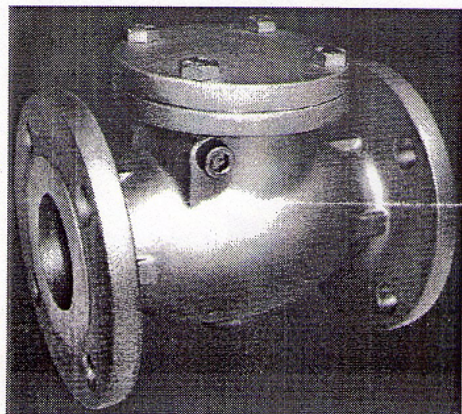


SECA SWING CHECK VALVE

MODEL SV 205 S 10K/150LB FLANGE END

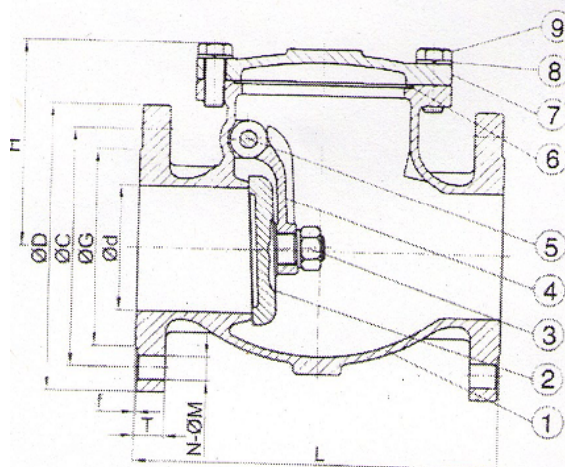


FEATURES:

- FACE TO FACE DIMENSIONS: JIS B2002 / ANSI B16.10
- END FLANGE DIMENSIONS: JIS B2239 / ANSI B16.5
- DESIGN: ANSI 16.34
- TEST: JIS B2203 / API 598
- INVESTMENT CASTING BODY

TEST PRESSURE:

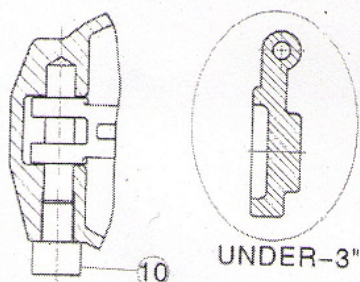
		ANSI-150LB	JIS-10K
		450PSI	2.1MPa
SHELL (BY WATER)		32kg/cm ²	21.5kg/cm ²
		315PSI	1.6MPa
	BY WATER	22kg/cm ²	16.5kg/cm ²
	BY AIR	85PSI	0.6MPa
SEAT		6kg/cm ²	6kg/cm ²



MATERIALS LIST:

NO.	PART NAME	MATERIALS
1	BODY	SCS13/CF8 SCS14/CF8M
2	DISC	SCS13/CF8 SCS14/CF8M
3	NUT	SUS304
4	ARM HINGE	SCS13/CF8 SCS14/CF8M
5	HINGE PIN	SUS304 SUS316
6	GASKET	* PTFE / 304+GRAPHITE
7	BONNET	SCS13/CF8 SCS14/CF8M
8	SPRING WASHERS	SUS304
9	BONNET BOLT	SUS304
10	BOLT	SUS304

*8"UP GASKET: 304+GRAPHITE



DIMENSIONS:

SIZE	d	L	H	D		C		G		f		T		N-ØM	
				10K	150	10K	150	10K	150	10K	150	10K	150	10K	150
1/2"	15	15	108	51	95	89	70	60.5	51	35	1	1.6	12	12.1	4-Ø15
3/4"	20	20	117	54	100	98	75	70.0	56	43	1	1.6	14	12.1	4-Ø15
1"	25	25	127	64	125	108	90	79.5	67	51	1	1.6	14	12.1	4-Ø19
1 1/4"	32	32	140	68	135	117	100	89.5	76	64	2	1.6	16	12.7	4-Ø19
1 1/2"	40	40	165	75	140	127	105	98.5	81	73	2	1.6	16	14.3	4-Ø19
2"	50	50	203	97	155	152	120	120.5	96	92	2	1.6	16	15.9	4-Ø19
2 1/2"	65	65	216	111	175	178	140	139.5	116	105	2	1.6	18	17.5	4-Ø19
3"	80	80	241	120	185	190	150	152.5	126	127	2	1.6	18	19.1	8-Ø19
4"	100	100	292	162	210	229	175	190.5	151	157	2	1.6	18	23.9	8-Ø19
5"	125	125	330	179	250	254	210	216.0	182	186	2	1.6	20	23.9	8-Ø23
6"	150	150	356	203	280	279	240	241.5	212	216	2	1.6	22	25.4	8-Ø23
8"	200	200	495	236	330	343	290	298.5	262	270	2	1.6	22	28.6	12-Ø23
10"	250	250	622	302	400	406	355	352.0	324	324	2	1.6	24	30.2	12-Ø25
12"	300	300	698	340	445	483	400	432.0	368	381	3	1.6	24	31.8	16-Ø25
14"	337	337	787	385	490	533	445	476.5	413	413	3	1.6	26	35.0	16-Ø25

