

"V" SERIES BALL CONTROL PORT BALL VALVES

TYPE DVC1931



armatec

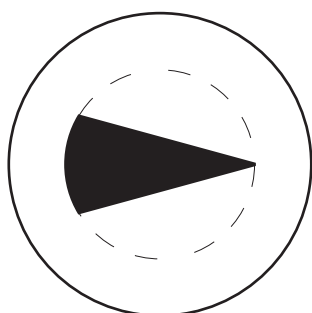


GENERAL

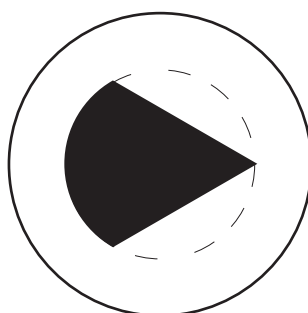
DIMENSIONS:	3/8" - 4"
	DN10 - DN100
MATERIAL:	STAINLESS STEEL - CF8M
V-NOTCH:	30° OR 60°

OPTIONS

MATERIAL:	HARD CHROME
V-NOTCH:	OTHER DEGREES AT REQUEST



30°



60°

DESCRIPTION

- **"V" port balls** are ideal for achieving more precise control with the simplicity and sealing features of the ball valve.
- **The "V" port gives a better flow** characteristic that is easier to control.
- **"V" port valves offer better and more consistent control** than traditional ball valves with round port.
- **The 30° option allows for finer tapered control throughout the valve rotation** and the 60° offers a larger Cv in addition to controlled flow.

"V" SERIES FLOW COEFFICIENT - KV CHART

DIM	V-PORT	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
DN10FB/ DN15RB	30	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9
	60	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.7	1.0	1.4	1.9
	90	-	-	-	-	-	-	-	-	-	-	-
DN15FB/ DN20RB	30	0.0	0.1	0.1	0.2	0.3	0.4	0.7	0.9	1.4	1.9	2.2
	60	0.0	0.1	0.1	0.3	0.4	0.8	1.2	1.7	2.8	3.7	5.1
	90	0.0	0.1	0.2	0.3	0.5	0.8	1.3	1.9	3.2	4.6	5.9
DN20FB/ DN25RB	30	0.0	0.1	0.2	0.4	0.6	0.9	1.5	2.0	2.8	3.8	4.6
	60	0.0	0.1	0.2	0.6	0.9	1.4	2.4	3.4	5.5	7.7	10.2
	90	0.0	0.2	0.3	0.7	1.0	1.7	2.6	3.9	6.8	9.6	11.9
DN25FB/ DN32RB	30	0.0	0.1	0.3	0.7	1.1	2.0	3.0	4.3	7.2	8.3	8.5
	60	0.0	0.2	0.3	0.9	1.5	2.9	4.5	6.7	10.5	13.0	17.9
	90	0.0	0.2	0.3	1.5	2.9	4.3	6.9	9.7	13.6	17.9	24.7
DN32FB/ DN40RB	30	0.0	0.2	0.3	0.9	1.7	3.1	4.7	6.8	8.5	11.1	12.8
	60	0.0	0.2	0.5	1.5	2.6	4.7	8.1	10.9	16.2	22.1	33.2
	90	0.0	0.3	0.7	1.7	4.3	6.8	11.9	16.2	23.8	33.2	46.8
DN40FB/ DN50RB	30	0.0	0.3	0.5	1.4	2.6	4.3	6.4	9.4	11.9	14.5	17.0
	60	0.0	0.3	0.7	2.1	3.4	6.8	11.1	16.2	23.0	34.0	44.2
	90	0.0	0.3	0.8	3.0	6.0	11.1	17.0	26.4	35.7	53.6	66.3
DN50FB/ DN65RB	30	0.0	0.3	1.0	3.2	5.1	8.5	12.8	19.6	26.4	36.6	51.0
	60	0.0	0.3	1.3	3.9	7.7	14.0	23.0	33.2	46.8	70.6	93.5
	90	0.0	0.4	1.7	5.1	10.2	18.7	29.8	38.3	59.5	89.3	114.8
DN65FB/ DN80RB	30	0.0	0.3	0.9	3.4	6.8	10.2	15.3	23.8	31.5	52.7	63.8
	60	0.0	0.3	1.3	4.3	8.5	17.9	28.9	45.1	63.8	87.6	127.5
	90	0.0	0.4	1.4	6.0	11.9	23.8	40.8	59.5	90.1	136.0	185.3
DN80FB/ DN100RB	30	0.0	0.4	1.0	3.4	6.8	11.9	19.6	28.1	39.1	55.3	69.7
	60	0.0	0.4	2.1	5.1	11.9	21.3	34.0	55.3	77.4	108.8	140.3
	90	0.0	0.6	3.0	6.8	15.3	29.8	51.0	76.5	114.8	174.3	263.5
DN100FB	30	0.0	0.5	1.7	5.1	12.8	24.7	40.8	60.4	85.0	110.5	135.2
	60	0.0	0.6	2.6	9.4	21.3	34.0	50.2	76.5	119.9	180.2	302.6
	90	0.0	0.9	3.0	13.6	34.0	63.8	106.3	161.5	250.8	375.7	569.5

OPTION: DN10 FB/DN15 RB 15° V-PORT
DN10 FB/DN15 RB LINEAR (2 MM CUTOUT)