

FORGED STEEL CHECK VALVE

Class 800, Trim API No.5, 1/2"-2"



CONSTRUCTION IS AS FOLLOWS:

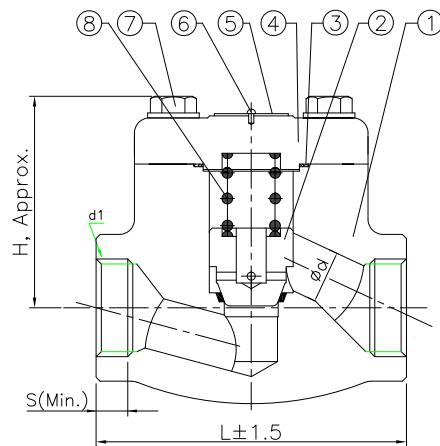
- Conventional Port (Full Port also available)
- Piston Check
- Spring available on request
- Bolted bonnet with spiral-wound gasket
- Integral backseat
- Socket weld Ends to ANSI/ASME B16.11
- Screwed Ends (NPT) to ANSI/ASME B1.20.1

DESIGN CONSTRUCTION & SPECIFICATIONS

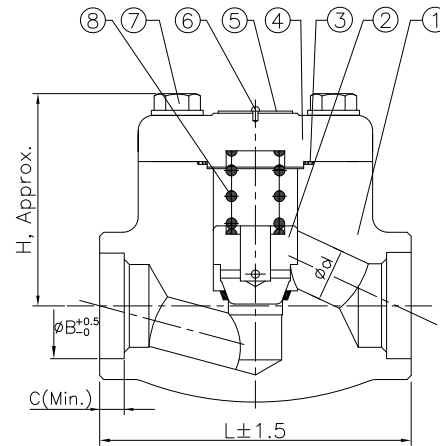
Forged steel check valves conform to MSS SP-118 and BS5352 ANSI/ASME B16.34 Each are tested according to API 598 and marking is per MSS SP-25

Standard Material Specifications

No.	Part Name	Materials			
			4	Bonnet	A105N
1	Body	A105N	5	Nameplate	SS 304
	Seat ring	HF(#6) Integral With Body	6	Rivet	CU
2	Disc	A182-F6a HF No.6	7	Bolt	A193-B7M
3	Gasket	SPW 304+Graphite	8	Spring	SS 304



NPT-F (ASME B 1.20.1)



Socket Weld (ASME B16.11)

Dimensions (mm)

NPS (inch)	NPT-F (ASME B 1.20.1)					Socket Weld (ASME B16.11)				
	H	L	Ød	d1	S	H	L	Ød	ØB	C
1/2"	61	79	9.5	1/2 NPT	13.6	61	79	9.5	21.8	10
3/4"	61	92	12.5	3/4 NPT	14	61	92	12.5	27.2	13
1"	79	111	17.5	1 NPT	17.4	79	111	17.5	33.9	13
1-1/4"	81	120	23	1-1/4 NPT	18	81	120	23	42.7	13
1-1/2"	82	140	28.5	1-1/2 NPT	18.4	82	140	28.5	48.8	13
2"	99	172	36.5	2 NPT	19.2	99	172	36.5	61.2	16