

Fig No:SF-900 2"~24"
DN50~DN600

Features:

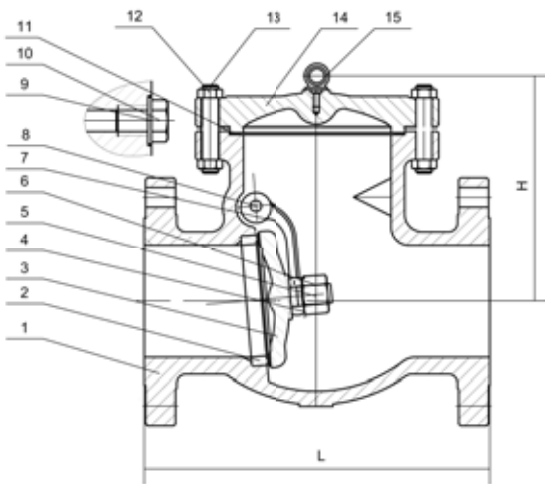
- Swing type design
- Bolted Bonnet
- Body and Bonnet joint accurately machined, Full enclosed gasket
- Disc-Robust one-piece construction to withstand the severe shock of check valve service
- Disc assembly-All parts are accessible from top for easy servicing
- Seat face stellite, ground and lapped 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
- Pressure-temperature rating according to ASME/ANSI B16.34
- Material according to ASTM
- End to end according to ASME/ANSI B16.10
- Flanged dimension according to ASME/ANSI B16.5 class 900 RF, Finish 125-250 AARH
- Butt weld dimension according to ASME/ANSI B16.25
- Pressure testing according to API 598



DIMENSIONS unit:mm

SIZE	DN	H
2"	368	240
2.5"	419	260
3"	381	275
4"	457	320
6"	610	439
8"	737	530
10"	838	563
12"	965	590
14"	1029	630
16"	1130	700
18"	1219	782
20"	1321	870
24"	1549	1030

MATERIAL LIST

NO	Part Name	Material
1	Body	ASTM A216 GR.WCB
2	Seat Ring	ASTM A105+1HF Faced
3	Disc Washer	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 A182 F6
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