

Valve Size	Flow Coefficients (Cv) at Various Valve Operating Angles								
	10°	20°	30°	40°	50°	60°	70°	80°	90°
2	0	8	22	36	51	60	69	72	70
2.5	2	16	38	61	83	109	135	146	150
3	6	33	62	94	118	143	176	208	227
4	16	58	106	155	213	274	349	433	473
5	20	94	167	230	310	391	488	561	605
6	40	147	242	335	422	560	729	925	1,010
8	66	237	368	509	712	985	1,296	1,640	2,004
10	139	390	595	807	1,168	1,606	2,134	2,814	3,199
12	204	548	820	1,138	1,591	2,219	3,067	4,085	4,672
14	264	674	972	1,386	1,994	2,840	3,925	5,164	5,947
16	384	864	1,196	1,765	2,611	3,755	5,105	6,975	8,182
18	508	1,092	1,551	2,341	3,522	5,125	7,134	9,511	11,548
20	626	1,294	1,792	2,651	4,082	5,919	8,256	11,429	13,813
24	1,047	2,251	3,178	4,563	6,568	9,277	12,932	17,093	19,021
28	1,295	2,664	4,326	6,211	8,940	12,627	17,602	23,266	27,184
30	1,487	3,058	4,966	7,130	10,262	14,495	20,206	26,708	31,206
32	1,692	3,479	5,651	8,112	11,676	16,492	22,990	30,388	35,506
36	2,141	4,403	7,152	10,267	14,778	20,873	29,097	38,460	44,937

DESCRIPTION: Flow Coefficients - API 609 High Performance Butterfly Valve	DATE: 07/01/2024	DRAWING: TS-TD0005-A
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