SECA CAST STEEL SWING CHECK VALVE CLASS 150

MODEL : SV-205-C-150

FEATURES

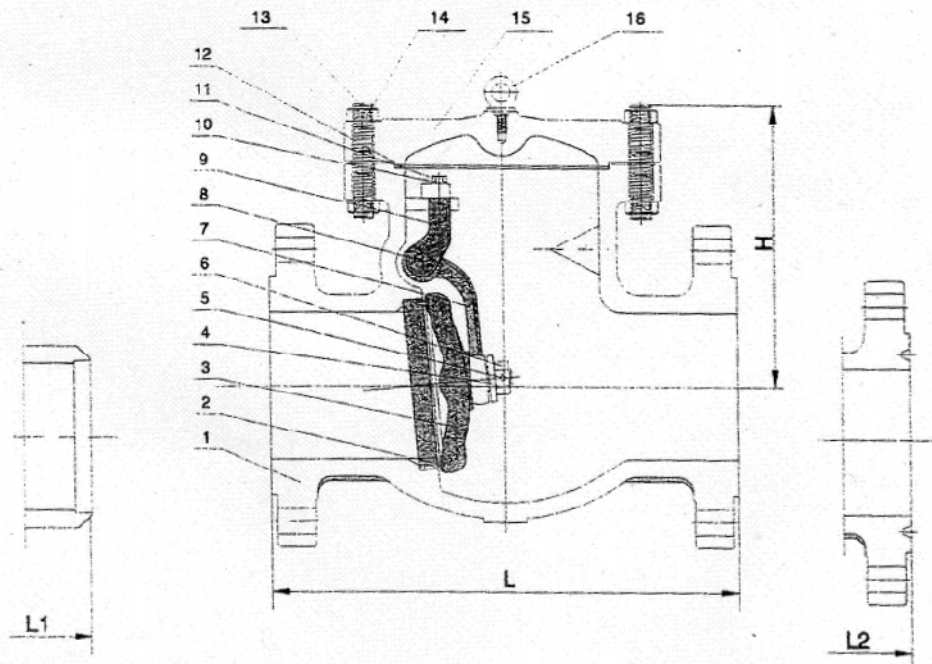
Bolted Cover
Swing Type Disc
6" & Larger With Eye Bolt
By Pass On Request
Lever & Wight Optional

SPECIFICATIONS

Design	ASME B16.34/BS 1368
Face to Face	ASME B16.10
End Flange	ASME B16.5
BW End	ASME B16.25
Test	API 598
Special	NACE MR-01-75

STANDARD MATERIALS OF PARTS

ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 GR.WCB
2	Seat Ring	ASTM A105+Stellite Faced
3	Disc	ASTM A216 GR.WCB+13Cr Faced
4	Disc Thrust Plate	ASTM A276 Type 410
5	Disc Nut Pin	Stainless Steel
6	Disc Nut	Stainless Steel
7	Hinge	ASTM A216 GR.WCB
8	Hinge Pin	ASTM A182 GR.F6
9	Bearing Bracket	ASTM A216 GR.WCB
10	Spring Washer	Carbon Steel
11	Hex, Bolt	Carbon Steel
12	Gasket	Soft Iron+Graphite
13	Cover Bolt	ASTM A193 GR.B7
14	Cover Bolt Nut	ASTM A194 GR.2H
15	Cover	ASTM A216 GR.WCB
16	Eye Bolt	Carbon Steel



