

LSC

Groove Ends & Flange Ends Swing Check Valves

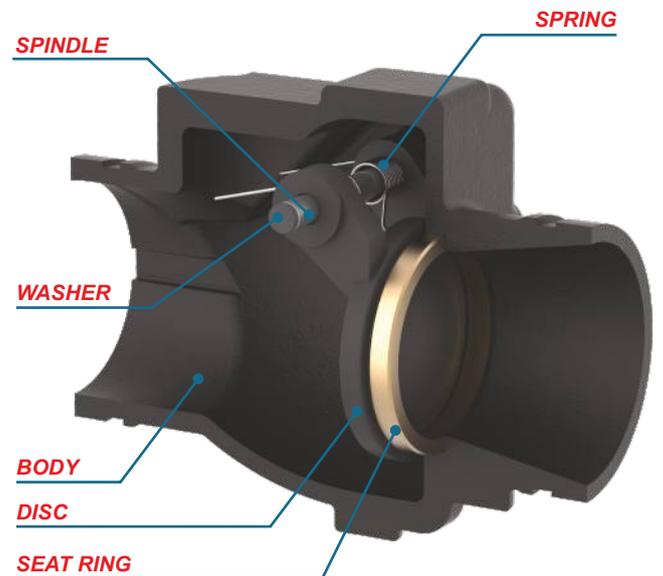


MAIN FEATURES

- We design Swing Check Valves mainly to prevent back-flow in the pipeline.
- The valve automatically opens by the pressure of flowing liquid & it shuts down fully as the pressure reaches zero.
- No external power source required as these valves are guided by direction of fluid flow.
- Allows flow of liquid in only one direction.
- Pressure Drop & Turbulence in these valves are very low.
- We provide Drain plugs for draining the valve during maintenance.
- These Valves can be installed horizontally as well as vertically.
- We provide Fusion Bonded Epoxy Coating to all our valves for better corrosion protection which gives long lasting life.
- We provide Grooved Ends as per the following standard:
 - i. AWWA C606 Standard



Test Pressure (Hydrostatic Shell) : 20.5 bar (300 psi).
 Maximum Working Pressure : 17 bar (250 psi).
 Maximum Working Temperature: 50°C (122°F)



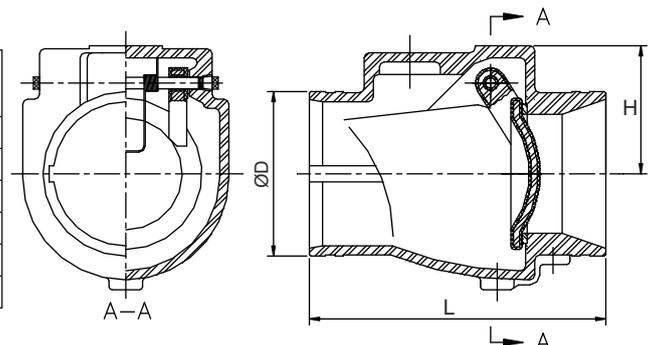
MATERIAL SPECIFICATIONS

Part Name	Material	Specification
Main Body	Ductile Iron	Grade 65-45-12
Disc	Ductile Iron and Rubber Encapsulated	Grade 65-45-12 + EPDM Rubber
Seat Ring	Bronze	B62 C83600
Spring	Stainless Steel	AISI 316
Spindle	Stainless Steel	AISI 304
Washer	Rubber	EPDM
Plug	Stainless Steel	AISI 304

SIZE / DIMENSIONS

Model	Size mm	Size Inch	ØD		L	H
LSC25G	65	2-1/2"	73.0	76.1	202	75
LSC30G	80	3"	88.9		212	77
LSC40G	100	4"	114.3		246	103
LSC60G	150	6"	165.1	168.3	291	113
LSC80G	200	8"	219.1		357	161
LSC100G	250	10"	273.0		433	196

Note: All Dimensions are in mm unless mentioned otherwise.



