

1710 THREADED AND 1710S SLIP SERIES PVC POPPET TYPE CHECK VALVE (SPRING ASSIST CLOSING)

FEATURES:

- Can be used vertically or horizontally
- Ball sealing design to be able to seal hermetically

SPECIFICATIONS:

- Threads conform to ANSI/ASME B1.20.1 Pipe Threads, General Purpose, Inch
- Tapered socket ends conform to ASTM D2466 for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
- 2lbs. Spring Tension (3")
- Cracking Pressure is equal to or less than 1/2 PSI

CERTIFICATIONS:

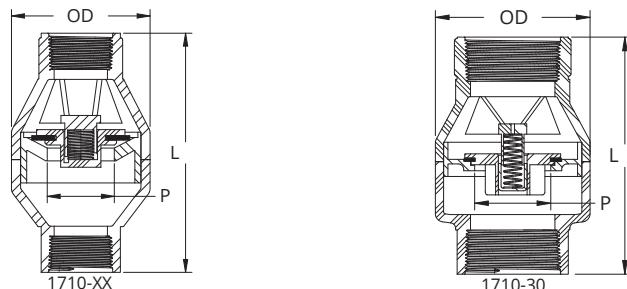
- NSF/ANSI Standard 61 Certified (Drinking Water System Components - Health Effects) (3" only)
- NSF/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content) (3" only)

RATINGS:

- Max Working Pressure: 100 PSI @ 73°F (23°C) (1/2"-2") (refer to temperature derating chart on page 2 if used above 73°F)
- Max Working Pressure: 160 PSI @ 72°F (22°C) (3") (refer to temperature derating chart on page 2 if used above 72°F)

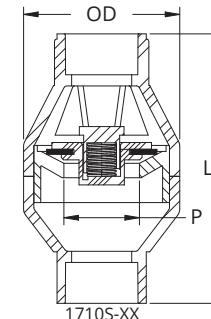
■ WARNING: These valves are not to be used submersible pump applications. These valves are not rated for maximum load capacity.

1710(S)-XX MATERIAL LIST		
No.	Name	Material
1	Outlet Body	UPVC (Unplasticized Polyvinyl Chloride)
2	Poppet	UPVC (Unplasticized Polyvinyl Chloride)
3	Body Seat	UPVC (Unplasticized Polyvinyl Chloride)
4	Spring	302 Stainless Steel
5	Seal	EPDM (Ethylene Propylene Diene Monomer)
6	Inlet Body	UPVC (Unplasticized Polyvinyl Chloride)

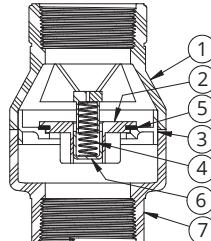
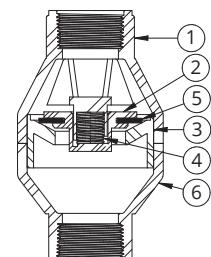


1710 THREADED SERIES DIMENSIONS

Part No.	Connection Size (CS)	Flow Coefficient (CV)	Length (L)		Outside Diameter (OD)		Port Diameter (P)		Weight	
			in	mm	in	mm	in	mm	lbs	grams
1710-05	1/2" FPT	Not currently available	4.13	105.00	1.50	38.00	0.85	21.70	0.32	145
1710-07	3/4" FPT		4.13	105.00	1.50	38.00	1.01	25.70	0.31	140
1710-10	1" FPT		5.24	133.00	1.89	48.00	1.25	31.67	0.55	250
1710-12	1-1/4" FPT		6.18	157.00	2.17	55.00	1.48	37.57	0.88	400
1710-15	1-1/2" FPT		6.18	157.00	2.48	63.00	1.87	47.54	0.95	430
1710-20	2" FPT		7.01	178.00	2.99	76.00	2.34	59.44	1.41	640
1710-30	3" FPT		8.66	219.96	5.65	143.51	2.78	70.61	3.30	1496



Flow Coefficient (CV) is the flow rate through a valve in the fully open position, which will produce a differential pressure of 1 PSI. It is defined as the volume of water in US gallons per minute (GPM) at 60°F (15.5°C)



BII-1710(S)-0925(81PVC2.329) V3

BOSHART
INDUSTRIES

25 Whaley Avenue, PO Box 310
Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164
VISIT US ONLINE AT BOSHART.COM

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			in	mm	in	mm	in	mm	lbs	grams
1710S-05	1/2"	Not currently available	4.13	105.00	1.50	38.00	0.85	21.70	0.32	144
1710S-07	3/4"		4.13	105.00	1.50	38.00	1.01	25.70	0.30	135
1710S-10	1"		5.24	133.00	1.89	48.00	1.25	31.67	0.54	245
1710S-12	1-1/4"		6.18	157.00	2.17	55.00	1.48	37.57	0.87	394
1710S-15	1-1/2"		6.18	157.00	2.48	63.00	1.87	47.54	0.92	418
1710S-20	2"		7.01	178.00	2.99	76.00	2.34	59.44	1.37	620

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For more information on installation, adjustment, repair & operation visit Boshart Knowledge Base at SUPPORT.BOSHART.COM