Dimensions and Weights

SIZE	in	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L/L1	in	8.00	8.50	9.50	11.50	14.00	19.50	24.50	27.50	31.00	34.00	36.50	38.50	51.00
	mm	203	216	241	292	356	495	622	699	787	864	978	978	1295
L2	in	8.5	9.00	10.00	12.00	14.50	20.00	25.00	28.00	31.50	34.50	39.00	39.00	51.50
	mm	216	229	2254	305	368	508	635	711	800	876	991	991	1308
H	in	6.10	6.70	7.09	8.66	10.55	12.20	14.57	16.73	18.70	20.67	22.83	24.72	34.72
	mm	155	170	180	220	268	310	370	425	475	525	580	628	882
Weight RF	kg	19	26	29	46	77	163	220	366	428	555	775	835	1180

SECA CAST STEEL SWING CHECK VALVE CLASS 300

MODEL: SV-205-C-300

FEATURES

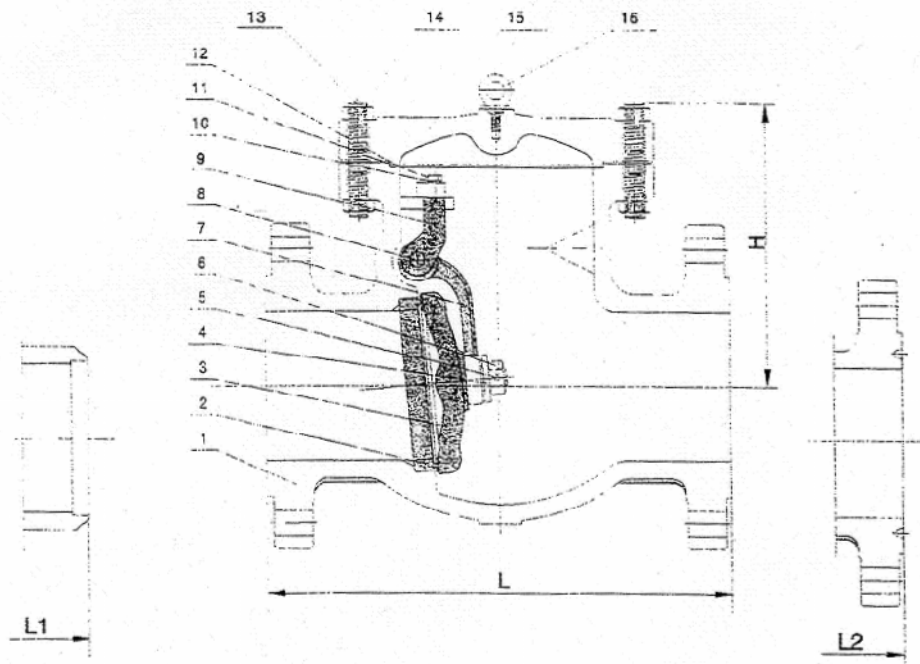
Bolted Cover
Swing Type Disc
4" & Larger With Eye Bolt
By Pass On Request
Lever & Wight Optional

SPECIFICATIONS

Design	ASME B16.34/BS 1868
Face to Face	ASME B16.10
End Flange	ASME B16.5
BW End	ASME B16.25
Test	API 598
Special	NACE MR-01-75

STANDARD MATERIALS OF PARTS

ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 GR.WCB
2	Seat Ring	ASTM A105+Stellite Faced
3	Disc	ASTM A216 GR.WCB+13Cr Faced
4	Disc Washer	ASTM A276 Type 410
5	Disc Nut Pin	Stainless Steel
6	Disc Nut	Stainless Steel
7	Higne	ASTM A216 GR.WCB
8	Hinge Pin	ASTM A182 GR.F6
9	Bearing Bracket	ASTM A216 GR.WCB
10	Spring Washer	Carbon Steel
11	Hex, Bolt	Carbon Steel
12	Gasket	Soft Iron+Graphite
13	Cover Bolt	ASTM A193 GR.B7
14	Cover Bolt Nut	ASTM A194 GR.2H
15	Cover	ASTM A216 GR.WCB
16	Eye Bolt	Carbon Steel



Dimensions and Weights														
SIZE	in	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L/L1	in	10.50	11.50	12.50	14.00	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
	mm	267	292	318	356	445	533	622	711	838	864	978	1016	1346
L2	in	11.12	12.12	13.12	14.62	18.12	21.62	25.12	28.62	33.62	34.62	39.12	40.75	53.88
	mm	283	308	333	371	460	549	638	727	854	879	994	1035	1368
H	in	6.89	7.28	7.80	9.25	11.10	13.19	15.15	18.11	20.47	21.81	23.62	26.38	29.53
	mm	175	185	198	235	282	335	385	460	520	554	600	670	750
Weight RF	kg	21	30	39	69	125	210	307	450	680	640	1025	1320	1960