

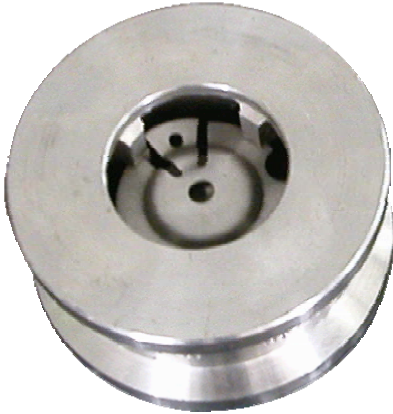
SHANGHAI CIPHY INDUSTRY LTD.,CO.

ANSI CLASS 150/300/600/900

CARBON STEEL OR STAINLESS STEEL

WAFER TYPE LIFT CHECK VALVE

MODEL NO: SCAXWF-LF



WAFER SWING CHECK VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 150	1/2"	8"
CLASS 300	1/2"	8"
CLASS 600	1/2"	8"
CLASS 900	1/2"	8"

DESIGN DESCRIPTION:

- * SIMPLE DISC
- * LIFT TYPE
- * WAFER CONNECTION TYPE

WORKING PRESSURE AND TEMPERATURE

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	-290C~4250C	60F~8220F
STAINLESS STEEL	-400C~5500C	150F~10470F

GENERAL DESIGN SPECIFICATIONS:

ITEM	AMERICAN STANDARD
MANUFACTURE	API 6D OR API 594
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
INSPECTION AND TEST	API 598

TEST PRESSURE TO API 598:

CLASS	SHELL (WATER)		SEAT (WATER)	
150	3.1MPA	450PSI	2.2MPA	315PSI
300	7.8MPA	1125PSI	5.6MPA	815PSI
600	15.3MPA	2225PSI	11.2MPA	1630PSI

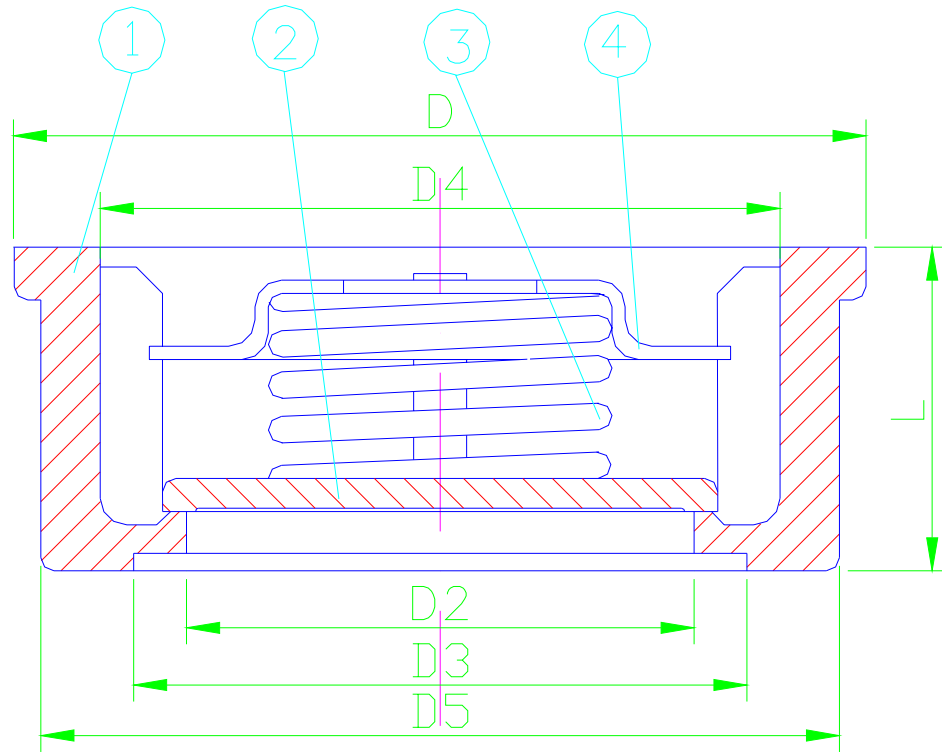
TRIMS SPECIFIED DUE TO TABLE 3:

DISC SEAT SURFACE PART NO.2	BODY SEAT SURFACE PART
F6	F6
STELLITE	STELILITE
F6	STELILITE
304	304
316	316
OTHER MATERIALS ARE AVAILABLE UPON REQUEST.	

PARTS AND MATERIAL (ASTM)

NO	PARTS NAME	MATERIAL
1	BODY	A351 CF8, A216 WCB, A351 CF8M, A351 CF3M
3	SPRING HOLDER	A182 F304L, A216 WCB
4	SPRING	INCONEL-750, A351 CF8, A351 CFBM

OTHER MATERIALS ARE AVAILABLE UPON REQUEST

**DIMENSIONS LIST(UNIT:MM):**

	NPS	DN	L	D	D2	D3	D4	WEIGHT(Kg)
CLASS150	1/2	15	25	46	15	25	25	0.28
	3/4	20	31.5	56	19	30	30	0.42
	1	25	35.5	65	24	36	36	0.56
	1-1/4	32	40	74	31	43	43	0.75
	1-1/2	40	45	84	39	52	52	1.3
	2	50	56	103	48	62	62	2.1
	2-1/2	65	63	122	62	75	75	2.8
	3	80	71	135	76	90	90	3.6
	4	100	80	173	95	112	112	4.8
	5	125	110	195	110	125	132	12
CLASS300	6	150	125	220	127	150	158	17
	8	200	160	277	165	200	208	29
	1/2	15	25	52	15	25	25	0.3
	3/4	20	31.5	65	19	30	30	0.46
	1	25	35.5	72	24	36	36	0.6
	1-1/4	32	40	81	31	43	43	0.8
	1-1/2	40	45	94	39	52	52	1.5
	2	50	56	110	48	62	62	2.4
	2-1/2	65	63	128	62	75	75	3
	3	80	71	147	76	90	90	4
CLASS600	4	100	80	179	95	112	112	5.5
	5	125	110	214	110	125	132	13
	6	150	125	249	127	150	158	22
	8	200	160	305	165	200	208	36
	1/2	15	25	52	15	25	25	0.4
	3/4	20	31.5	65	19	30	30	0.8
	1	25	35.5	72	24	36	36	1
	1-1/4	32	40	81	31	43	43	1.3
	1-1/2	40	45	94	39	52	52	1.8
	2	50	56	110	48	62	62	2.8
2-1/2	65	63	128	62	75	75	4	
3	80	71	147	76	90	90	6	
4	100	80	191	95	112	112	11	
5	125	110	239	110	125	132	25	
6	150	125	264	127	150	158	32	
8	200	160	318	165	200	208	52	

CLASS900	1/2	15	25	62	15	25	25	0.6
	3/4	20	31.5	69	19	30	30	0.9
	1	25	35.5	77	24	36	36	1.2
	1-1/4	32	40	87	31	43	43	1.5
	1-1/2	40	45	97	39	52	52	2
	2	50	56	140	48	62	62	5.5
	2-1/2	65	63	162	62	75	75	7.5
	3	80	71	165	76	90	90	8
	4	100	80	204	95	112	112	14
	5	125	110	245	110	125	132	27
	6	150	125	286	127	150	158	41
	8	200	160	356	165	200	208	76

*** We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency**



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