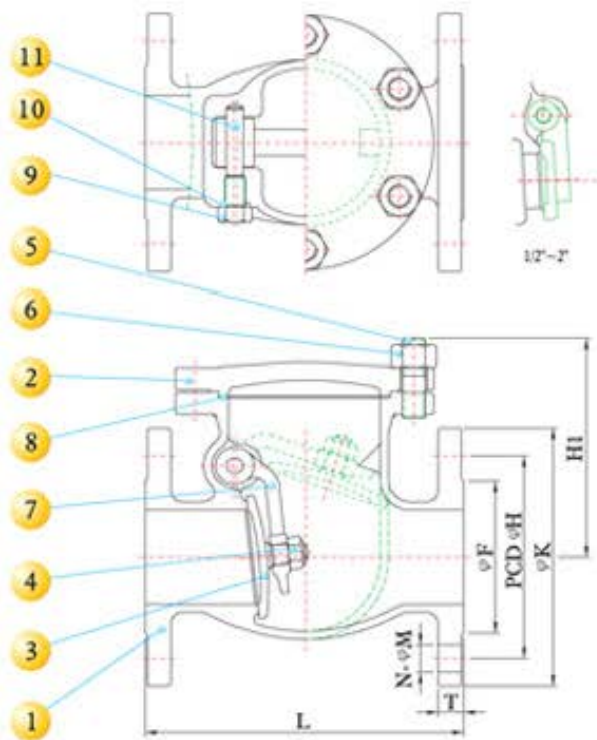


DESIGN FEATURES:

- Swing Type
- Body: ASTM A351 Gr.CF8M
- Disc: ASTM A351 Gr.CF8M
- End Type: Flange End
- Face to Face: ANSI B16.10
- Flange Dimensions: ANSI B16.5 300
- Wall Thickness: ANSI B16.34
- TEST STANDARD: API 598
- Pressure/ Temperature ratings in accordance with ASME/ASTM B16.34

SERIES 409 (300#)



MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	COVER	ASTM A351 Gr.CF8M	1
3	DISC	ASTM A351 Gr.CF8M	1
4	DISC NUT	ASTM A194 Gr.8	1
5	COVER BOLT	ASTM A193 Gr.B8	4 - 12
6	COVER NUT	ASTM A194 Gr.8	4 - 12
7	ARM	ASTM A351 Gr.CF8M	1
8	GASKET	PTFE	1
9	PLUG	SS316	1
10	PLUG GASKET	SS304	1
11	HINGE PIN	SS316	1

DIMENSIONS

SIZE		L		H1		K		H		F		T		M		N	Cv Factor	Weight	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			Kg	Lb
1/2"	15	6.00	152	2.99	76	3.74	95	2.62	66.5	1.38	35	0.56	14.3	0.62	15.70	4	9.5	3.90	8.59
3/4"	20	7.00	178	3.07	78	4.61	117	3.25	82.5	1.69	43	0.63	15.9	0.75	19.00	4	16	5.00	11.01
1"	25	8.50	216	3.27	83	4.88	124	3.50	89.0	2.01	51	0.69	17.5	0.75	19.00	4	27	6.80	14.98
1 1/2"	40	9.50	241	4.57	116	6.14	156	4.51	114.5	2.87	73	0.81	20.7	0.88	22.30	4	51	11.50	25.33
2"	50	10.50	267	5.08	129	6.50	165	5.00	127.0	3.62	92	0.88	22.3	0.75	19.00	8	70	16.50	36.34
2 1/2"	65	11.50	292	5.63	143	7.48	190	5.87	149.0	4.13	105	1.00	25.4	0.88	22.30	8	120	23.00	50.66
3"	80	12.50	318	6.46	164	8.27	210	6.61	168.0	5.00	127	1.13	28.6	0.88	22.30	8	170	30.00	66.08
4"	100	14.00	356	6.97	177	10.00	254	7.87	200.0	6.18	157	1.25	31.8	0.88	22.30	8	250	45.50	100.22
5"	125	15.75	400	8.54	217	10.98	297	9.25	235.0	7.32	186	1.38	35.0	0.88	22.30	8	470	58.00	127.75
6"	150	17.50	444	9.80	249	12.52	318	10.63	270.0	8.50	216	1.44	36.6	0.88	22.30	12	1100	81.00	178.41
8"	200	21.00	533	12.28	312	15.00	381	12.99	330.0	10.63	270	1.63	41.3	1.00	25.40	12	2000	125.00	275.33
10"	250	24.50	622	14.13	359	17.48	444	15.26	387.5	12.76	324	1.88	47.7	1.12	28.40	16	3300	172.00	378.85
12"	300	28.00	711	15.71	399	20.51	521	17.76	451.0	15.00	381	2.00	50.8	1.25	31.75	16	4900	430.00	948.14