



Piston Check Valves - API 6D

Class: 150 - 2500/Sizes: 2" - 24"



Design and Manufacturing Standards	
Basic Design	API 6D
Shell Wall Thickness	ANSI/ASME B16.34
Face to Face Dimension	As stated
Flange End Dimension	ANSI/ASME B16.5
Butt-Weld End Dimension	ANSI/ASME B16.25
Inspection & Testing	API 6D

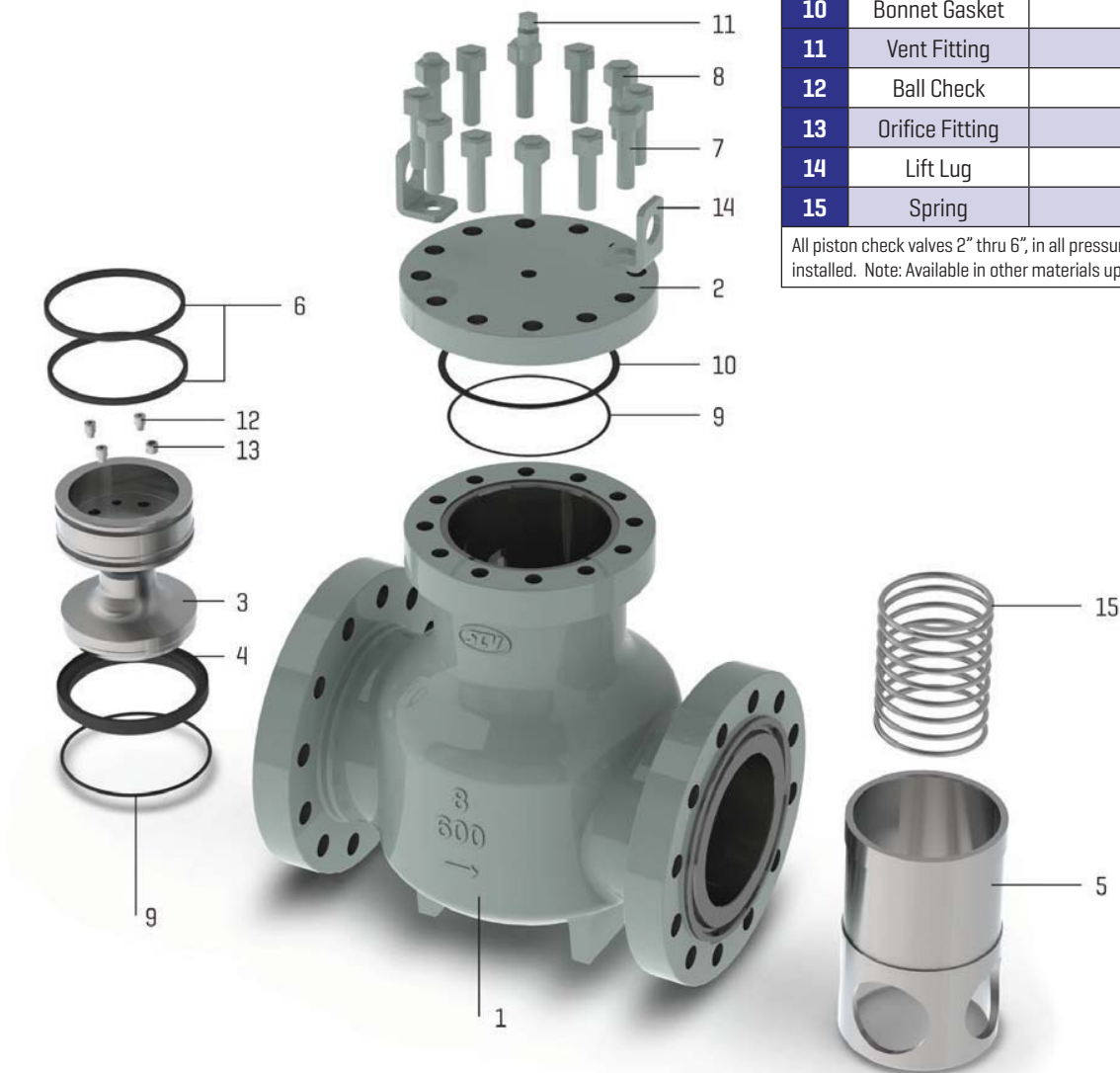


Piston Check Valve

[Expanded View & Bill of Materials]

