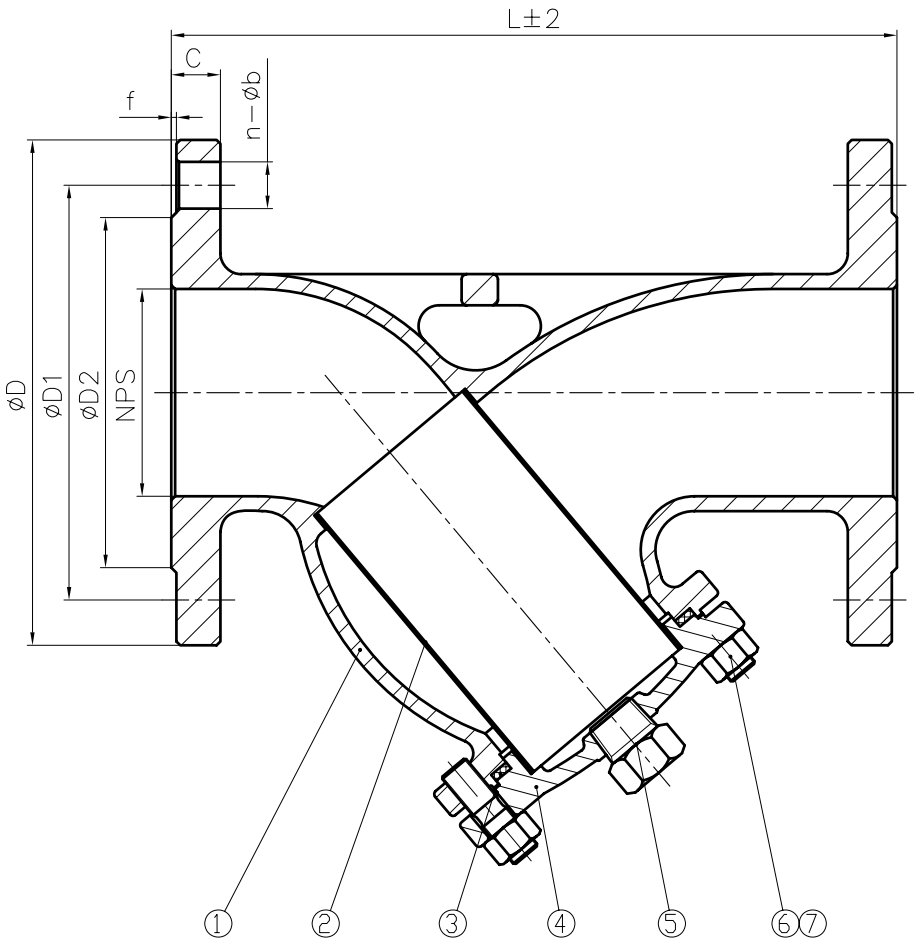
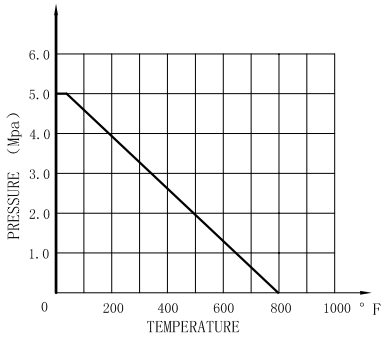


NPS	L	D	D1	D2	C	f	n-φb	Weight(lb)
½″	5.118	3.543	2.374	1.374	0.394	0.063	4-φ0.630	5.512
¾″	5.512	3.937	2.752	1.698	0.433	0.063	4-φ0.630	6.614
1″	5.906	4.331	3.126	2.000	0.472	0.063	4-φ0.630	7.716
1 ¼″	6.693	4.528	3.500	2.500	0.512	0.063	4-φ0.630	11.023
1 ½″	7.874	4.921	3.874	2.874	0.591	0.063	4-φ0.630	14.330
2″	8.661	5.906	4.752	3.626	0.630	0.063	4-φ0.748	16.535
2 ½″	9.921	7.087	5.500	4.126	0.709	0.063	4-φ0.748	25.353
3″	11.024	7.480	6.000	5.000	0.748	0.063	4-φ0.748	29.762
4″	12.598	9.055	7.500	6.189	0.945	0.063	8-φ0.748	47.399
5″	13.780	10.039	8.500	7.311	0.945	0.063	8-φ0.866	46.218
6″	15.748	11.024	9.500	8.500	1.024	0.063	8-φ0.866	68.343
8″	19.094	13.583	11.752	10.626	1.142	0.063	8-φ0.866	141.096

NOTE:
1. Design and Manufacture for valve according to ANSI B16.34-2009.
2. End flange dimensions for valve according to ASME B16.5-2009.
3. Inspection and Test for valve according to API 598-2009.

Nominal pressure				150LB			
Test pressure	Shell test	3.0	MPa	test medium	water	Test temperature	normal temperature
	Gas seal test	0.6			air		
Applicable medium	water,oil,gas						
Applicable temperature	-20~797°F						



NO.	DESCRIPTION	Q'TY	MATERIAL
7	NUT	–	A194 2H
6	STUD	–	A193 B8
5	PLUG	1	A351 CF8
4	BONNET	1	A216 WCB
3	GASKET	1	SS304+Graphite
2	BASKET	1	SS304
1	BODY	1	A216 WCB

MARK	BEFORE MODIFIED	AFTER MODIFIED	DATE
DRA.		APP.	
CHK.		DATE	

DISCOUNT VALVES

Flanged Y-Strainer
150LB, WCB

SCALE

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