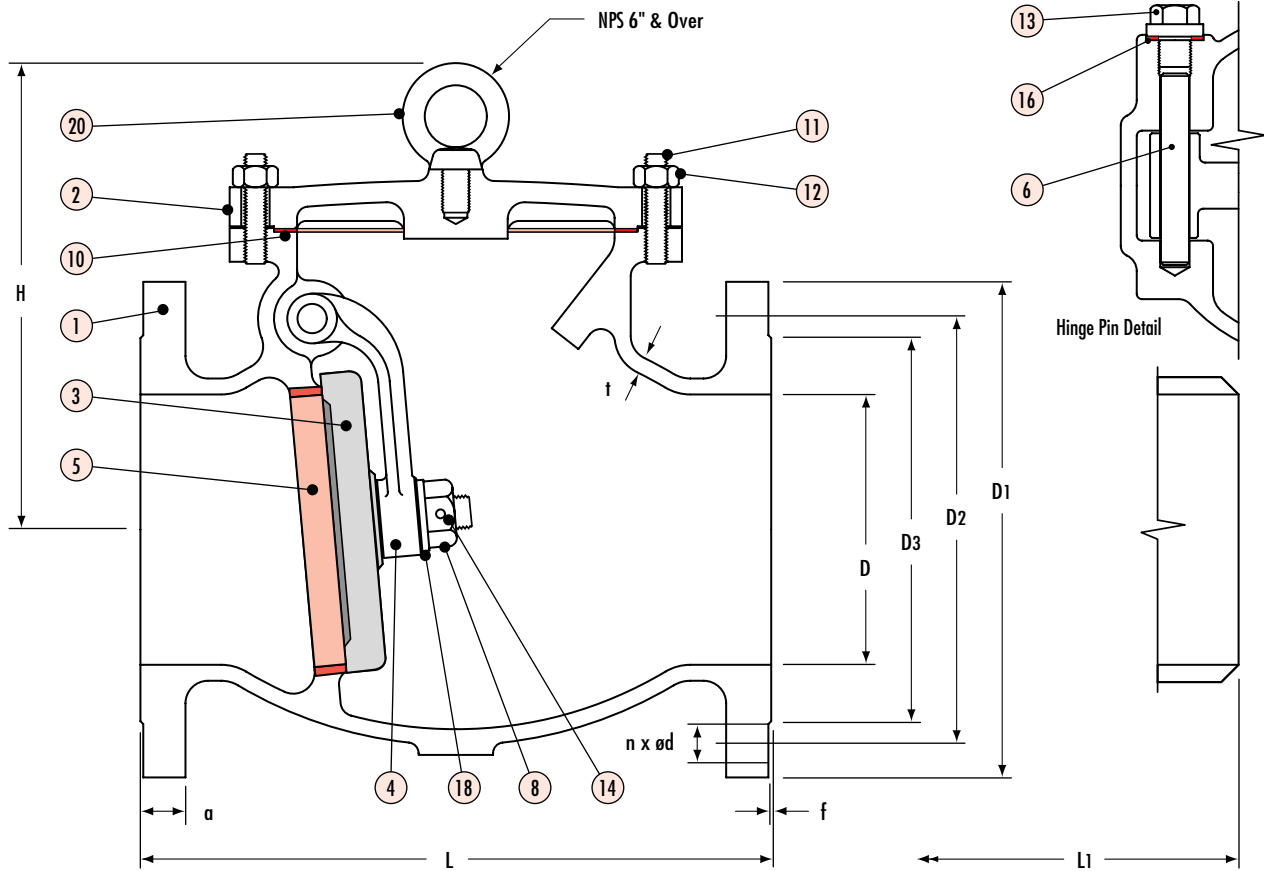




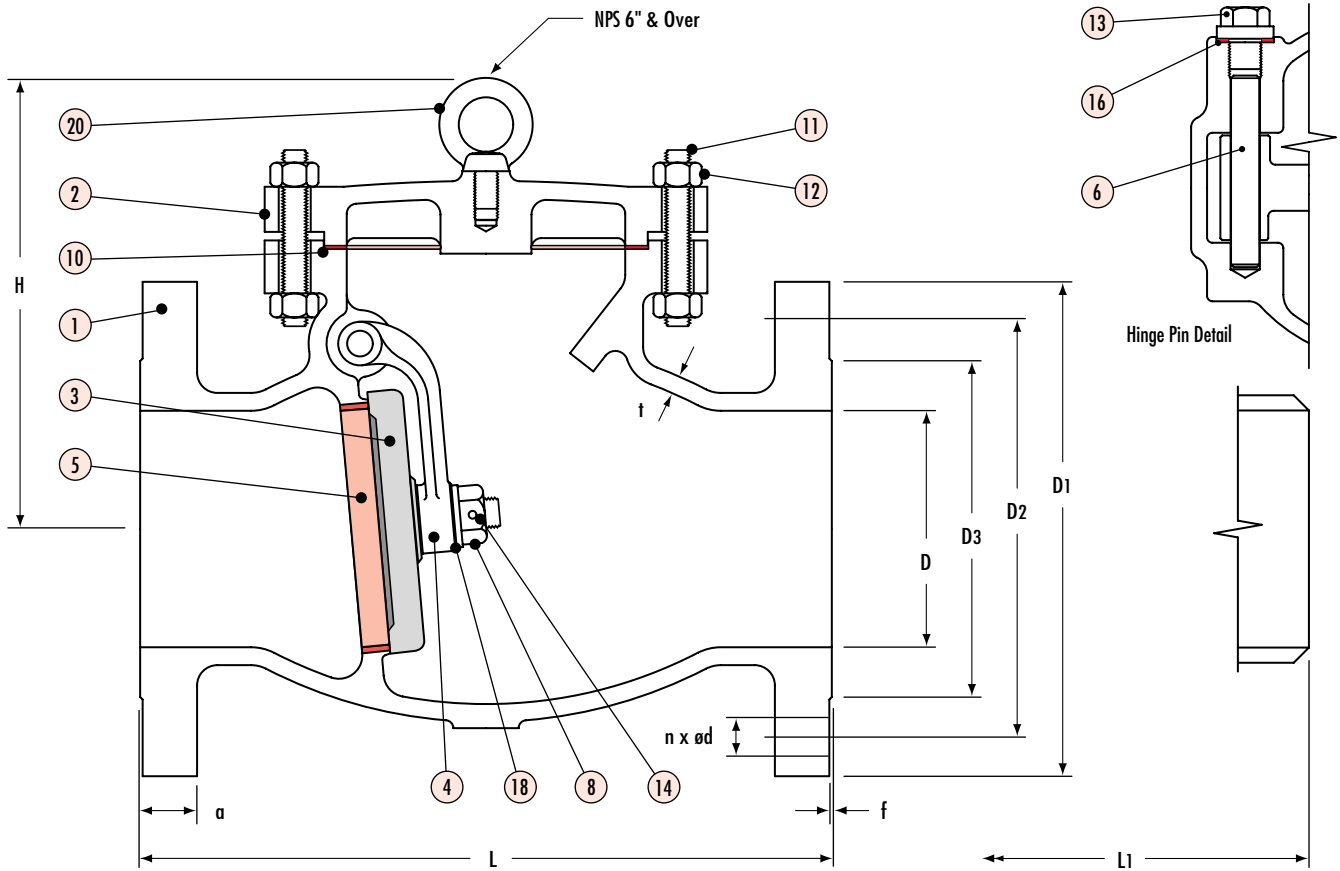
Class 150 Swing Check Valves (137-137 1/2)



Dimensional Data (in.) and Flow Coefficient (C_v)

Size	End Flange													Wt. Lbs.	C _v
	ØD	ØD ₁	Bolt Hole			ØD ₃	a	f	L	L ₁	H	t			
			ØD ₂	N	Ød										
1/2	0.50	3.50	2.38	4	0.63	1.38	0.31	0.06	4.25	4.25	2.72	0.11	4	9	
3/4	0.75	3.88	2.75	4	0.63	1.69	0.34	0.06	4.62	4.62	2.95	0.12	6	10	
1	1.00	4.25	3.12	4	0.63	2.00	0.38	0.06	5.00	5.00	3.41	0.16	8	22	
1 1/2	1.50	5.00	3.88	4	0.63	2.88	0.50	0.06	6.50	6.50	3.74	0.19	15	55	
2	2.00	6.00	4.75	4	0.75	3.62	0.56	0.06	8.00	8.00	4.59	0.22	21	82	
2 1/2	2.50	7.00	5.50	4	0.75	4.12	0.62	0.06	8.50	8.50	5.26	0.22	30	170	
3	3.00	7.50	6.00	4	0.75	5.00	0.69	0.06	9.50	9.50	5.89	0.22	43	170	
4	4.00	9.00	7.50	8	0.75	6.19	0.88	0.06	11.50	11.50	6.69	0.25	68	295	
6	6.00	11.00	9.50	8	0.87	8.50	0.94	0.06	16.00	16.00	10.35	0.28	128	830	
8	8.00	13.50	11.75	8	0.87	10.62	1.06	0.06	19.50	19.50	12.19	0.31	226	1525	
10	10.00	16.00	14.25	12	1.00	12.75	1.12	0.06	24.50	24.50	14.39	0.34	317	2400	
12	12.00	19.00	17.00	12	1.00	15.00	1.19	0.06	27.50	27.50	16.13	0.38	530	3500	