MAIN FEATURES

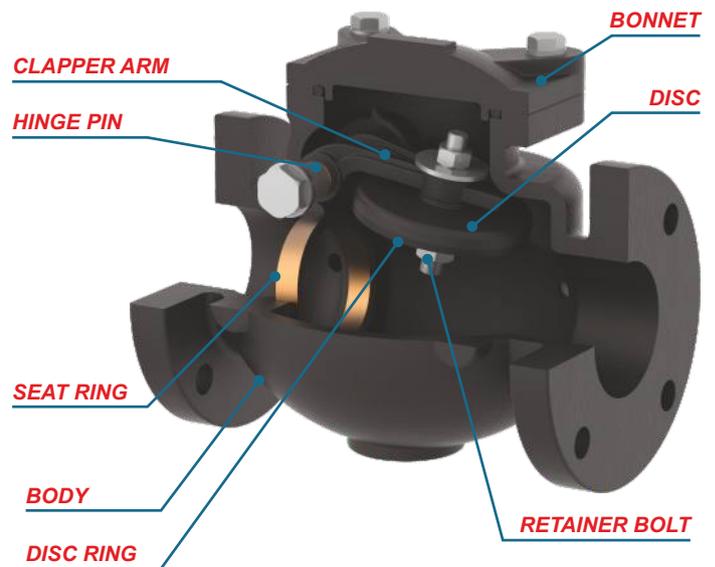
- We design Swing Check Valves mainly to prevent back-flow in the pipeline.
- The valve automatically opens by the pressure of flowing liquid & it shuts down fully as the pressure reaches zero.
- No external power source required as these valves are guided by direction of fluid flow.
- Allows flow of liquid in only one direction.
- Pressure Drop & Turbulence in these valves are very low.
- We provide Drain plugs for draining the valve for maintenance purpose.
- These Valves can be installed horizontally as well as vertically.
- We provide Fusion Bonded Epoxy Coating to all our valves for better corrosion protection which gives long lasting life.
- We provide Flanged Ends as per the following standard:
 - i.PN10
 - ii.PN16
 - iii.ANSI BS 16.1 Class 125



Test Pressure (Hydrostatic Shell) : 20.5 bar (300 psi).
 Maximum Working Pressure : 17 bar (250 psi).
 Maximum Working Temperature: 50°C (122°F)

MATERIAL SPECIFICATIONS

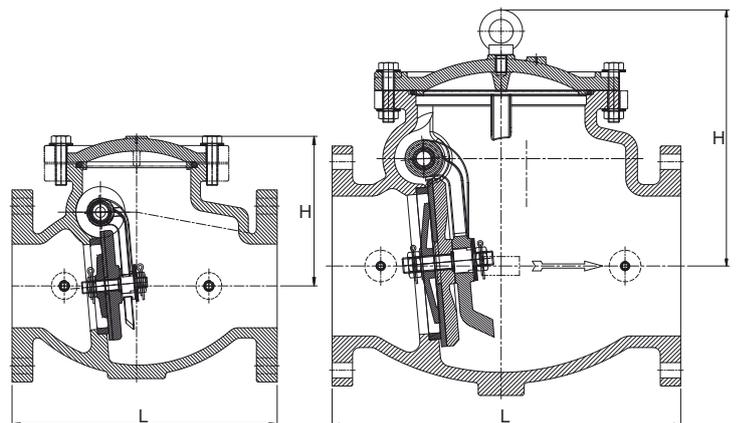
Part Name	Material	Specification
Body	Ductile Iron	Grade 65-45-12
Disc	Ductile Iron	Grade 65-45-12
Disc Ring	Rubber	EPDM
Disc Ring Retainer	Bronze	B62 C83600
Seat Ring	Bronze	B62 C83600
Retainer Bolt	Stainless Steel	AISI 304
Bonnet	Ductile Iron	Grade 65-45-12
Gasket	Rubber	EPDM
Hinge Pin	Stainless Steel	AISI 304
Clapper Arm	Ductile Iron	Grade 65-45-12
NPT Plug	Stainless Steel	AISI 304
Pin Plug	Stainless Steel	AISI 304
EYE bolt	Carbon Steel	M.S. Zinc Plated
Bolt & Nut	Carbon Steel	M.S. Zinc Plated



SIZE / DIMENSIONS

Model	Size mm	Size Inch	L	H
LSC20F	50	2	202	137
LSC25F	65	2 1/2	255	147
LSC30F	80	3	280	156
LSC40F	100	4	331	178
LSC60F	150	6	407	315
LSC80F	200	8	495	367
LSC10F	250	10	560	412

Note: All Dimensions are in mm unless mentioned otherwise.



Size : 2" to 4"

Size : 6" to 10"

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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ISO 9001



ISO 14001

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