

Piston Check Valves

Forged Steel

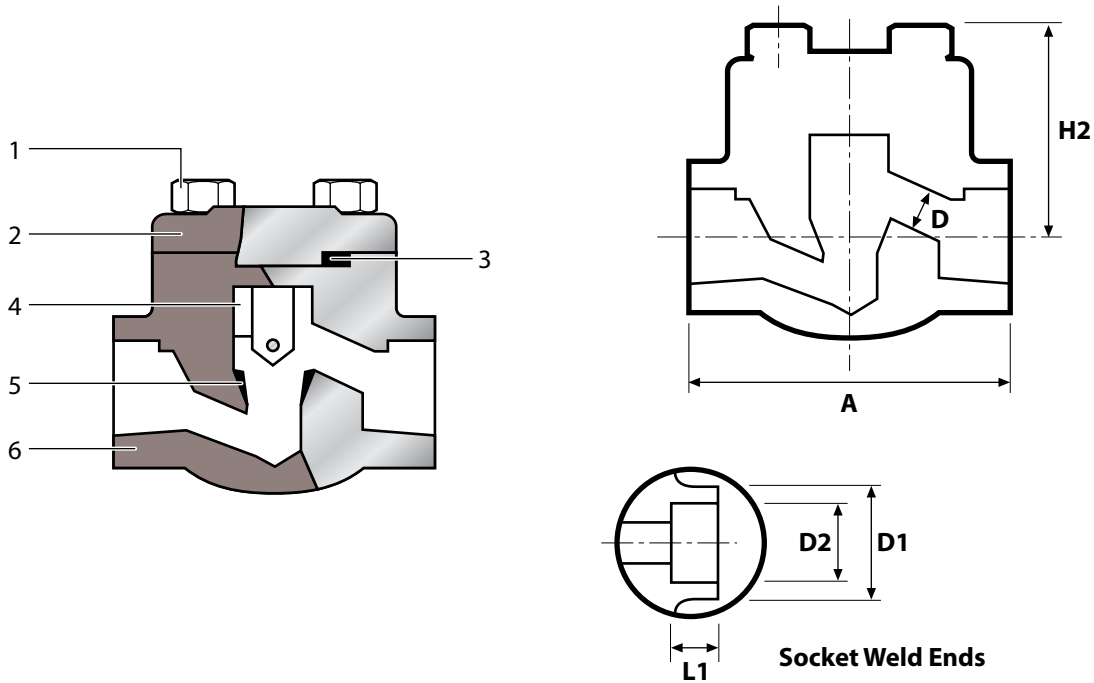
Sizes 3/8" thru 2"
Class 800 - 2500



Design and Manufacturing Standards	
Basic Design	API 602 & ANSI/ASME B16.34
Socket Weld End Dimension	ANSI/ASME B16.11
Thread End Dimension	ANSI/ASME B1.20.1
Inspection & Testing	API 598



3/8" - 2"



BILL OF MATERIAL

NO	NAME OF PART	MATERIAL
1	BOLT	ASTM A193 B7
2	COVER	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321
3	GASKET	GRAPHITE
4	DISC	ASTM A276 420
5	SEAT	INTEGRAL+HF
6	BODY	ASTM A105 - Also available in F5, F11, F304, F316, F51, F53, F347, and F321

DIMENSIONS OF SOCKET WELD ENDS

VALVE SIZE	nps	.375	.5	.75	1	1.25	1.5	2	VALVE SIZE	nps	.375	.5	.75	1	1.25	1.5	2	D	L1	A	H2
D	in	.39	.51	.71	.94	1.14	1.44	1.83	L1	in	.38	.38	.5	.5	.5	.5	.63	D	L1	A	H2
	mm	10	13	18	24	29	36.5	46.5		mm	9.6	9.6	12.7	12.7	12.7	12.7	15.9				
D1	in	1.34	1.34	1.57	1.89	2.52	2.52	3.07	A	in	3.11	3.62	4.37	4.72	5.98	6.77	7.87	D1	A	H2	
	mm	34	34	40	48	64	64	78		mm	79	92	111	120	120	172	200				
D2	in	.69	.86	1.07	1.33	1.68	1.92	2.41	H2	in	6.22	6.46	7.64	8.70	9.61	11.10	12.99	D2	H2		
	mm	17.6	21.8	27.1	33.8	42.6	48.7	61.1		mm	158	164	194	221	244	282	330				