

## SWING CHECK VALVE

Valves are manufactured and tested in accordance with BS 5153 PN 10/16/25, TIS.383 PN 6/10/16, MSS-SP 71 class 125/250 and also meet the requirements of AWWA C 508, generally recommended to prevent backflow with minimum resistance to flow, because of full water way design. Suitable for all types of water, air and steam.

**SIZE : 50 mm - 1000 mm**



**Fig.300** Resilient Seated C/W Non Accessory



**Fig.342** Resilient Seated C/W Dash-Pot and Lever Weight

### FEATURES

- Sizes are available from DN 50 to DN 1000, Both metal seated and resilient seated can be provided.
- Flanged ends from sizes DN 50 to DN 1000 and screwed ends from sizes DN 50 to DN 200
- Flanged drilling to suit ANSI B 16.1, BS 4504, BS 10, BS 4772, ISO 2531, AS 2129, DIN, JIS and etc.
- Special accessories like by-pass unit, lever and weight, lever and spring, micro switch, air cushioned and oil dash-pot are also available.

#### VALVE FIGURES NO.

Valve figure No. Can be Established by Start with Number 3, Follow by Valve Type and Accessories.

SIZE	SIZE	VALVE TYPE
50-300	350-1000	
0	4	= Resilient Seated
1	5	= Resilient Seated & By Pass
2	6	= Metal Seated
3	8	= Metal Seated & By Pass

ACCESSORIES
0 = Non Accessories
1 = Lever & Weight
2 = Dash Pot, Lever & Weight
3 = Dash Pot, Micro Switch, Lever & Weight
4 = Dash Pot, Protection Guard, Lever & Weight
5 = Dash Pot, Micro Switch, Protection Guard, Lever & Weight
6 = Micro Switch, Lever & Weight
7 = Micro Switch, Protection Guard, Lever & Weight
8 = Lever & Spring

## DESIGN SPECIFICATIONS

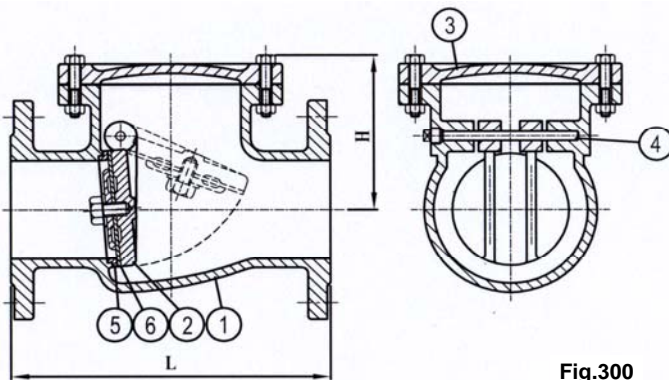


Fig.300

SIZE 50-300 mm

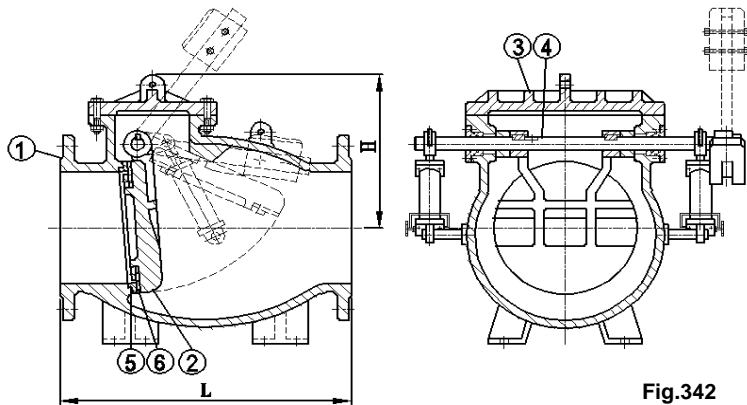


Fig.342

SIZE 350-1000 mm

SIZE DN	L (mm.)		H (mm.)	APPROX. WEIGHT(kg.)		
	PN 10/16	PN25		PN10	PN16	PN25
50	203	230	95	10	10	11
65	216	290	115	14	14	15
80	241	310	140	19	19	20
100	292	350	146	29	29	30
125	330	400	175	36	36	37
150	356	480	180	54	54	49
200	495	600	218	97	103	99
250	622	730	254	158	163	174
300	698	850	300	201	208	232
350	787	980	475	353	366	437
400	914	1100	500	550	566	642
450	965	1200	575	625	656	767
500	1067	1250	650	872	910	1038
600	1219	1450	733	1217	1304	1497
700	1448	1650	782	2320	2387	-
750	1448	1750	836	2840	2929	-
800	1680	1850	890	3212	3288	-
900	1919	2050	940	4230	4325	-
1000	2250	2250	990	5123	5262	-

NO.	PARTS NAME	MATERIAL	ASTM.DESIGNTION	BS.STANDARD
1	Body	Cast Iron	A 126 Class B	1452 Grade 220,250,300
2	Bonnet	Ductile Iron	A 536 Grade 65-45-12	420/12
3	Cover		A 536 Grade 80-55-6	2789 Grade 500/7
			A 395	600/3
4	Hinge Pin	High Tensile Bronze	B16 B21	2872 CZ 114
		Stainless Steel	A276 Type 304,316,431	970 Grade 304, 316, 431
		Aluminium Bronze	B 124 B 132 B 150	2872 CA 104
5	Body Seat Ring	Bronze	B 62	1400 LG.2
		Stainless Steel	A276 Type 304,316,431	970 Grade 304, 316, 431
		Aluminium Bronze	B 148 C95200	1400 AB.1
6	Disc Seat Ring	Bronze	B62	1400 LG.2
		Stainless Steel	A276 Type 304,316,431	970 Grade 304, 316, 431
		Rubber (NBR,EPDM)	D 2000	2494



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