

# Jarecki Valves

## V-Port Ball Valves

Valve Size	V-Port Angle	Percent and Angle of Ball Rotation										
		0% 0	10% 9	20% 18	30% 27	40% 36	50% 45	60% 54	70% 63	80% 72	90% 81	100% 90
1/2"	15	0	0.03	0.17	0.43	0.68	0.98	1.63	2.11	2.84	3.63	4.29
1/2"	30	0	0.03	0.23	0.46	0.76	1.18	1.81	2.46	3.42	4.66	5.57
1/2"	60	0	0.04	0.28	0.72	1.11	1.84	2.91	4.28	6.99	9.43	12.77
1/2"	90	0	0.05	0.46	0.84	1.27	2.04	3.23	4.74	8.24	11.62	14.73
3/4"	15	0	0.04	0.23	0.55	0.89	1.33	2.14	2.74	3.75	4.74	5.54
3/4"	30	0	0.06	0.29	0.61	0.98	1.55	2.42	3.23	4.51	6.11	7.34
3/4"	60	0	0.07	0.34	0.92	1.45	2.41	3.84	5.63	9.22	12.42	16.27
3/4"	90	0	0.08	0.58	1.11	1.68	2.68	4.26	6.22	10.84	15.27	19.38
1"	15	0	0.05	0.31	0.94	1.48	2.33	3.81	4.69	6.49	8.49	9.85
1"	30	0	0.07	0.45	1.24	2.05	3.53	5.31	7.71	10.48	12.83	15.47
1"	60	0	0.08	0.67	1.73	2.77	5.12	8.01	11.87	18.69	23.21	32.85
1"	90	0	0.11	0.93	2.77	5.08	7.73	12.21	17.32	24.47	26.78	43.88
1-1/4"	15	0	0.02	0.26	0.82	1.64	2.8	4.08	5.89	7.98	10.85	12.86
1-1/4"	30	0	0.05	0.48	1.37	2.47	4.12	6.09	8.83	11.76	14.88	17.38
1-1/4"	60	0	0.07	0.66	2.03	3.42	6.48	10.79	15.38	22.34	33.36	44.19
1-1/4"	90	0	0.09	0.78	2.93	5.42	10.23	17.28	19.48	34.94	51.75	66.01
1-1/2"	15	0	0.05	0.38	1.16	2.28	3.84	5.59	8.11	10.98	18.86	17.85
1-1/2"	30	0	0.07	0.64	1.87	3.41	5.67	8.35	12.13	16.18	20.43	23.89
1-1/2"	60	0	0.09	0.91	2.8	4.69	8.88	14.86	21.16	30.72	45.89	59.75
1-1/2"	90	0	0.11	1.06	4.02	7.43	14.05	23.77	26.77	48.02	71.16	90.51
2"	15	0	0.05	0.68	2.25	4.44	7.29	10.68	15.41	21.38	28.76	35.06
2"	30	0	0.08	1.18	3.78	7.53	12.26	17.82	26.43	36.45	48.08	55.92
2"	60	0	0.11	1.52	5.79	10.39	20.59	33.99	48.76	69.03	104.24	136.51
2"	90	0	0.16	1.88	7.29	13.57	25.38	42.29	55.55	87.05	129.76	167.33
2-1/2"	15	0	0.08	1.76	2.43	5.24	8.09	11.74	16.43	22.36	27.23	32.11
2-1/2"	30	0	0.09	1.14	4.42	7.92	13.4	20.04	30.42	41.92	69.76	77.19
2-1/2"	60	0	0.13	1.45	5.91	11.91	23.23	37.93	59.32	83.28	113.65	162.5
2-1/2"	90	0	0.18	1.82	7.28	16.45	31.15	53.54	77.89	118.29	177.32	240.11
3"	15	0	0.07	0.91	2.99	6.64	9.59	13.49	19.62	26.68	31.8	38.39
3"	30	0	0.12	1.21	4.14	9.48	15.97	26.77	38.92	53.32	69.76	85.92
3"	60	0	0.16	2.88	6.69	15.83	29.36	46.33	73.59	106.73	149.89	193.19
3"	90	0	0.2	4.11	8.66	21.08	41.08	69.28	105.92	161.03	237.22	360.22
4"	15	0	0.11	1.39	3.76	8.88	16.78	27.91	41.86	59.27	75.54	97.06
4"	30	0	0.18	1.74	7.83	18.58	35.22	58.59	87.88	124.42	158.52	197.09
4"	60	0	0.26	2.19	12.45	33.67	62.98	106.25	160.5	233.97	329.49	437.3
4"	90	0	0.35	4.36	19.68	50.28	91.82	157.42	240.52	365.16	546.61	830.86
6"	15	0	0.22	2.49	6.66	15.78	29.89	49.74	74.55	105.55	134.47	172.06
6"	30	0	0.29	3.12	13.96	33.15	62.69	104.36	156.54	221.57	282.32	349.7
6"	60	0	0.46	5.42	22.14	59.98	112.16	189.23	285.82	416.69	586.82	800.79
6"	90	0	0.68	7.79	35.06	89.57	163.56	280.37	428.33	650.33	973.49	1479.25
8"	15	0	0.33	4.24	11.32	26.87	50.79	84.6	126.89	395.08	503.39	292.35
8"	30	0	0.51	5.33	23.77	56.36	106.69	177.63	266.38	377.05	480.46	595.19
8"	60	0	0.8	6.67	23.82	102.06	190.87	322.05	486.42	709.12	998.69	1325.4
8"	90	0	1.07	13.25	59.63	152.42	278.32	477.14	728.95	1106.68	1656.78	2518.19
10"	15	0	0.52	6.65	17.69	41.98	79.59	132.2	198.19	617.29	786.49	457.11
10"	30	0	0.77	8.31	37.13	88.06	166.74	277.52	416.23	589.15	750.73	930.09
10"	60	0	1.24	10.42	37.19	159.46	298.24	503.21	760.01	1107.99	1560.44	2070.89
10"	90	0	1.67	20.73	93.19	238.14	434.91	745.52	1139.01	1729.19	2588.69	3934.66
12"	15	0	0.75	9.39	24.79	58.79	111.16	185.01	277.5	864.21	1101.06	640.49
12"	30	0	1.09	11.62	52.01	123.26	233.41	388.53	582.72	824.83	1051.03	1301.81
12"	60	0	1.73	14.57	52.08	223.24	417.53	704.52	1064.02	1551.18	2184.64	2910.26
12"	90	0	2.32	29.99	132.09	338.39	610.75	1045.59	1601.01	2449.25	3640.21	5505.25