

CAST BODY SWING CHECK VALVES

FIG. 45-150, STAINLESS STEEL - CLASS 150

FIG. 45-300, STAINLESS STEEL - CLASS 300



Design Features

- Bolted cover.
- Precision machined disc and seat for tight shut off in reverse flow direction.
- Teflon cover gasket for temperature to 450°F/232°C.
- Flanges match ASME B16.5 - 150 & 300 lbs. standards. Serrated gasket faces.
- Face to Face ASME B16.10.

Designed to ASME B16.34, Tested to API 598

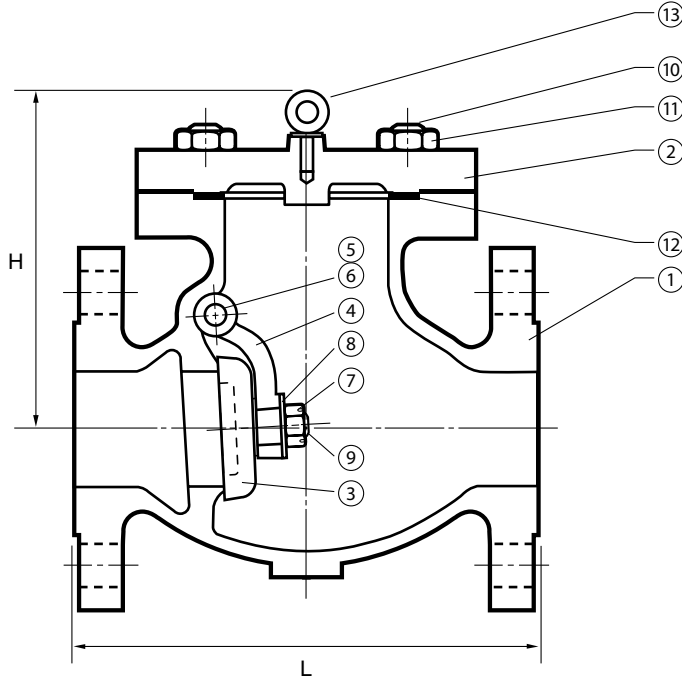
Designed to handle corrosive fluids in the process industries



STAINLESS STEEL - HORIZONTAL SWING CHECK VALVES 150/300 LB

FIG 45B-150-CF8M (316 SS)
FIG 45L-150-CG8M (317 SS)

FIG 45B-300-CF8M (316 SS)
FIG 45L-300-CG8M (317 SS)



Item	Part	Fig. 45B	Fig. 45L
1	Body	ASTM A351 Gr.CF8M	ASTM A351 Gr.CG8M
2	Cover	ASTM A351 Gr.CF8M	ASTM A351 Gr.CG8M
3	Disc	ASTM A351 Gr.CF8M	ASTM A351 Gr.CG8M
4	Hinge	ASTM A351 Gr.CF8M	ASTM A351 Gr.CG8M
5	Pin	ASTM A479 Gr.316	ASTM A479 Gr.317
6	Plug	AISI 316	AISI 317
7	Disc Nut	AISI 316	AISI 317
8	Washer	AISI 316	AISI 317
9	Split Pin	AISI 316	AISI 317
10	Studs	AISI 304	AISI 304
11	Nuts	AISI 304	AISI 304
12	Gasket	P.T.F.E	P.T.F.E
13	EyeBolt	ASTM A36	ASTM A36

DIMENSIONS - INCHES												
150	0.5	0.75	1	1.5	2	2.5	3	4	6	8	10	12
FF (L)	4.25	4.60	5.0	6.5	8.0	8.5	9.5	11.5	14.0	19.5	24.5	27.5
HT (H)	3.0	3.25	3.5	3.75	5.53	6.0	6.22	7.09	8.39	11.83	12.97	15.37
Wt. (lb)	9	13	15	22	28	37	48	75	117	234	331	518
300	0.5	0.75	1	1.5	2	2.5	3	4	6	8	10	12
FF (L)	6.0	7.0	8.5	9.5	10.5	11.5	12.5	14.0	17.5	21.0	24.5	28.0
HT (H)	3.5	3.86	4.0	4.57	5.05	5.95	6.3	7.25	9.40	12.17	13.15	15.25
Wt. (lb)	12	17	20	26	28	52	68	110	220	450	650	875

- Also available in special alloys such as CN7m (Alloy 20), Duplex SS, Hastelloy on request.

DIMENSIONS - MILLIMETERS												
150	15	20	25	40	50	65	80	100	150	200	250	300
F.F (L)	108	117	127	165	203	216	241	292	356	495	622	698
HT (H)	76	83	89	95	140.5	152.4	158	180	213	300.5	329.5	390.4
Wt. (lb)	4	6	7	10	13	17	22	34	53	106	150	235
300	15	20	25	40	50	65	80	100	150	200	250	300
F.F (L)	152	178	216	241	267	292	318	356	444	533	622	711
HT (H)	89	98	102	116	129	151	160	184	238	309	334	388
Wt. (kg)	5.5	7.7	9.1	11.8	12.7	23.6	30.9	50.0	100.0	204.5	295.5	397.7