No.	Part	WCC
1	Body	A216 WCC
2	Bonnet	A105
3	Piston	A105+NI-TRID+ST. 6
4	Seat	A105+St. 6
5	Cage	A105+ENP
6	Piston Ring	PEEK/Glass Filled
7	Stud	A193 B7M
8	Heavy Hex Nut	A193 2HM
9	O-ring	Viton AED
10	Bonnet Gasket	SS/Graphite
11	Vent Fitting	316 SS
12	Ball Check	316 SS
13	Orifice Fitting	316 SS
14	Lift Lug	Steel
15	Spring	X-750

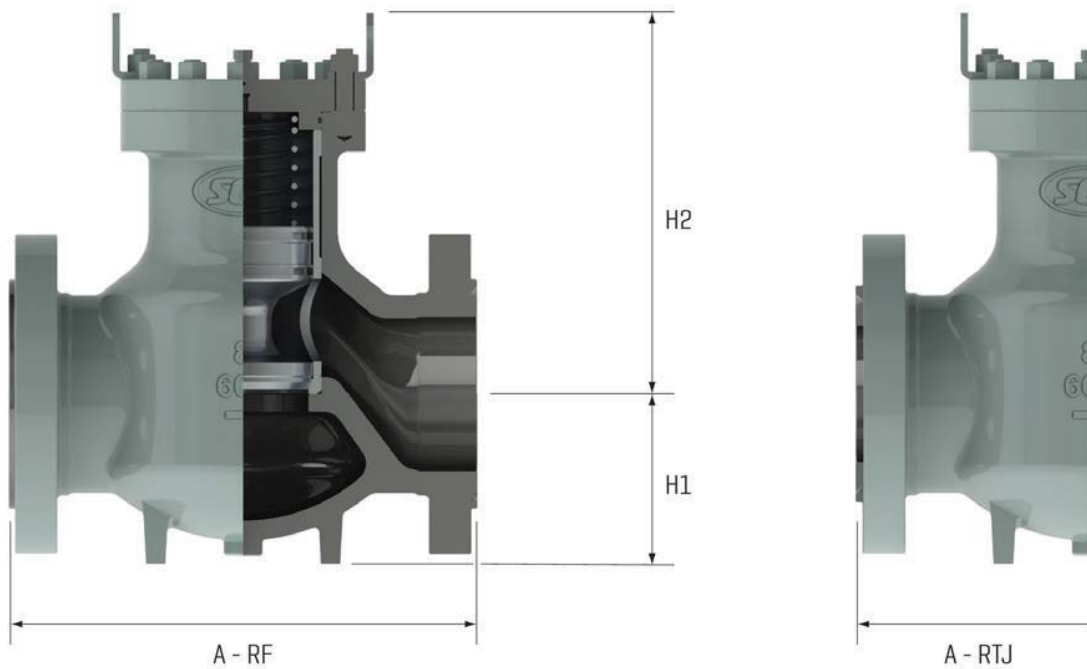
All piston check valves 2" thru 6", in all pressures, comes standard with a X-750 spring installed. Note: Available in other materials upon request.



Piston Check Valve Dimensions

Size: 2" - 36"

Class: 150 - 2500



Note: Butt Weld configuration is available upon request.

CLASS 150	SIZE	NPS	2	3	4	6	8	10	12	14	16	18	20	24
		DN	50	80	100	150	200	250	300	350	400	450	500	600
	A - RF	IN	8.0	9.5	11.5	16	19.5	24.5	27.5	31	36	38.5	38.5	51
		MM	203	241	292	406	495	622	699	787	914	978	978	1295
	H1	IN	3.25	4.875	5	6.75	9.25	11.75	13.25	14.875	17	/	/	/
		MM	83	124	127	171	235	298	337	378	432	/	/	/
	H2	IN	7.0	8.35	10.23	14.56	17.83	22.48	25.51	27.25	30.125	/	/	/
		MM	178	212	260	370	451	571	648	692	765	/	/	/
	WGT (RF)	LB	64	124	201	332	610	1040	1328	2010	2480	/	/	/
		KG	29	56	91	151	277	472	602	912	1125	/	/	/

CLASS 300	SIZE	NPS	2	3	4	6	8	10	12	14	16
		DN	50	80	100	150	200	250	300	350	400
	A - RF	IN	10.25	14.75	17.625	19.375	22.5	29.625	32	35.25	39.125
		MM	260	375	448	492	572	752	813	895	994
	H1	IN	3.25	4.875	5	6.75	9.25	11.75	13.25	14.875	17
		MM	83	124	127	171	235	298	337	378	432
	H2	IN	8.5	10.25	12.5	17.5	20.125	23.75	24.375	27.25	30.125
		MM	216	260	318	445	511	603	619	692	765
	WGT (RF)	LB	80	155	250	415	750	1300	1660	2500	3100
		KG	36	70	114	187	341	591	755	1136	1409