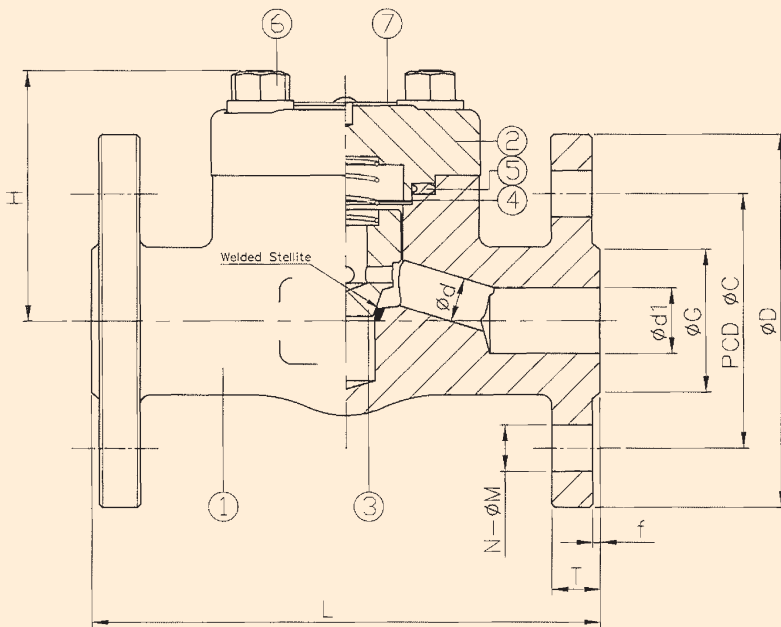
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OVC# PC150FE

Class 150 Forged Steel Flanged End Piston Check Valve

Features

- Design and manufacture: API 602 & ASME 16.34
- Test: API 598
- End flanged dimensions: ASME B16.5
- Face to face: ASME B16.10



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A105 + STELLITE
2	CAP	ASTM A105
3	DISC	ASTM A276-420
4	SPRING	SS 304
5	GASKET	SS 304 + GRAPHITE
6	BOLT	ASTM A193-B7
7	NAMEPLATE	ALUMINUM

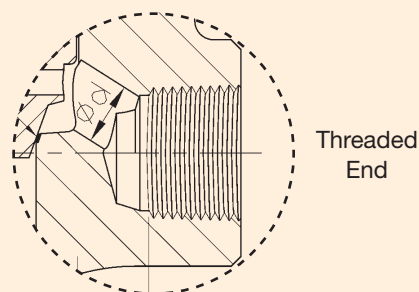
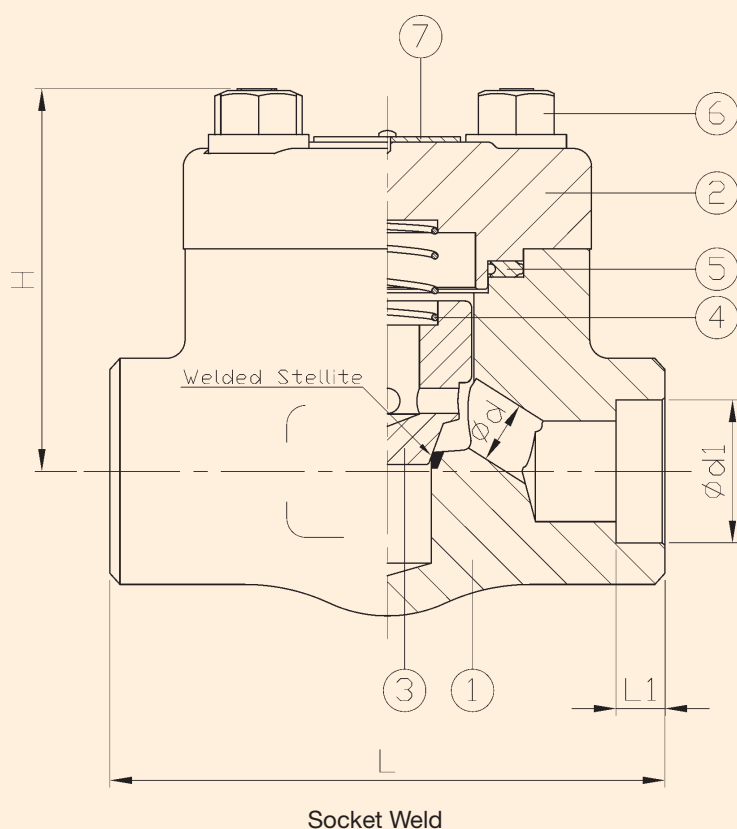
NPS	d	d1	G	C	D	L	H	T	f	N	M	Weight (lb)
1/2"	0.39	0.63	1.37	2.37	3.54	4.25	2.2	0.45	0.06	4	0.63	4.9
3/4"	0.51	0.83	1.69	2.75	3.94	4.61	2.2	0.51	0.06	4	0.63	6.1
1"	0.71	1.04	2	3.13	4.33	5	2.95	0.57	0.06	4	0.63	9.3
1-1/4"	0.91	1.38	2.50	3.50	4.53	5.51	3.35	0.63	0.06	4	0.63	13.4
1-1/2"	1.14	1.61	2.87	3.87	4.92	6.5	3.82	0.69	0.06	4	0.63	16.5
2"	1.42	2.07	3.62	4.75	5.91	7.99	4.65	0.77	0.06	4	0.75	24.3

