

**Flow Coefficients(Cv) of V-port Ball Valve (UNI-S70)**

DN	Size Inch	Port Angal	Percentage of Stroke										Round Port
			10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
15	1/2"	30°	0.00	0.01	0.18	0.29	0.50	0.83	1.25	1.78	2.26	3.26	13.00
		60°	0.00	0.02	0.19	0.41	0.75	1.14	1.80	2.58	3.92	5.73	13.00
25	1"	30°	0.00	0.43	1.14	1.95	2.88	4.65	6.40	8.96	11.78	14.74	92.00
		60°	0.00	0.36	1.36	2.58	4.12	6.51	9.79	14.90	20.75	32.15	92.00
50	2"	30°	0.00	0.18	3.64	7.80	11.53	16.87	24.79	32.64	44.76	56.72	449.00
		60°	0.00	0.39	5.28	10.69	17.53	26.79	40.03	61.56	87.40	115.46	449.00

**Flow Coefficients(Kv) of V-port Ball Valve (UNI-S70)**

DN	Size Inch	Port Angal	Percentage of Stroke										Round Port
			10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
15	1/2"	30°	0.00	0.01	0.15	0.25	0.43	0.71	1.07	1.52	1.93	2.78	11.11
		60°	0.00	0.01	0.16	0.35	0.64	0.98	1.54	2.20	3.35	4.89	11.11
25	1"	30°	0.00	0.37	0.97	1.66	2.46	3.97	5.47	7.66	10.07	12.60	78.63
		60°	0.00	0.31	1.16	2.21	3.52	5.57	8.36	12.73	17.74	27.48	78.63
50	2"	30°	0.00	0.15	3.11	6.67	9.85	14.42	21.19	27.90	38.25	48.48	383.76
		60°	0.00	0.33	4.51	9.13	14.99	22.90	34.22	52.61	74.70	98.68	383.76