



**ACME**  
FLUID SYSTEMS



AN ISO 9001:2008



**Swing  
Check Valves**



**Wafer  
Check Valves**

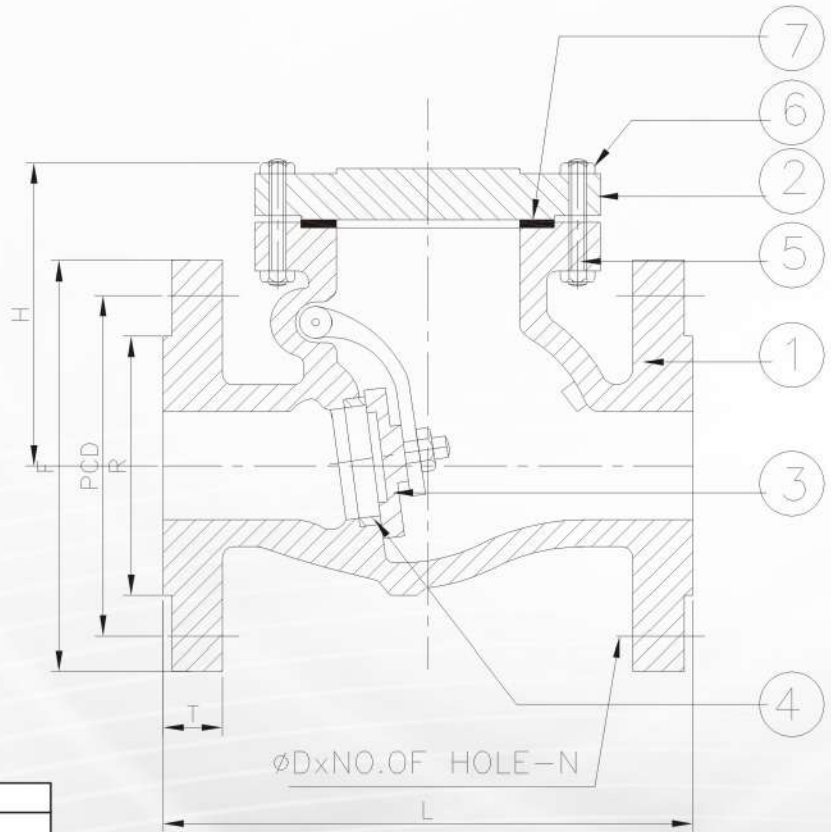
**Lift  
Check Valves**



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# CHECK VALVES



## SWING CHECK VALVE

<b>Design Standard</b>	API 6D/ BS 1868
<b>Features</b>	Bolted Cover, Swing Type Disc
<b>Testing Standard</b>	API 598
<b>Pressure Rating</b>	150# to 1500#
<b>Size</b>	½" to 24" Flanged ends/Butt weld ends
<b>MOC</b>	Carbon Steel/ Stainless Steel or Alloy Steel
<b>Operation</b>	Auto

No.	Part Name	Cast Iron	Cast Steel	SS 304	SS 316	Alloy 20
1	Body	IS 210 Fig 200	ASTM A 216 Gr. WCB	ASTM A 351 Gr. CF 8M	ASTM A 351 Gr. CF 8M	ASTM A 351 Gr. CN 7M
2	Bonnet	"	"	"	"	"
3	Disc	13% Cr. SS	13% Cr. SS	SS 304	SS 316	"
4	Seat	"	"	Integral with Body		
5	Stud	EN 9	193-B7	AISI-304	AISI-304	AISI-304
6	Nut	EN 8	194-2H	"	"	"
7	Gasket	SS 304 SPW with Graph Oil Filler				

Size NB	L	H	F	R	T	PCD	ØD x N
50	203	150	152	92	16	121	19 x 4
65	216	175	178	105	17	140	19 x 4
80	242	185	191	127	19	152	19 x 4
100	292	225	229	157	24	191	19 x 8
125	356	250	254	186	24	216	22 x 8
150	407	270	279	216	25	241	22 x 8
200	495	325	343	270	29	298	22 x 8

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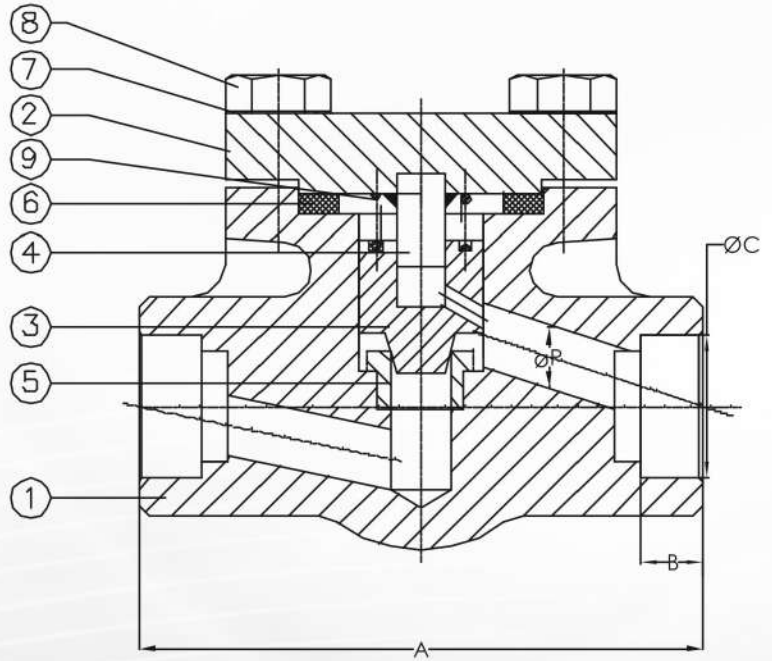


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# CHECK VALVES



## LIFT CHECK VALVE

<b>Design Standard</b>	BS 5352
<b>Features</b>	Bolted Bonnet/Cover, Integral Conical Backseat, T' Head Stem
<b>Testing Standard</b>	API 598
<b>Pressure Rating</b>	800# to 1500#
<b>Size</b>	½" to 2" Threaded End/Socket Weld End/Butt Weld End
<b>MOC</b>	Forged Carbon Steel, Stainless Steel or Alloy Steel
<b>Operation</b>	Auto

TEST DETAILS	STANDARD
Hyd. Pressure Test :	Ends : Screwed as per BSP (F)
Body : 211 kg/cm <sup>2</sup>	Mfg. Std. : API BS 5352
Sear & Back Seat : 156kg/cm <sup>2</sup>	Insp. Std. : API 598
Air Seat : 7kg/cm <sup>2</sup>	

No.	Part Name	Material	Qty.
1	Body	ASTM A 105/F304L/F316L	1
2	Cover	ASTM A 105/F304L/F316L	1
3	Plug	AISI 410/304L/316L	1
4	Guide Pin	AISI 410/304L/316L	1
5	Seat Ring	AISI 410/304L/316L	1
6	Gasket	SS 316 with Graphoil	1
7	Spring Washer	Spring Steel	4
8	Bolt	ASTM A 193 Gr. B7/B8	4
9	Spring	Spring Steel	1
10	Name Plate	Alluminium	1

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