OVC# PC800SW/TE

Socket Weld End & Threaded End Forged Steel Piston Check Valve

Features

- Basic design: API 602
- Test: API 598
- Socket weld dimensions: ASME B16.11
- Screw end dimensions: ASME B16.11



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A105 + STELLITE
2	CAP	ASTM A105
3	DISC	ASTM A276-420
4	SPRING	SS 304
5	GASKET	304 + GRAPHITE
6	BOLT	ASTM A193-B7
7	NAMEPLATE	ALUMINUM

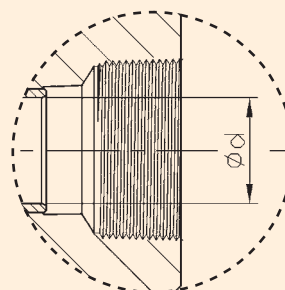
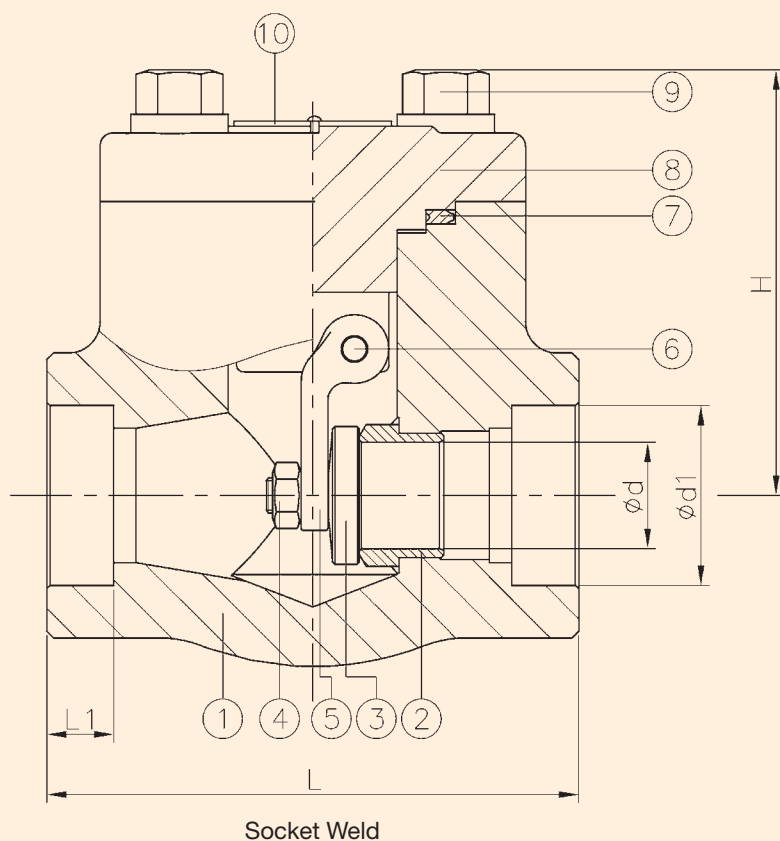
NPS	d	d1	L	L1	H	Weight (lb)
1/4"	0.26	0.56	3.11	0.39	2.28	3.5
3/8"	0.37	0.69	3.11	0.39	2.28	3.5
1/2"	0.39	0.86	3.11	0.39	2.28	3.3
3/4"	0.51	1.07	3.62	0.51	2.28	3.7
1"	0.71	1.33	4.37	0.51	2.95	5.8
1-1/4"	0.91	1.68	4.72	0.51	3.35	8.4
1-1/2"	1.14	1.92	5.98	0.51	3.82	9.9
2"	1.42	2.41	6.77	0.63	4.25	19.8

OVC# SC800SW/TE

Socket Weld End & Threaded End Forged Steel Swing Check Valve

Features

- Basic design: API 602
- Test: API 598
- Socket weld dimensions: ASME B16.11
- Screw end dimensions: ASME B16.11



