Flow coefficient values (Kv) at different handwheel settings

Turns	DN 10	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300
1.0	0.11	0.18	0.34	0.48	0.79	1.20	2.00	2.80	5.50	8.00	10.0	18.0	–	–	–
1.5	0.14	0.25	0.48	0.65	1.10	1.70	2.80	4.00	7.50	11.0	17.0	25.0	–	–	–
2.0	0.18	0.32	0.60	0.77	1.32	2.05	3.60	5.10	9.50	13.5	22.0	33.0	40	90	–
2.5	0.22	0.38	0.71	0.90	1.55	2.40	4.40	7.30	11.5	16.5	26.0	46.0	50	110	–
3.0	0.27	0.45	0.83	1.03	1.80	2.80	5.20	9.60	13.5	19.0	33.0	68.0	65	140	150
3.2	0.29	0.48	0.88	1.10	1.95	3.00	5.60	11.3	14.3	20.5	37.0	78.0	–	–	–
3.4	0.32	0.51	0.94	1.20	2.10	3.20	6.00	13.0	15.1	22.0	42.0	89.0	–	–	–
3.5	–	–	–	–	–	–	–	–	–	–	–	–	90	195	230
3.6	0.35	0.54	1.00	1.30	2.30	3.50	6.50	15.0	16.0	25.0	48.0	102	–	–	–
3.8	0.38	0.58	1.06	1.40	2.50	3.80	7.00	17.5	17.0	29.0	55.0	116	–	–	–
4.0	0.41	0.62	1.13	1.50	2.70	4.10	7.60	20.0	18.5	33.0	63.0	130	120	255	300
4.2	0.45	0.66	1.20	1.65	2.95	4.40	8.40	23.1	20.0	39.0	71.0	141	–	–	–
4.4	0.49	0.70	1.28	1.80	3.20	4.80	9.20	26.2	21.5	46.0	79.0	152	–	–	–
4.5	–	–	–	–	–	–	–	–	–	–	–	–	165	320	370
4.6	0.54	0.75	1.36	1.95	3.50	5.20	10.1	29.3	23.5	53.0	88.0	163	–	–	–
4.8	0.59	0.80	1.45	2.10	3.80	5.70	11.0	32.4	26.5	60.0	97.0	174	–	–	–
5.0	0.65	0.86	1.55	2.30	4.10	6.20	11.9	35.5	29.5	67.0	106	186	225	385	450
5.2	0.71	0.92	1.65	2.50	4.45	6.70	12.9	38.6	33.0	74.0	116	199	–	–	–
5.4	0.78	0.98	1.75	2.75	4.80	7.20	13.8	41.7	37.0	81.0	126	212	–	–	–
5.5	–	–	–	–	–	–	–	–	–	–	–	–	285	445	535
5.6	0.85	1.04	1.86	3.00	5.15	7.70	14.8	44.8	41.0	88.0	135	224	–	–	–
5.8	0.93	1.10	1.98	3.30	5.50	8.30	15.8	47.9	45.0	94.0	143	235	–	–	–
6.0	1.02	1.17	2.10	3.60	5.90	8.90	16.7	51.0	49.0	99.5	150	246	340	500	620
6.2	1.12	1.24	2.24	3.85	6.25	9.50	17.6	54.0	53.0	105	158	257	–	–	–
6.4	1.25	1.31	2.38	4.10	6.60	10.2	18.5	57.0	57.0	111	167	268	–	–	–
6.5	–	–	–	–	–	–	–	–	–	–	–	–	400	545	690
6.6	1.40	1.40	2.55	4.40	7.00	10.8	19.4	60.0	61.0	116	176	278	–	–	–
6.8	1.60	1.50	2.72	4.70	7.40	11.4	20.3	63.0	65.0	121	185	286	–	–	–
7.0	1.78	1.62	2.90	5.00	7.80	12.0	21.2	66.0	68.5	125	194	294	435	590	750
7.2	1.93	1.78	3.10	5.30	8.20	12.6	22.0	69.0	72.0	130	203	303	–	–	–
7.4	2.05	1.95	3.30	5.60	8.60	13.2	22.8	71.5	75.5	135	212	313	–	–	–
7.5	–	–	–	–	–	–	–	–	–	–	–	–	470	660	815
7.6	2.15	2.15	3.50	5.90	9.00	13.7	23.6	74.0	79.0	140	220	322	–	–	–
7.8	2.23	2.35	3.68	6.20	9.35	14.2	24.3	76.5	82.0	145	228	331	–	–	–
8.0	2.30	2.55	3.85	6.50	9.70	14.7	25.0	78.5	85.0	150	236	340	515	725	890
8.2	2.37	2.70	3.99	6.80	10.1	15.2	25.8	80.5	88.0	155	244	350	–	–	–
8.4	2.44	2.84	4.12	7.10	10.5	15.7	26.5	82.5	90.5	160	252	360	–	–	–
8.6	2.50	2.95	4.25	7.40	10.9	16.2	27.2	84.0	93.0	164	260	369	–	–	–
8.8	2.55	3.05	4.38	7.65	11.2	16.7	27.9	85.5	95.5	167	267	377	–	–	–
9.0	2.60	3.15	4.50	7.90	11.5	17.1	28.6	87.0	98.0	170	273	385	595	820	970
9.2	2.65	3.25	4.62	8.10	11.8	17.5	29.2	88.5	100	174	279	393	–	–	–
9.4	2.69	3.34	4.74	8.30	12.2	18.0	29.8	90.0	103	178	285	401	–	–	–
9.6	2.73	3.43	4.86	8.50	12.5	18.5	30.4	91.5	106	182	291	409	–	–	–
9.8	2.78	3.50	4.98	8.65	12.8	19.0	31.0	92.5	108	186	296	417	–	–	–
10.0	2.80	3.55	5.10	8.80	13.1	19.5	31.5	93.5	110	190	301	425	650	940	1040
11.0	–	–	–	–	–	–	–	–	–	–	–	–	710	1050	1120
12.0	–	–	–	–	–	–	–	–	–	–	–	–	765	1185	1200
13.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1320
14.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1370
15.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1400
16.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1450