



Polyvalve®

an ANDRONACO INDUSTRIES company

Applications:

For use in:

- Potable Water
- Water and Wastewater
- Irrigation
- Storm Sewer
- Gravity Sewer
- Geothermal

POLY-WATER® VALVES
POLYETHYLENE VALVES FOR WATER APPLICATIONS
www.PolyvalveUSA.com



Made in the USA



16"
FULL PORT

The Original Is Still The Best!
Over 3,000,000 Sold!

Formerly known as



NORDSTROM®
POLYVALVE®

Nordstrom® is a registered trademark of Flowserve®

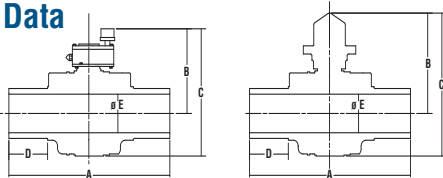


Poly-Water® Valve Availability

Poly-Water® Valve Availability Chart (Ball Valves for Potable Water, Wastewater, and Irrigation)

Size (inches)	Size (Metric)	Body Pieces	Bore	C _v	K _v	Equivalent Feet of Pipe	Available SDRs
½	16 - 20	2	full	18	260	2	9.3, 11
¾	25	2	full	25	361	3.2	9.3, 10, 11
1	32	2	full	40	577	3.8	9.3, 11, 13.5
1¼	40	2	full	-	-	-	9.3, 10, 11, 13.5, 17
	40	2	standard	45	649	9.6	9.3, 10, 11, 13.5
1½	50	2	full	-	-	-	9.3, 11, 13.5, 17
2	55 - 63	3	full	175	2528	3.8	9.3, 11, 17
	50 - 63	2	standard	110	1586	9.6	9.3, 11, 17
3	90	3	full	390	5624	5.3	9.3, 11, 13.5, 17
	90	3	standard	240	3461	14.1	9.3, 11, 13.5, 17
4	100 - 110 - 125	3	full	700	10094	5.8	9.3, 11, 13.5, 17
	100 - 110 - 125	3	standard	400	5768	17.8	9.3, 11, 13.5, 17
6	150 - 160 - 180	3	full	1800	25957	6.1	9.3, 11, 13.5, 17
	160	3	standard	900	12978	24.3	9.3, 11, 13.5, 17
8	200 - 225	3	full	3650	52633	5.5	9.3, 11, 13.5, 17
	200 - 225	3	standard	1350	19467	40.3	9.3, 11, 13.5, 17
10	250 - 280	3	full	-	-	-	9.3, 11, 13.5, 17
12	315	3	full	7000	73542	10.6	9.3, 11, 13.5, 17
14	355	3	full	-	-	-	11, 13.5, 17
	355	3	standard	-	-	-	9.3, 11, 13.5, 17
16	400	3	full	-	-	-	9.3, 11, 13.5, 17
	400	3	standard	-	-	-	9.3, 11, 13.5, 17

Dimension Data



Notes:

- C_v in US gal/min @ 1 psi ΔP
- K_v in litres/min @ 1 bar ΔP
- For applications not listed, please contact Polyvalve for valve recommendations.
- Flanges, PUPS, T-Handles, etc., available upon request.

ANSI Valve Dimensions

Size	Port	A	B	C	D	E	Weight (lbs.)
½	full	10.0	3.4	4.8	2.8	0.50	1.2
¾	full	10.0	3.4	4.8	2.8	0.75	1.2
1	full	10.0	3.4	4.8	2.8	0.90	1.2
1¼	full	13.0	4.5	6.5	3.7	1.30	3.1
	standard	10.0	3.4	4.8	2.8	0.90	1.2
1½	full	13.0	4.5	6.5	3.7	1.30	3.1
2	full	14.7	6.4	9.1	4.2	1.82	3.8
	standard	13.0	4.5	6.5	3.7	1.30	3.1
3	full	15.0	8.0	11.4	3.5	2.50	8.9
	standard	12.8	6.4	9.1	3.6	1.95	4.5
4	full	20.0	10.4	15.0	3.1	3.62	19.5
	standard	15.0	8.0	11.4	3.8	2.50	8.9
6	full	21.0	12.6	18.6	3.9	5.20	38.0
	standard	20.0	10.4	15.0	5.3	3.62	23.0
8	full	29.0	12.5	19.9	7.0	6.30	61.0
	standard	20.0	12.6	18.6	4.5	4.78	42.5
Gear Operated							
8	full	69.8	14.8	22.2	24.0	6.6	134
10	full	55.25	17.5	27.7	15.75	10	251
12	full	83.8	17.5	27.7	30.0	10	305
14	full	88.3	20.2	32.6	28.0	11.5	365
	standard	55.25	17.5	27.7	15.75	10.0	261
16	full	88.3	20.2	32.6	28.0	11.5	365
	standard	55.25	17.5	27.7	15.75	10.0	275

PRESSURE RATINGS

Pipe SDR	73°F	100°F	120°F	140°F
7	333	280	243	210
9	250	210	183	158
11	200	168	146	126
13.5	160	134	117	101

MATERIALS

Potable Water NSF / ANSI 61		
item	1/2 - 2"	2" - 16"
Body	Polyethylene	
Adapter	Polypropylene	
Ground Water Seal	Neoprene	
Seat & Stem Seal	EPDM	
Ball	Acetal	Polypropylene
Seat Retainer	Acetal	Polypropylene
Stem	Stainless Steel	Modified Phenylene Oxide
Wastewater		
Body	Polyethylene	
Adapter	Polypropylene	
Ground Water Seal	Neoprene	
Seat & Stem Seal	VKM (Viton)	
Ball	Acetal	Polypropylene
Seat Retainer	Acetal	Polypropylene
Stem	Stainless Steel	Modified Phenylene Oxide
Irrigation		
Body	Polyethylene	
Adapter	Polypropylene	
Ground Water Seal	Neoprene	
Seat & Stem Seal	Buna-N	
Ball	Acetal	Polypropylene
Seat Retainer	Acetal	Polypropylene
Stem	Stainless Steel	Acetal



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