

**Fig No:SF-600 2"~36"**  
**DN50~DN900**

**Features:**

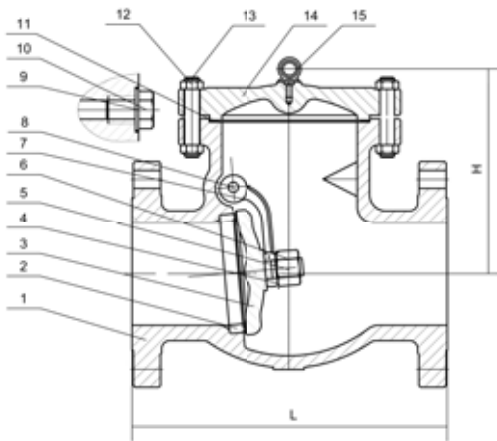
- Swing type design
- Bolted Bonnet
- Body and Bonnet joint accurately machined, Full enclosed gasket
- Disc-Robust one-piece construction to withstand the severe shock of check valve service
- Disc assembly-All parts are accessible from top for easy servicing
- Seat face stellite, ground and lapped 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 600
- Pressure-temperature rating according to ASME/ANSI B16.34
- Material according to ASTM
- Face to Face according to ASME/ANSI B16.10 class 600 RF
- End to end according to ASME/ANSI B16.10 class 600 BW
- Flanged dimension according to ASME/ANSI B16.5 class 600 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"	292	184
2.5"	330	230
3"	356	232
4"	432	263
6"	559	365
8"	660	420
10"	787	505
12"	838	545
14"	889	600
16"	991	622
18"	1092	752
20"	1194	796
22"	1295	897
24"	1397	960
26"	1448	1025
28"	1600	1092
30"	1651	1122
32"	1778	1229
36"	2083	1365

**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 Wash	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