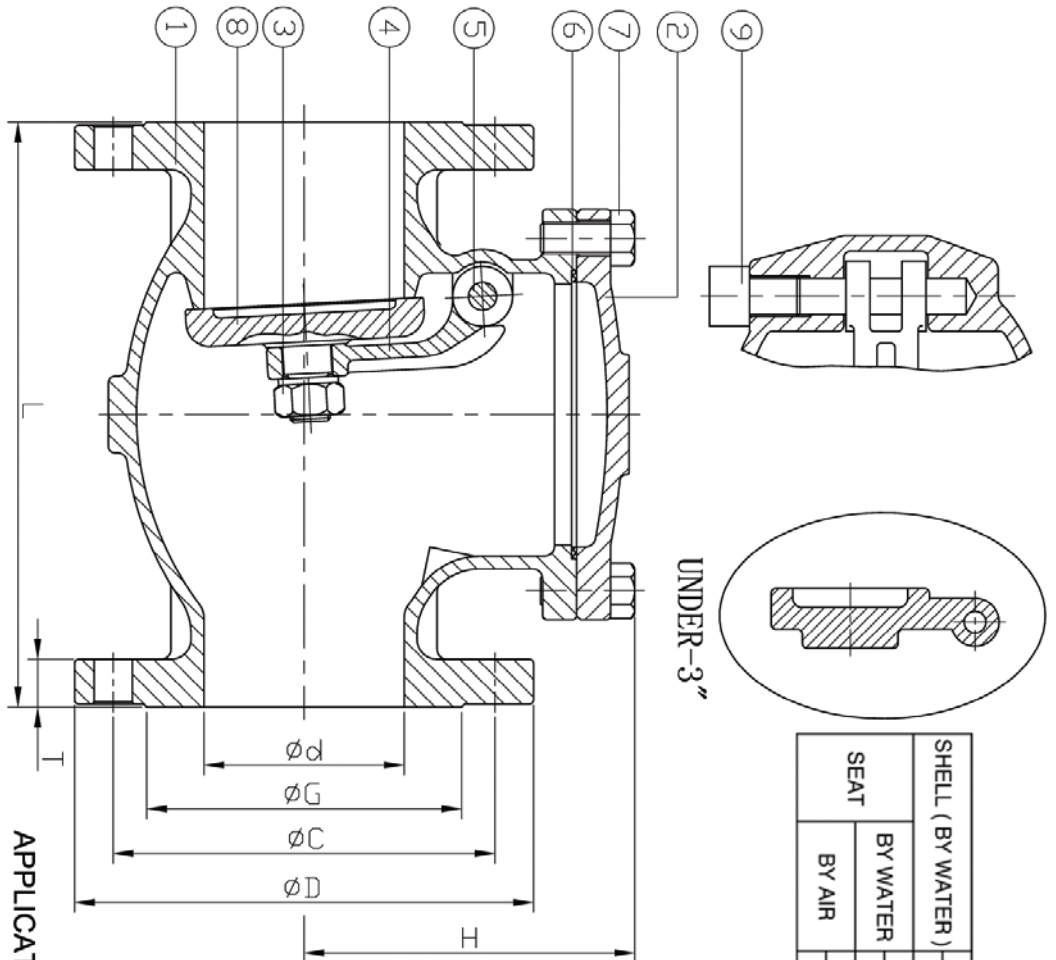


Ra	0.2	0.63	1.6	25	0.1
JIS	▽	▽	▽	▽	▽

GENERAL TOLERANCE	0.5~5	±0.1
	6~30	±0.2
	31~120	±0.3
	121~320	±0.5
	321~1000	±0.8



SEAT	SHELL (BY WATER)	
	BY WATER	BY AIR
	450 PSI	32 kg/cm ²
	315 PSI	22 kg/cm ²
	80 PSI	6 kg/cm ²

APPLICATIONS:

- FACE TO FACE DIMENSIONS:ANSI B16.10 / JIS B2002
- END FLANGE DIMENSIONS:ANSI B16.5 / JIS B2239
- DESIGN:ANSI B16.34
- TEST:API598
- INVESTMENT CASTING BODY

DN	d	L	H	D		C		G		T	
				10K	150	10K	150	10K	150	10K	150
15	15	112	65	95	89	70	60.5	52	35	12	11.1
20	20	125	70	100	98	75	70	58	43	14	11.1
25	25	135	75	108	108	90	79.5	70	51	14	11.1
40	40	165	107	140	127	105	98.5	85	73	16	14.3
50	50	203	120	155	152	120	120.5	100	92	16	15.9
65	65	216	135	175	178	140	139.5	120	105	18	17.5
80	80	241	147	185	190	150	152.5	130	127	18	19.1
100	100	292	169	210	229	175	190.5	155	157	18	23.9
125	125	330	190	250	254	210	216	185	186	20	23.9
150	150	356	213	280	279	240	241.5	215	216	22	25.4
200	200	495	253	330	343	290	298.5	265	270	22	28.6
250	250	622	279	400	406	355	362	325	324	24	30.2
300	300	698	312	445	483	400	432	370	381	24	31.8

NPS	d	L	H	D		C		G		T	
				10K	150	10K	150	10K	150	10K	150
1/2"	0.59	4.41	2.56	3.74	3.5	2.76	2.38	2.05	1.38	0.47	0.44
3/4"	0.79	4.92	2.76	3.94	3.86	2.95	2.76	2.28	1.69	0.55	0.44
1"	0.98	5.31	2.95	4.92	4.25	3.54	3.13	2.76	2.01	0.55	0.44
1-1/2"	1.57	6.5	4.21	5.51	5	4.13	3.88	3.35	2.87	0.63	0.56
2"	1.97	7.99	4.72	6.1	5.98	4.72	4.74	3.94	3.62	0.63	0.63
2-1/2"	2.56	8.5	5.31	6.89	7.01	5.49	4.72	4.13	0.71	0.69	0.75
3"	3.15	9.49	5.79	7.28	7.48	5.91	6	5.12	5	0.71	0.75
4"	3.94	11.5	6.65	8.27	9.02	6.89	7.5	6.1	6.18	0.71	0.94
5"	4.92	12.99	7.48	9.84	10	8.27	8.5	7.28	7.32	0.79	0.94
6"	5.91	14.02	8.39	11.02	10.98	9.45	9.51	8.46	8.50	0.87	1
8"	7.87	19.49	9.96	12.99	13.50	11.42	11.75	10.43	10.63	0.87	1.13
10"	9.84	24.49	10.98	15.75	15.98	13.98	14.25	12.8	12.76	0.94	1.19
12"	11.81	27.48	12.28	17.52	19.02	15.75	17.01	14.57	15	0.94	1.25

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M / SCS 14
2	BONNET	ASTM A351-CF8 / SCS13
3	NUT	SS 304
4	ARM HINGE	SS 316
5	HINGE PIN	SS 304
6	GASKET	PTFE (OR NO ASBESTOS)
7	BOLT	ASTM A194-B8 / A194-2H
8	DISC	ASTM A351-CF8M / SCS 14 ASTM A351-CF8 / SCS 13
9	BOLT	SS 304

CHECK BY	DRAWING BY	DATE	SPECIFICATION
		Aug.12.2005	Swing Check Valve Class150 / 10K
			ASTM A351-CF8M
			UNIT / SCALE
			MM

DRAWING NO.	2024000SL - 05
Revision	
Description	
Date	
Approve	