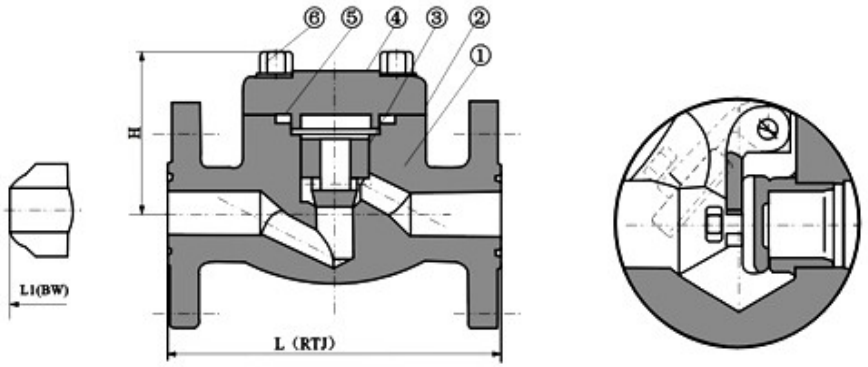
150-1500lbs Check Valve



Standard:

Design & Manufacture: API 602, BS 5352, ANSI/ASME B16.34
Test & Inspect: API 598
Marking: MSS-SP-25
Face to Face: ANSI/ASME B 16.10
Flanges End: ANSI/ASME B16.5
Butt Welded Ends: ANSI/ASME B16.25

Construction Features:

Full Port
Integral Body Flanges
Bolted Bonnet With Spiral-wound Gasket,
Threaded and Seal Welded Bonnet or Threaded and Pressure Seal Bonnet
Integral Backseat
RTJ Body Bonnet Gasket Ring Joint Type

Material List

NO	Part Name	CS to ASTM	AS to ASTM	SS to ASTM		NO	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		A105	F22	F304(L)	F316(L)			A105	F22	F304(L)	F316(L)
1	Body	A105	A182 F22	A182F304(L)	A182F316(L)	6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
2	Piston Disc	A276 410	A276 304	A276 304(L)	A276 316(L)	7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
3	Gasket	Corrugated SS+Graphite		316+PTFE							
4	Bonnet	A105	A182 F22	A182 F304L	A182 F316(L)		Suitable Medium	W.O.G. etc	W.O.G. etc	HNO3, CH3OOH etc	
5	Nameplate	SS					Suitable Temp.	—29℃～425 ℃	—29℃～550 ℃	—29℃～180℃	

Note: Other materials are avaiable upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel

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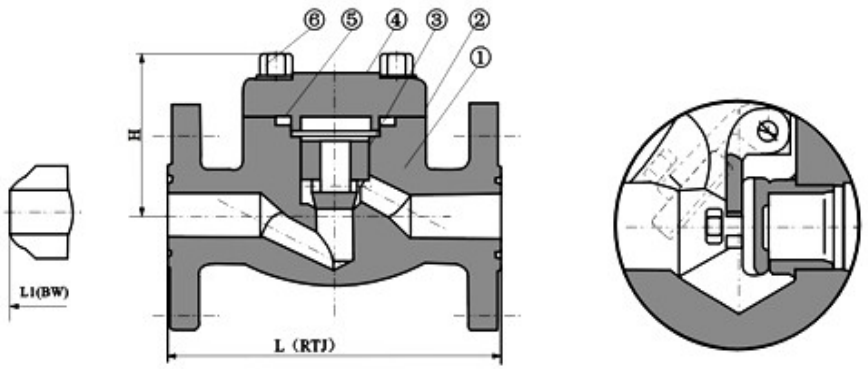

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Dimensions & Weight

NPS			mm(in)	1/2"	3/4"	1"	11/4"	11/2"	2"
L(RF) L1(BW)	150		mm	108	117	127	140	165	203
	300		mm	152	178	203	216	229	267
	600		mm	165	190	216	229	241	292
	900-1500		mm	216	229	254	279	305	368
H(Open)	150, 300		mm	61	61	79	95	103	118
	600		mm	61	79	95	103	118	135
	900-1500		mm	79	79	95	104	120	139
Weight	150	RF	Kg	2.6	3.4	4.4	8.2	8.9	12.6
		BW	Kg	1.7	1.9	2.1	5.1	5.5	7.9
	300	RF	Kg	2.7	3.7	4.7	8.8	9.6	13.7
		BW	Kg	1.9	2.1	3.0	5.1	6.6	7.9
	600	RF	Kg	3.0	4.0	5.8	9.5	10.1	15.6
		BW	Kg	2.0	3.1	4.2	7.3	8.6	13.6
	900-1500	RTJ	Kg	8.5	10.5	15.7	20.8	27.2	33.0
		BW	Kg	6.4	8.0	13.2	17.8	24.2	29.7