

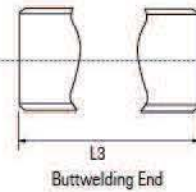
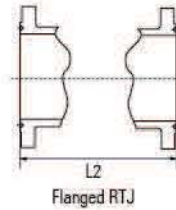
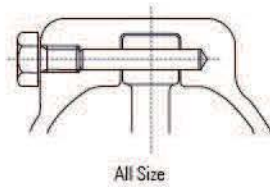
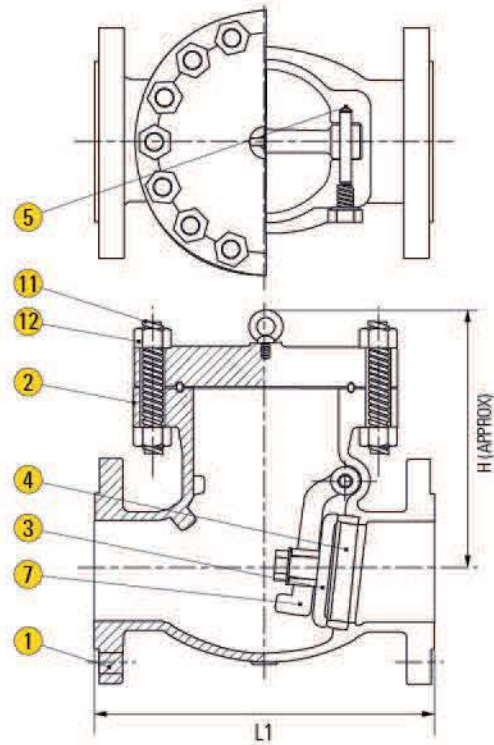
SWING CHECK VALVE

CARBON STEEL / STAINLESS STEEL



FIG SC-*1-*2-*3

Note : *1 Class | *2 Material | *3 Connection



SPECIFICATION

Designed and Manufactured
Face To Face Dimension
Pressure Rating
Flange End Dimension

API
ASME 16.10
Class 150, 300, 600, 900, 1500 and 2500
ASME B16.5

BW End Dimension
Test and Inspection
Pressure - Temperature Rating

ASME B16.25
API 598
ASME B16.34

MATERIAL

Parts	ASTM Specification						
	Standard	High Temperature Service				Low Temperature Service	Corrosion Service
1 Body	A216-WCB	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	A351-CF8M
2 Cover	A216-WCB	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	A351-CF8M
3 *Disc	A217-CA15	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	A351-CF8M
4 Body Seat Ring	A105+HARD FACE	A105+HARD FACE	A105+HARD FACE	A105+HARD FACE	A105+HARD FACE	A182-F304	A182-F316
5 Hinge Pin	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	A276-316
7 Arm	A216-WCB	A216-WC1	A216-WC6	A216-WC9	A217-C5	A352-LCB	A351-CF8H
11 Cover Bolt	A193-B7	A193-B7	A193-B7	A193-B16	A193-B16	A320-L7	A193-B8
12 Cover Nut	A194-2H	A194-2H	A194-2H	A194-4	A194-4	A194-4	A194-8

*Note : In case of 12" and larger size, We'll use trim material overlaid one on the same or equivalent material of the body.

*Specification given are subject to changed without further notice.

CLASS 150 *(N/A for L2)

Valve Size	inch	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	28	30
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750
L1 & L3	inch	8.0	8.5	9.5	11.5	13.0	14.0	19.5	24.5	27.5	31.0	34.0	38.5	38.5	51.0	57.0	60.0
	mm	203	216	241	292	330	356	495	622	699	787	864	978	978	1295	1448	1524
H	inch	6.1	6.7	7.3	7.9	9.3	10.0	12.0	13.6	15.0	18.1	21.5	25.6	26.4	35.4	40.0	45.2
	mm	155	170	185	200	235	255	305	345	380	460	545	650	670	900	1016	1149
Weight	LB	33.1	48.5	59.5	90.4	143.3	176.4	313.1	390.3	639.5	862.2	1016.5	1411.2	1719.9	3285.5	4520.3	6392.3
	Kg	15	22	27	41	65	80	142	177	290	391	461	640	780	1490	2050	2899

CLASS 300

Valve Size	inch	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	28
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
L1 & L3	inch	10.5	11.5	12.5	14.0	15.75	17.5	21.0	24.5	28.0	33.0	34.0	38.5	40.0	53.0	59.0
	mm	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1499
L2	inch	11.12	12.12	13.12	14.62	16.38	18.12	21.62	25.12	28.62	33.62	34.62	39.12	40.75	53.88	60.0
	mm	283	308	333	371	416	460	549	638	727	854	880	994	1035	1369	1524
H	inch	6.9	7.5	8.1	8.7	11.6	12.8	14.5	18.6	20.9	22.8	27.4	31.4	30.6	39.6	45.2
	mm	175	190	205	220	295	326	368	473	530	580	695	797	776	1007	1149
Weight	LB	41.9	66.2	77.2	119.1	198.5	282.4	463.1	590.9	915	1503.8	1647.1	2756.3	3307.5	4917.2	6504.8
	Kg	19	30	35	54	90	128	210	268	415	682	747	1250	1500	2230	2950

*Specification given are subject to changed without further notice.