

Fig No:SF-150 2"~36" DN50~DN900

Features:

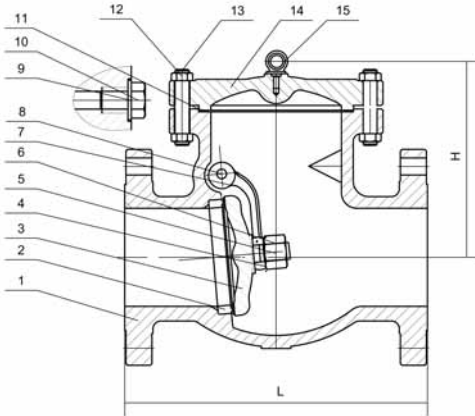
- Swing type design
- Bolted Bonnet
- Body and Bonnet joint accurately machined, Full enclosed gasket
- Disc-Robust one-piece construction to withstand the severe shock of check valve service
- Disc assembly-All parts are accessible from top for easy servicing
- Seat face stellite, ground and lapped to a mirror finish

Sample Castings:

- Before castings are released for production, the Modentic NDE inspector level, evaluates and approves the submitted x-ray films (100% coverage) as per ASME B16.34 acceptance standard
- Improves the internal integrity of castings (RT level 2 or better) at pattern approval

Standard compliance:

- Valve design according to API 600, BS 1868
- Shell wall Thickness according to API 600, BS 1868 class 150
- Pressure-temperature rating according to ASME/ANSI B16.34
- Material according to ASTM
- Face to Face according to ASME/ANSI B16.10 class 150 RF
- End to end according to ASME/ANSI B16.10 class 150 BW
- Flanged dimension according to ASME/ANSI B16.5 class 150 RF, Finish 125-250 AARH
- Butt weld dimension according to ASME/ANSI B16.25
- Pressure testing according to API 598



DIMENSIONS unit:mm

SIZE	L	H
2"	203	151
2.5"	216	175
3"	241	173
4"	292	204
6"	356	252
8"	495	296
10"	622	391
12"	699	439
14"	787	478
16"	864	527
18"	978	584
20"	978	627
22"	1067	630
24"	1295	743
26"	1295	690
28"	1448	750
30"	1524	810
32"	1594	845
36"	1956	870

MATERIAL LIST

NO	Part Name	Material
1	Body	ASTM A216 GR.WCB
2	Seat Ring	ASTM A105+1HF Faced
3	Disc	ASTM A216 GR.WCB+13%Cr Faced
4	Disc Washer	STAINLESS STEEL
5	Pin	ASTM A276 Type 410
6	Disc Nut	ASTM A276 Type 410
7	Hinge	ASTM A216 GR.WCB
8	Hinge Pin	ASTM A276 Type 410
9	Spring Washer	CARBON STEEL
10	Plug	A276-410
11	Gasket	304-Graphite, Spiral Wound
12	Cover Bolt	ASTM A193 GR.B7
13	Cover Bolt Nut	ASTM A194 GR.2H
14	Cover	ASTM A216 GR.WCB
15	Lifting Ring	CARBON STEEL

Other Materials Also Available On Requested