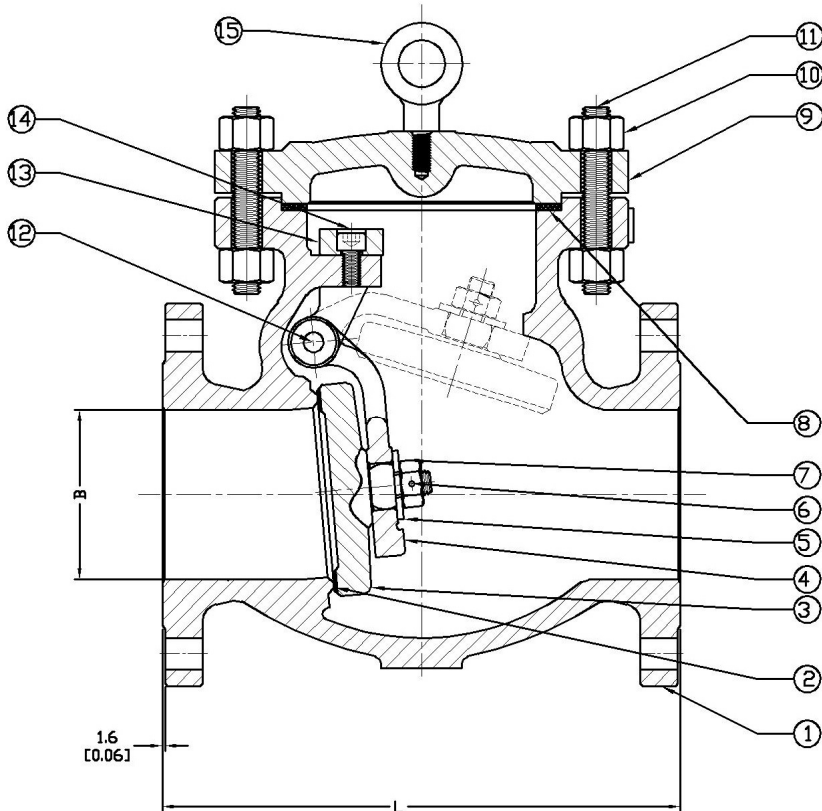


Swing Check Valve Class 150



Standards:

Face to Face Dimensions: ANSI B16.10
 End Flange Dimensions: ANSI B16.5
 Basic Design: ASME B16.34
 Test Standard: API 598

MATERIAL LIST

NO.	Part Name	ASTM Specification (Specs – Grades/Types)	
		A351	A351
		CF8 (304)	CF8M (316)
1	Body	A351-CF8	A351-CF8M
2	Seat-Integral	A351-CF8	A351-CF8M
3	Disc	A182-F304	A182-F316
4	Swing Arm	A351-CF8	A351-CF8M
5	Washer	A276-316	A276-316
6	Pin	A276-316	A276-316
7	Hex Nut	A194-8	A194-8
8	Gasket	304/Graphite	316/Graphite
9	Cover	A351-CF8	A351-CF8M
10	Body Nut	A194-8A	A194-8A
11	Body Stud	A193-B8M	A193-B8M
12	Hinge Pin	A193-B8M	A193-B8M
13	Hinge Plate	A351-CF8	A351-CF8M
14	Bolt	A194-8A	A194-8A
15	Lifting Eye (6" and larger)	Carbon Steel	Carbon Steel

NOTE: Seat rings on valves less than 2 NPS are swedged into the valve body.
 12" valves features an external access hinge pin.

DIMENSIONS AND WEIGHTS

Size	NPS	1/2	3/4	1	1-1/2	2	2-1/2	3	4	5	6	8	10	12
L (RF)	In	4.25	4.60	5.00	6.50	8.00	8.50	9.50	11.50	13.00	14.00	19.50	24.50	27.50
	Mm	108	117	127	165	203	216	241	292	330	356	495	622	698
L (RTJ)	In	N/A	N/A	5.50	7.00	8.50	9.00	10.00	12.00	13.50	14.50	20.00	25.00	28.00
	Mm	N/A	N/A	140	178	216	229	254	305	343	368	508	635	711
L (BW)	In	4.25	4.60	5.00	6.50	8.00	8.50	9.50	11.50	13.00	14.00	19.50	24.50	27.50
	Mm	108	117	127	165	203	216	241	292	330	356	495	622	698
B	In	0.50	0.75	1.00	1.50	2.00	2.50	3.00	4.02	5.00	5.98	8.00	10.00	12.00
	Mm	12.7	19.1	25.4	38.1	51	64	76	102	127	152	203	254	305
WT	LB	10.14	18.75	20.29	27.63	30.85	41.88	50.75	81.50	114.5	143.25	238.0	360.0	514.0
	KG	4.6	8.5	9.2	12.5	14.0	19.0	23.0	37.0	52.0	65.0	108.0	163.0	233.0