

Concentric Butterfly Valve Flow Coefficient Cv Value (in ²)										
Size		Valve opening angle								
DN	NPS	10°	20°	30°	40°	50°	60°	70°	80°	90°
50	2	0.06	3	7	15	27	44	70	105	115
65	2½	0.1	6	12	25	45	75	119	178	196
80	3	0.2	9	18	39	70	116	183	275	302
100	4	0.3	17	36	78	139	230	364	546	600
125	5	0.5	29	61	133	237	392	620	930	1022
150	6	0.8	34	95	153	257	422	706	1154	1579
200	8	2	56	154	251	422	693	1158	1892	2165
250	10	3	87	238	385	654	1073	1794	2931	3353
300	12	4	153	417	681	1145	1879	3142	5132	5827
350	14	6	183	500	816	1372	2252	3765	6150	7037
400	16	8	271	740	1208	2031	3333	5573	9104	10416
450	18	11	318	867	1417	2382	3909	6535	10676	12215
500	20	14	415	1133	1851	3112	5107	8538	13948	15959
600	24	22	541	1482	2421	4069	6678	11165	18240	20869
700	28	36	1813	3639	6636	10000	19449	22768	34898	49500
750	30	37	2080	4406	9546	17010	28147	44545	66818	73426
800	32	45	2387	4791	8736	13788	20613	31395	48117	38250
900	36	260	3050	6730	12740	20220	32500	52500	79600	87500
1000	40	284	4183	8395	15307	24159	36166	55084	84425	119750
1050	42	350	4095	9040	17108	27150	43640	70500	106890	117500
1200	48	455	5365	11840	22400	30600	51200	92300	140000	154000

Double Eccentric Butterfly Valve Flow Coefficient Cv Value (in ²)									
Size		PN (Mpa)							Class
DN	NPS	0.25	0.6	1.0	1.6	2.5	4.0	150	
80	3				291	291		291	
100	4				413	413		413	
125	5				903	903		903	
150	6				1150	1020		1020	
200	8				2640	1830	1660	1830	
250	10				4110	3710	2570	3710	
300	12				7030	5620	3710	5620	
350	14				9620	7460	5250	7460	
400	16		16100	14000	12500	9730	7300	9730	
450	18		20900	18700	15800	12300	9430	12300	
500	20		26600	24100	19500	15200	11600	15200	
600	24		38300	34700	28200	21900	16700	21900	
700	28	53500	52100	47300	38400	29800	24100	29800	
750	30	61400	59800	54300	44000	34200	27600	34200	
800	32	69800	68000	61800	50100	39000	32300	39000	
900	36	91000	86100	78300	64400	49700		49700	
1000	40	119000	106000	96500	79400	68300		68300	
1100	44	150000	129000						
1200	48	178000	153000	139000					
1300	52	209000	179000	163000					
1400	56	242000	208000	190000					
1500	60	278000	239000	218000					
1600	64	317000	271000	247000					
1800	72	401000	344000	328000					
2000	80	495000	449000	414000					
2200	88	621000	560000	515000					
2400	96	739000	689000	628000					
2600	104	868000	837000						
2800	112	1010000	970000						
3000	120	1210000	1110000						