Class 300 Swing Check Valves (149-149 1/2)



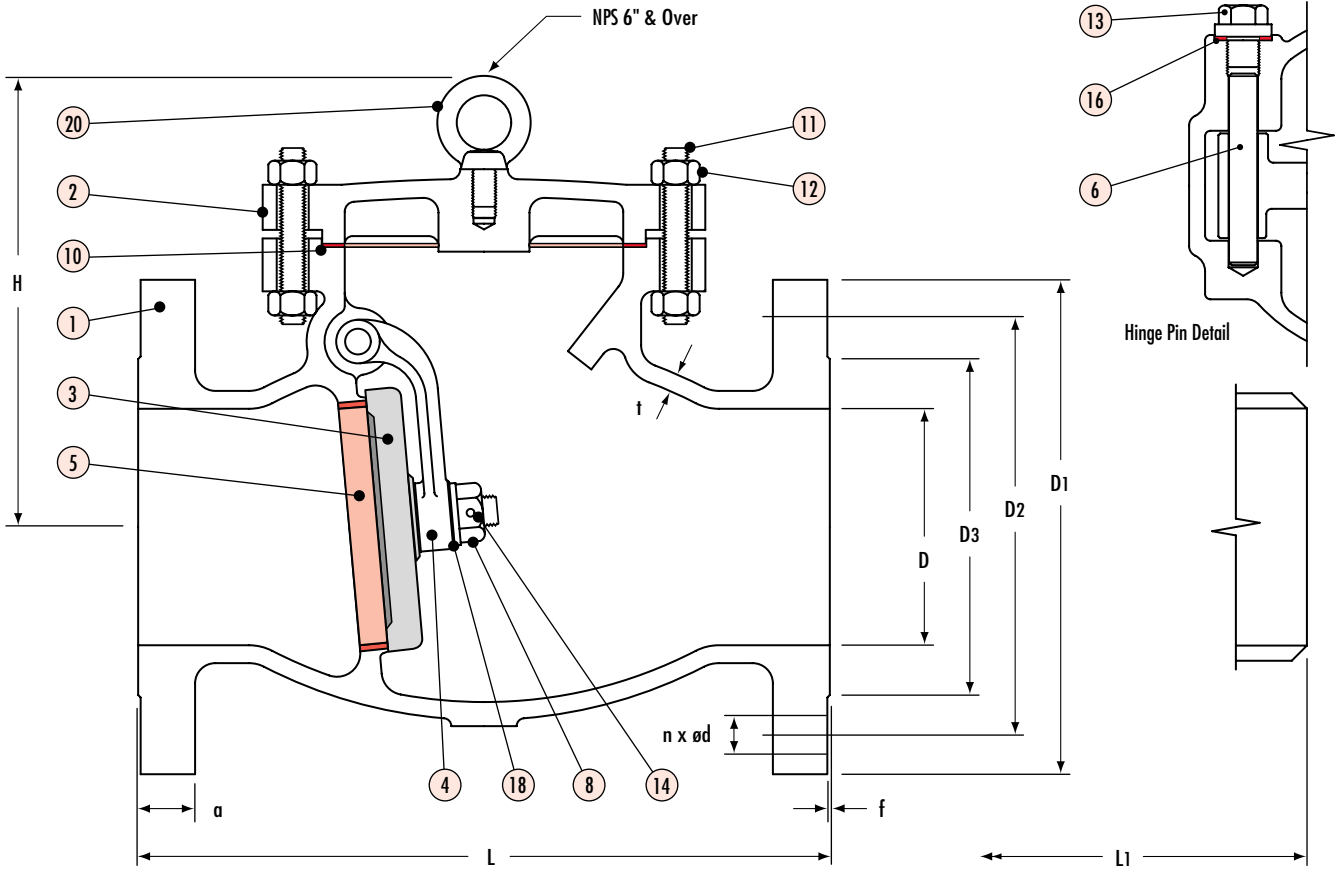
Dimensional Data (in.) and Flow Coefficient (C_v)

