

17PCV SERIES - POPPET TYPE PVC CHECK VALVE (SPRING ASSIST CLOSING)

FEATURES:

- Flow diverter minimizes turbulence and friction loss
- Stainless Steel spring closes valve against pressure, eliminating flow reversal & minimizing hydraulic shock
- Stemless acetal poppet guide for long-lasting, quiet, trouble free operation in both vertical and horizontal installations
- One-piece Extra Heavy Duty valve body is suitable for submersible pump applications (see maximum load capacity on chart below)
- Can be used vertically or horizontally



SPECIFICATIONS:

- Valve body molded from Rigid PVC
- FPT threads conform to ASME /ANSI B 1.20.1 specifications
- NBR Sealing Gasket ensures a positive seal
- Screws conform to ASME B18.6.3 - Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series)
- Cracking Pressure is equal to or less than 1/2 PSI

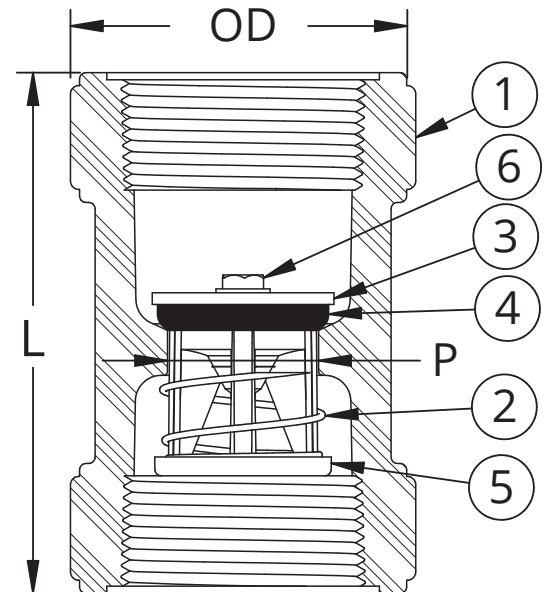
CERTIFICATIONS:

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

RATINGS:

- Max Working Pressure: 150 PSI at 73°F (1034 kPa at 22°C) (refer to temperature derating chart on page 2 if used above 73°F)

MATERIAL LIST		
No.	Part Name	Material
1	Valve Body	Rigid PVC
2	Spring	304 Stainless Steel
3	Poppet Disc	304 Stainless Steel
4	Sealing Gasket	NBR (Nitrile Buna-N Rubber) Durometer 45
5	Stemless Poppet Guide	Acetal
6	Screw	Stainless Steel Plastite



DIMENSIONS											
Part No.	Connection Size (CS)	Flow Coefficient (CV)	Length (L)		Outside Diameter (OD)		Port Diameter (P)		Maximum Load Capacity	Weight	
			in	mm	in	mm	in	mm		lbs	lbs
17PCV075	3/4" FPT	Not currently available	2.91	73.91	1.61	40.89	0.53	13.46	196	0.161	73.03
17PCV100	1" FPT		3.46	87.88	1.91	48.51	0.71	18.03	304	0.252	114.31
17PCV125	1-1/4" FPT		3.92	99.57	2.36	59.94	0.92	23.37	469	0.430	195.04
17PCV150	1-1/2" FPT		4.01	101.85	2.66	67.56	1.16	29.46	606	0.542	245.85
17PCV200	2" FPT		4.65	118.11	3.29	83.57	1.36	34.54	927	0.920	417.31



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