

0929 THREADED & 0929S SLIP SERIES PVC BALL VALVES

FEATURES:

- White PVC body, ball and seats molded in place design
- Severe shock loads and misalignment stress are absorbed by the valve body, not the ball & seat, minimizing the chance of uneven wear & leakage
- Black Handle, mechanically attached with screw covered by handle cap
- Individually boxed

SPECIFICATION:

- Threads conform to ANSI/ASME B1.20.1 & ASTM D2464
- Slip connections conform to ASTM D2466, compatible with both schedule 40 & 80 pipe
- Full port as per IAMPO/ANSI Z1157*. ASTM D2464 (Threaded) & ASTM D2467 SCH 80 (Slip). *EXCEPTION: 1-1/2", 2" & 2-1/2" sizes do not meet full port requirement. See dimensional chart.

CERTIFICATION:

- NSF/ANSI Standard 61 Certified (Drinking Water System Components - Health Effects)
- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content)

RATINGS:

- Working Temperature Range: 41°F to 122°F (5°C to 55°C)
- Max Pressure Rating: 150 PSI @ 73°F (22°C)

TEMPERATURE CORRECTION FACTOR FOR PVC VALVES

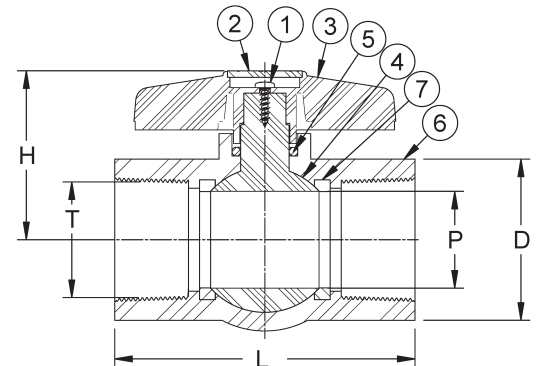
As temperature increases, working pressure decreases. The optimal working pressure for PVC valves is 150 PSI @ 73°F (22°C). If the temperature increases above 73°F (22°C), use the PVC correction factor to determine working pressure. Multiply the maximum working pressure by the correction factor.

Temperature	73°F (22°C)	90°F (32°C)	100°F (38°C)	110°F (38°C)	120°F (49°C)	130°F (54°C)	140°F (60°C)
PVC Correction Factor	1.00	1.00	1.00	0.83	0.66	0.50	0.33



0929 - THREADED

MATERIAL LIST		
Item No.	Name	Material
1	Handle Screw	Zinc Plated Steel
2	Handle Cap	Acrylonitrile butadiene styrene (ABS)
3	Handle	Acrylonitrile butadiene styrene (ABS)
4	Ball/ Stem	PVC
5	Stem O-ring	Ethylene Propylene Diene Terpolymer (EPDM)
6	Valve Body	PVC
7	Ball Seat	Ethylene Propylene Diene Terpolymer (EPDM)



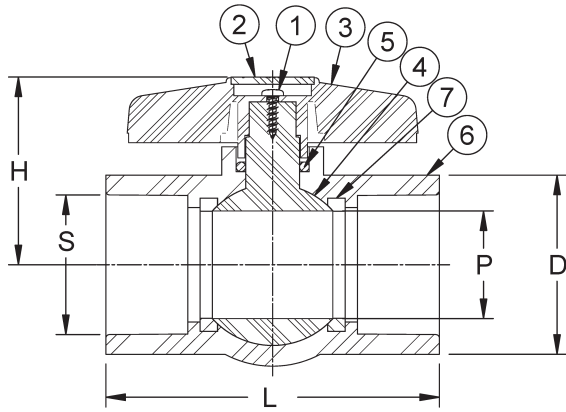
DIMENSIONS													
Part No. Threaded	Nominal Size	T		P		D		H		L		Weight	
		thread	in	mm	in	mm	in	mm	in	mm	lbs	grams	
0929-05	1/2"	1/2" FPT	0.58	14.7	1.19	31.8	1.78	45.3	2.85	74.7	0.165	75	
0929-07	3/4"	3/4" FPT	0.77	19.5	1.45	36.0	2.01	50.9	3.28	83	0.251	114	
0929-10	1"	1" FPT	0.97	24.7	1.77	45.5	2.26	57.3	3.74	101.8	0.408	185	
0929-12	1-1/4"	1-1/4" FPT	1.24	31.5	2.07	53.5	2.66	67.5	4.33	112	0.628	285	
0929-15*	1-1/2"	1-1/2" FPT	1.40	35.5	2.49	62	2.91	73.8	4.72	121	0.882	400	
0929-20*	2"	2" FPT	1.81	46.1	2.99	75	3.32	84.3	5.63	142	1.433	650	
0929-25*	2-1/2"	2-1/2" FPT	2.08	52.8	3.54	90	4.07	103.5	7.20	182	2.712	1230	
0929-30	3"	3" FPT	3.11	78.9	4.25	110	4.48	113.5	9.30	235	4.872	2210	
0929-40	4"	4" FPT	3.83	97.3	5.21	132.4	4.89	124.3	10.10	256	6.658	3020	

*These models do not conform to IAMPO/ANSI Z1157 for full port requirements. 0929-15 port is under by 3% (F.P. minimum requirement is 1.446"), 0929-20 is under by 4% (F.P. minimum requirement is 1.881"), 0929-25 is under by 8% (F.P. minimum requirement is 2.25").



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0929(S) - SLIP

DIMENSIONS													
Part No. Slip	Nominal Size	S**		P		D		H		L		Weight	
		in	mm	in	mm	in	mm	in	mm	in	mm	lbs	grams
0929S-05	1/2"	0.839	21.3	0.58	14.7	1.19	31.8	1.78	45.3	2.85	74.7	0.176	80
0929S-07	3/4"	1.051	26.7	0.77	19.5	1.45	36.0	2.00	50.9	3.28	83	0.251	114
0929S-10	1"	1.315	33.4	0.97	24.7	1.77	45.5	2.26	57.3	3.74	101.8	0.430	195
0929S-12	1-1/4"	1.661	42.2	1.24	31.5	2.07	53.5	2.66	67.5	4.33	112	0.606	275
0929S-15*	1-1/2"	1.902	48.3	1.40	35.5	2.49	62	2.91	73.8	4.72	121	0.860	390
0929S-20*	2"	2.374	60.3	1.81	46.1	2.99	75	3.32	84.3	5.63	142	1.340	608
0929S-25*	2-1/2"	2.874	73.0	2.08	52.8	3.54	90	4.07	103.5	7.20	182	2.624	1190
0929S-30	3"	3.500	88.9	3.11	78.9	4.25	110	4.47	113.5	9.30	235	4.718	2140
0929S-40	4"	4.500	114.3	3.83	97.3	5.21	132.4	4.89	124.3	10.10	256	6.415	2910

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**S represents the Outside Diameter of the pipe

For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at

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