Threaded
End

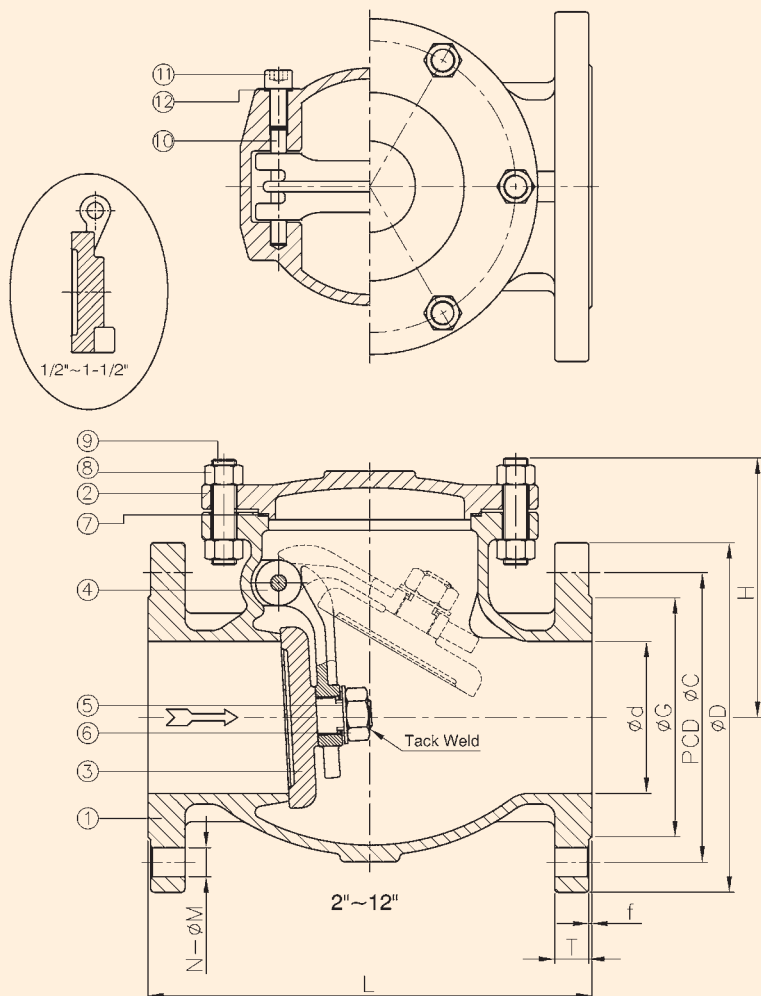
NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A105N
2	SEAT	ASTM A276-410 + STL
3	DISC	ASTM A276-420
4	NUT	ASTM A194-8
5	CARRIER	ASTM A351-CF8
6	PIN	ASTM A276-304
7	GASKET	304 + GRAPHITE
8	CAP	ASTM A105N
9	BOLT	ASTM A193-B7
10	NAMEPLATE	ALUMINUM

NPS	d	d1	L	L1	H	Weight (lb)
1/4"	0.30	0.56	3.11	0.39	2.28	3.3
3/8"	0.37	0.69	3.11	0.39	2.28	3.3
1/2"	0.51	0.86	3.11	0.39	2.28	3.1
3/4"	0.51	1.07	3.62	0.51	2.28	3.7
1"	0.71	1.33	4.37	0.51	2.95	5.5
1-1/4"	0.94	1.68	4.72	0.51	3.27	8.0
1-1/2"	1.14	1.92	4.72	0.51	3.70	9.7
2"	1.44	2.41	5.51	0.63	4.21	16.1

OVC# SS150CK *Class 150 Stainless Steel Check Valve*

Features

- Face to Face: ASME B16.10
- Design: ASME B16.34
- Flange Dimensions: ASME B16.5
- Test: API 598



NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A351-CF8M
2	CAP	ASTM A351-CF8M
3	DISC	ASTM A351-CF8M
4	HINGE	ASTM A351-CF8M
5	FLAT WASHER	AISI 316
6	NUT	AISI 316
7	GASKET A	PTFE
8	NUT	ASTM A194-8
9	STUD	ASTM A193-B8
10	PIN	AISI 316
11	SOCKET HEXAGON SCREW	AISI 316
12	GASKET B	PTFE

NPS	d	G	C	D	H	T	f	N	M	L	Wt./Lbs.
1/2"	0.5	1.37	2.37	3.54	2.28	0.38	0.08	4	0.63	4.25	3.6
3/4"	0.75	1.69	2.75	3.94	2.36	0.38	0.08	4	0.63	4.625	4.6
1"	1	2	3.13	4.33	2.8	0.38	0.08	4	0.63	5	5.9
1-1/2"	1.5	2.87	3.87	4.92	3.27	0.5	0.08	4	0.63	6.5	10.9
2"	2	3.63	4.75	5.91	4.13	0.56	0.08	4	0.75	8	18.9
2-1/2"	2.5	4.13	5.5	7.09	4.76	0.63	0.08	4	0.75	8.5	28.6
3"	3	5	6	7.48	5.98	0.69	0.08	4	0.75	9.5	41
4"	4	6.19	7.5	9.06	6.81	0.88	0.08	8	0.75	11.5	74.5
5"	5	7.31	8.5	10.04	7.68	0.88	0.08	8	0.75	13	on request
6"	6	8.5	9.5	11.02	8.39	0.94	0.08	8	0.88	14	110.9
8"	8	10.63	11.75	13.58	9.61	1.06	0.08	8	0.88	19.5	187.7
10"	10	12.75	14.25	15.94	12.6	1.13	0.08	12	1	24.5	339.5
12"	12	15	17	19.09	13.94	1.19	0.08	12	1	27.5	464.1

* Other sizes available upon request.

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