

Cv vs. Lift Chart

MK708 - Equal Percentage Trim										
% LIFT	% Cv	4	3	2	1.25	1	0.5	0.2	0.1	0.05
0%	0%	0	0	0	0	0	0	0	0	0
5%	3.95%	0.16	0.12	0.08	0.05	0.039	0.020	0.008	0.004	0.0020
10%	4.68%	0.19	0.14	0.09	0.06	0.047	0.023	0.009	0.005	0.0023
20%	6.58%	0.26	0.20	0.13	0.08	0.066	0.033	0.013	0.007	0.0033
25%	7.80%	0.31	0.23	0.16	0.10	0.078	0.039	0.016	0.008	0.0039
30%	9.25%	0.37	0.28	0.18	0.12	0.092	0.046	0.018	0.009	0.0046
40%	12.99%	0.52	0.39	0.26	0.16	0.130	0.065	0.026	0.013	0.0065
50%	18.26%	0.73	0.55	0.37	0.23	0.183	0.091	0.037	0.018	0.0091
60%	25.65%	1.03	0.77	0.51	0.32	0.257	0.128	0.051	0.026	0.0128
70%	36.05%	1.44	1.08	0.72	0.45	0.360	0.180	0.072	0.036	0.0180
75%	42.73%	1.71	1.28	0.85	0.53	0.427	0.214	0.085	0.043	0.0214
80%	50.65%	2.03	1.52	1.01	0.63	0.506	0.253	0.101	0.051	0.0253
90%	71.17%	2.85	2.14	1.42	0.89	0.712	0.356	0.142	0.071	0.0356
100%	100%	4	3	2	1.25	1	0.5	0.2	0.1	0.05
Valve Size		3/4"	1/2", 3/4"	1/2", 3/4"	1/2", 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"

Trim Sizes 0.00001 thru 0.02 are available only in linear characteristic.

MK708 - Linear Trim										
% LIFT	% Cv	4	3	2	1.25	1	0.5	0.2	0.1	0.05
0%	0%	0	0	0	0	0	0	0	0	0
5%	5%	0.20	0.15	0.10	0.06	0.05	0.025	0.010	0.005	0.0025
10%	10%	0.40	0.30	0.20	0.13	0.10	0.050	0.020	0.010	0.0050
20%	20%	0.80	0.60	0.40	0.25	0.20	0.100	0.040	0.020	0.0100
25%	25%	1.00	0.75	0.50	0.31	0.25	0.125	0.050	0.025	0.0125
30%	30%	1.20	0.90	0.60	0.38	0.30	0.150	0.060	0.030	0.0150
40%	40%	1.60	1.20	0.80	0.50	0.40	0.200	0.080	0.040	0.0200
50%	50%	2.00	1.50	1.00	0.63	0.50	0.250	0.100	0.050	0.0250
60%	60%	2.40	1.80	1.20	0.75	0.60	0.300	0.120	0.060	0.0300
70%	70%	2.80	2.10	1.40	0.88	0.70	0.350	0.140	0.070	0.0350
75%	75%	3.00	2.25	1.50	0.94	0.75	0.375	0.150	0.075	0.0375
80%	80%	3.20	2.40	1.60	1.00	0.80	0.400	0.160	0.080	0.0400
90%	90%	3.60	2.70	1.80	1.13	0.90	0.450	0.180	0.090	0.0450
100%	100%	4	3	2	1.25	1	0.5	0.2	0.1	0.05
Valve Size		3/4"	1/2", 3/4"	1/2", 3/4"	1/2", 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"	1/4" - 3/4"

Numbers are for reference or comparison only.