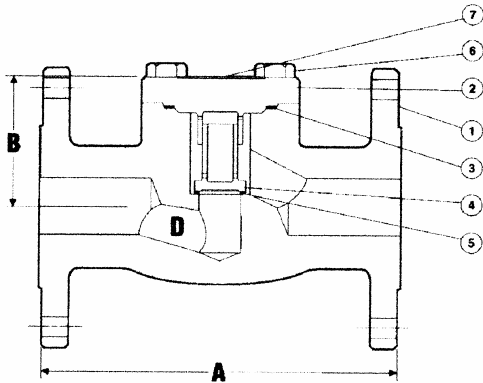


GLT Forged Steel Check Valve Class 150/300/600

Figure Number:

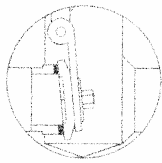
Piston	Swing	
31A2F1	32A2F1	- Class 150, Regular Port, Flanged Ends
31A2F3	32A2F3	- Class 300, Regular Port, Flanged Ends
31A2F6	32A2F6	- Class 600, Regular Port, Flanged Ends

- API Standard 602
- Forged Steel Piston Check Valve
- Forged Steel Swing Check Valve
- Bolted Cap
- ANSI B16.5 Flange Ends



Standard Material of Parts

No.	Parts	ASTM Materials Specs.		
1	Body	A105	A182-F304	A182-F316
2	Cap	A105	A182-F304	A182-F316
3	Gasket	304+Graphite	316+Graphite	
4	Disc	A276-420	A276-304+STL	A276-316+STL
5	Seat Ring	A276-410+STL	A276-304+STL	A276-316+STL
6	Cap Bolt	A193-B7	A193-B8	A193-B8M
7	Nameplate	Aluminum		
8	Hinge	A743-CA40	A351-CF8M	
9	Hinge Pin	A276-410	A276-304	



SWING

REGULAR PORT Dimensions

Size	In	1/2"	3/4"	1"	1¼"	1½"	2"
	mm	15	20	25	32	40	50
Face to Face (A) - 150#	mm	108	117	127	140	165	203
Face to Face (A) - 300#	mm	152	178	203	216	229	267
Face to Face (A) - 600#	mm	165	190	216	229	241	292
Valve Open Height (B)	mm	61	61	78	84	103	118
Seat Port Diameter (D)	Piston	mm	13	17	23	30	46.5
	Swing	mm	13.6	18	24	29	46.5
Weight - 150#	kg	2.6	3.4	4.4	8.8	9.0	12.6
Weight - 300#	kg	2.7	3.7	4.7	8.8	9.6	13.7
Weight - 600#	kg	3.0	4.0	5.8	9.5	10.0	15.6

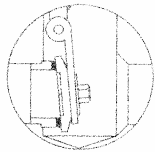
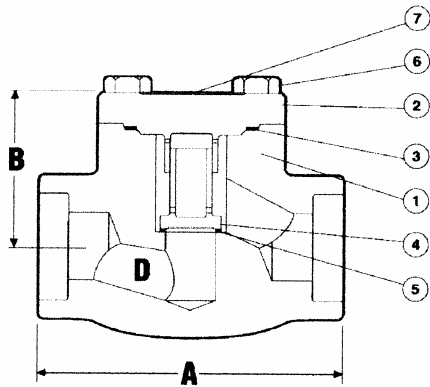
- Valves come in standard ASTM material specifications.
- Other body, cap, and trim materials available upon request.

GLT Forged Steel Check Valve Class 800

Figure Number:

Piston		Swing		
31A1F8 - T	32A1F8 - T	-	-	Full Port, Screwed Ends
31A1F8 - W	32A1F8 - W	-	-	Full Port, Socketweld Ends
31A2F8 - T	32A2F8 - T	-	-	Regular Port, Screwed Ends
31A2F8 - W	32A2F8 - W	-	-	Regular Port, Socketweld Ends

- API Standard 602
- Forged Steel Piston Check Valve
- Forged Steel Swing Check Valve
- Bolted Cap



SWING

Standard Material of Parts

No.	Parts	ASTM Materials Specs.		
1	Body	A105	A182-F304	A182-F316
2	Cap	A105	A182-F304	A182-F316
3	Gasket	304+Graphite	316+Graphite	
4	Disc	A276-420	A276-304+STL	A276-316+STL
5	Seat Ring	A276-410+STL	A276-304+STL	A276-316+STL
6	Cap Bolt	A193-B7	A193-B8	A193-B8M
7	Nameplate	Aluminum		
8	Hinge	A743-CA40	A351-CF8M	
9	Hinge Pin	A276-410	A276-304	

PISTON CHECK VALVE Dimensions

Size	Regular Port	mm	8	10	15	20	25	32	40	50	-
	Full Port	(ln)	(1/4")	(3/8")	(1/2")	(3/4")	(1")	(1 1/4")	(1 1/2")	(2")	-
		(ln)	-	-	10	15	20	25	32	40	50
		(ln)	-	-	(3/8")	(1/2")	(3/4")	(1")	(1 1/4")	(1 1/2")	(2")
End to End (A)		mm	79	79	79	92	111	120	152	172	200
Valve Height (B)		mm	61	61	61	61	78	84	103	118	132
Seat Port Diameter (D)		mm	7	7	10	13	17	23	30	37	46.5
Weight		kg	1.5	1.4	1.2	1.4	2.3	3.9	5.6	8.9	12.5

SWING CHECK VALVE Dimensions

Size	Regular Port	mm	8	10	15	20	25	32	40	50	-
	Full Port	(ln)	(1/4")	(3/8")	(1/2")	(3/4")	(1")	(1 1/4")	(1 1/2")	(2")	-
		(ln)	-	-	10	15	20	25	32	40	50
		(ln)	-	-	(3/8")	(1/2")	(3/4")	(1")	(1 1/4")	(1 1/2")	(2")
End to End (A)		mm	79	79	79	92	111	120	120	140	170
Valve Height (B)		mm	61	61	61	61	78	84	101	120	133
Seat Port Diameter (D)		mm	7	7	10	13.6	18	24	29	36.8	46.5
Weight		kg	1.3	1.2	1	1.1	1.9	3.4	4.5	7.3	9.8

- Valves come in standard ASTM material specifications.
- Other body, cap, and trim materials available upon request.