Size	End Flange													Wt. Lbs.	C _v
	ØD	ØD1	Bolt Hole			ØD3	a	f	L	L1	H	t			
			ØD2	N	Ød										
1/2	0.50	3.75	2.62	4	0.63	1.38	0.50	0.06	6.00	6.00	3.11	0.12	12	9	
3/4	0.75	4.62	3.25	4	0.75	1.69	0.56	0.06	7.00	7.00	3.35	0.15	16	10	
1	1.00	4.88	3.50	4	0.75	2.00	0.62	0.06	8.50	8.50	3.62	0.19	29	22	
1 1/2	1.50	6.12	4.50	4	0.87	2.88	0.75	0.06	9.50	9.50	4.17	0.19	30	55	
2	2.00	6.50	5.00	8	0.75	3.62	0.81	0.06	10.50	10.50	5.61	0.25	42	82	
2 1/2	2.50	7.50	5.88	8	0.87	4.12	0.94	0.06	11.50	11.50	6.10	0.25	62	170	
3	3.00	8.25	6.62	8	0.87	5.00	1.06	0.06	12.50	12.50	7.01	0.28	80	170	
4	4.00	10.00	7.88	8	0.87	6.19	1.19	0.06	14.00	14.00	7.82	0.31	118	295	
6	6.00	12.50	10.62	12	0.87	8.50	1.38	0.06	17.50	17.50	11.42	0.38	212	830	
8	8.00	15.00	13.00	12	0.98	10.62	1.56	0.06	21.00	21.00	13.70	0.44	330	1525	
10	10.00	17.50	15.25	16	1.13	12.75	1.81	0.06	24.50	24.50	15.93	0.50	528	2400	
12	12.00	20.50	17.75	16	1.26	15.00	1.94	0.06	28.00	28.00	18.41	0.56	802	3500	





Class 600 Swing Check Valves (165-165 1/2)



Dimensional Data (in.) and Flow Coefficient (C_v)

Size	End Flange													Wt. Lbs.	C _v
	ØD	ØD ₁	Bolt Hole			ØD ₃	a	f	L	L ₁	H	t			
			ØD ₂	N	Ød										
1/2	0.50	3.75	2.62	4	0.63	1.38	0.56	0.26	6.50	6.50	—	0.13	10	9	
3/4	0.75	4.62	3.25	4	0.75	1.69	0.62	0.26	7.50	7.50	—	0.16	18	10	
1	1.00	4.88	3.50	4	0.75	2.00	0.69	0.26	8.50	8.50	—	0.19	24	22	
1 1/2	1.50	6.12	4.50	4	0.87	2.88	0.88	0.26	9.50	9.50	—	0.22	40	55	
2	2.00	6.50	5.00	8	0.75	3.62	1.00	0.26	11.50	11.50	7.36	0.25	53	82	
2 1/2	2.50	7.50	5.88	8	0.87	4.12	1.12	0.26	13.00	13.00	7.87	0.28	69	170	
3	3.00	8.25	6.62	8	0.87	5.00	1.25	0.26	14.00	14.00	8.27	0.31	88	170	
4	4.00	10.75	8.50	8	1.00	6.19	1.50	0.26	17.00	17.00	10.08	0.38	170	295	
6	6.00	14.00	11.50	12	1.13	8.50	1.88	0.26	22.00	22.00	12.95	0.50	400	830	
8	7.87	16.50	13.75	12	1.25	10.62	2.19	0.26	26.00	26.00	14.33	0.62	610	1525	
10	9.75	20.00	17.00	16	1.38	12.75	2.50	0.26	31.00	31.00	18.27	0.75	995	2400	
12	11.75	22.00	19.25	20	1.38	15.00	2.62	0.26	33.00	33.00	19.13	0.91	1310	3500	