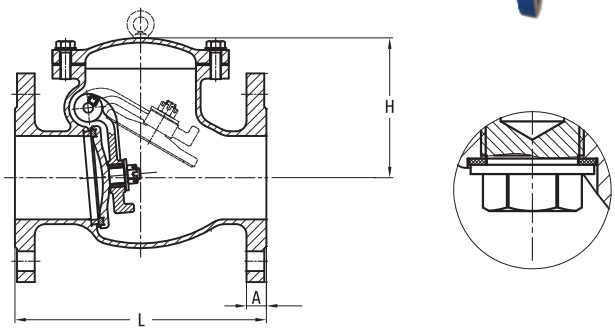
SWING CHECK VALVE

PN16 F53S16
PN25 F53S25

FEATURES & SPECIFICATIONS

- Bolted bonnet
- Durable fusion bonded epoxy coated
- Comply with BS 5153 / EN 12334 / MS SSP71
- Face to face dimension conforms to EN558-1 (Series 10)
- Flange drilled to BS 4504 PN16 / EN 1092-2 PN16 / BS 4504 PN25 / EN1092-2 PN25 / ANSI Class 150 (Specify on order)
- Applicable for Building Services, Air-Conditioning, Fire Protection, Cold Water Plumbing, Hot Water System, General Industries.





PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37.5bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-10°C ... 120°C	
Suitable Media	Water	

MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron (DN50...DN300) Cast Iron (DN350...DN600)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Seat	Gunmetal	BS1400 LG2
Disc	Ductile Iron (DN50...DN300) Cast Iron (DN350...DN600)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Disc Ring	Gunmetal	BS1400 LG2
Hinge	Ductile Iron	BS EN1563 EN-GJS-450-10
Bushing	Brass	BS 2874 CZ121
Washer & Nut	Stainless Steel 304	EN 10088-1 1.4301
Split Pin	Stainless Steel 304	EN 10088-1 1.4301

Part	Material	Specification
Body Gasket	Graphite+SUS304	EN 10088-1 1.4301
Bonnet	Ductile Iron (DN50...DN300) Cast Iron (DN350...DN600)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Washer & Bolt	Carbon Steel	BS970 Part1 080A15
Stem	Stainless Steel 420	BS970 420S29
Plug	Stainless Steel 304	EN 10088-1 1.4301
Screw	Stainless Steel 304	EN 10088-1 1.4301
Gasket	EPDM	Commercial
O-Ring	EPDM	Commercial
Lifting Eye	Carbon Steel (DN150...DN300)	BS970 Part1 080A15

DIMENSIONS

(mm)

(mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
(inch)	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
L	203	216	241	292	330	356	495	622	698	787.4	914	914	1016	1219
H	123	133	134	162	188	264	304	360	379	560	589	645	702	812
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
Ød	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø19	8-Ø23	12-Ø23	12-Ø28	12-Ø28	16-Ø28	16-Ø31	20-Ø31	20-Ø34	20-Ø37
A	19	19	19	19	19	19	20	22	24.5	36	38	40	42	48

Note : PN25 only available for size DN50 ... DN300.

Fivalco reserves the right to alter the information in this document without prior notice. Fivalco shall not be liable for technical errors or omissions contained herein.
Images are for illustrative purposes only. Refer to local sales representatives for detail catalogues, technical data and specifications.