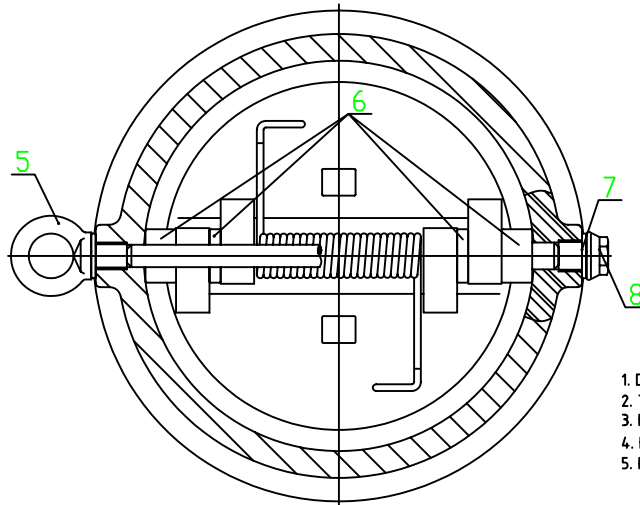
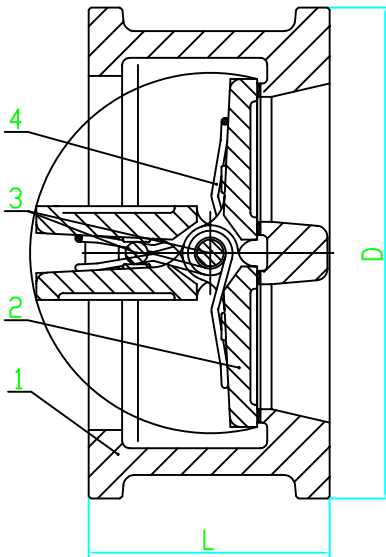


CLASS		150	
Test Pre- ssure	Shell Test	450/1125	psi
	Seal Test	325/825	
	Air Test	//	
SuitableTemp		-20°F--7800°F	
Suitable Media		W.O.. etc.	



Technical Requirements

1. Design & manufacture conform to API 594.
2. Test & Inspect conform to API 598
3. Face to Face dimension conforms to API 594
4. Flange dimension conforms to ANSI B16.5.
5. Pressure-Temperature conforms to ANSI B 16.34

150LB

in	L	D
2	2.36	4.00
3	2.87	5.31
4	2.87	6.81
6	3.86	8.66
8	5.00	10.90

8	Retainer	ASTM A193 B7
7	Gasket	Tough pitch copper
6	Gasket	ASTM A182 F316
5	Lifting Eye	ASTM A29 1025
4	Spring	ASTM A182 F316
3	Stop Pin	ASTM A182 F316
2	disc	ASTM A351 CF8M
1	Body	ASTM A216 WCB+SS316
Item	Part Name	Material

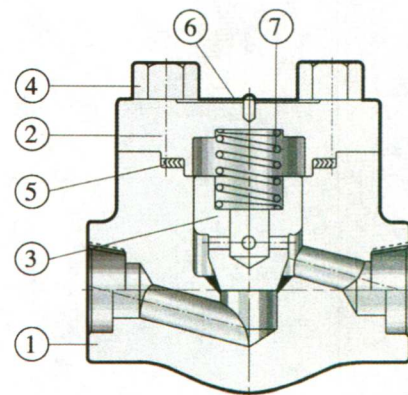
STEAMCO

FIG#WD150CSW1

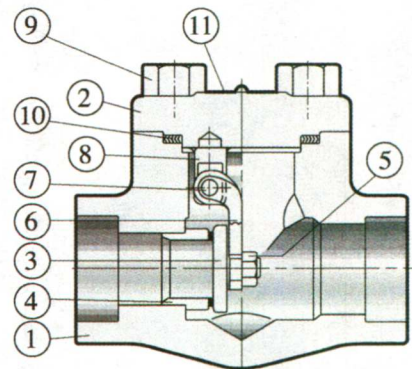
Steamco Forged Steel Check Valve Material Options

Standard Material Specifications		Piston Check with Spring									
Part No.	Part Name	Specifications									
		Carbon Steel		Alloy Steel				Stainless Steel			
		A 105	A350	A182							
	(b, c)	LF2	F5	F11(d)	F22	F304(e)	F304L	F316(e)	F316L	F51	
1	Body	A 105	LF2	F5	F11	F22	F304	F304L	F316	F316L	F51
2	Cover	A 105	LF2	F5	F11	F22	F304	F304L	F316	F316L	F51
3	Disc	A276 - 420					304+ STL	304L+ STL	316+ STL	316L+ STL	F51
4	Cover Bolt (a)	A193-B7	A320-L7	A193 - B16			A193 - B8		A193 - B8M		
5	Gasket	304 + Graphite					316 + Graphite				
6	Nameplate	Aluminum					304				
7	Spring	Stainless Steel									

Standard Material Specifications		Swing Check Valve									
Part No.	Part Name	ASTM Specifications									
		Carbon Steel		Alloy Steel				Stainless Steel			
		A 105	A350	A182							
	(b, c)	LF2	F5	F11(d)	F22	F304(e)	F304L	F316(e)	F316L	F51	
1	Body	A 105	LF2	F5	F11	F22	F304	F304L	F316	F316L	F51
2	Cover	A 105	LF2	F5	F11	F22	F304	F304L	F316	F316L	F51
3	Disc	A276 - 420					304+ STL	304L+ STL	316+ STL	316L+ STL	F51
4	Seat Ring	A276-410 + STL					304+ STL	304L+ STL	316+ STL	316L+ STL	F51
5	Retaining Nut	A194 - 2H					A194 - B8				
6	Hing	A276 - CA40					A351 - CF8M				
7	Hing Pin	A276 - 410					A276 - 304				
8	Supporter	A276 - 304					A276 - 304		A276 - 316		
9	Cover Bolt (a)	A193-B7	A320-L7	A193 - B16			A193 - B8		A193 - B8M		
10	Gasket	304 + Graphite					316 + Graphite				
11	Nameplate	Aluminum					304				



Piston Check with Spring



Swing Check Valve

Notes:

- Temperature limitations on bolting are as following: Gr B7, 1000°F(538°C); Gr L7, 1000°F(538°C); Gr B16, 1100°F(595°C); Gr B8-CL1, 1500°F(816°C); Gr B8M-CL1, 1500°F(816°C); Gr B8-CL2, 1000°F(538°C); and Gr B8M-CL2, 1000°F(538°C).
- Upon prolonged exposure to temperatures above 800°F(425°C), the carbide phase of carbon steel may be converted to graphite.
- Only killed steel shall be used above 850°F(455°C).
- Use normalized and tempered material only.
- At temperatures over 1000°F(538°C), use only when the carbon is 0.04 percent or higher.