

297D POLYACETAL & 290P POLYPROPYLENE SERIES - SPRING LOADED CHECK VALVE

FEATURES:

- Acetal body check valve
- Can be used horizontally and vertically

SPECIFICATIONS:

- One-piece Extra Heavy Duty valve body molded from Rigid PVC
- FPT threads conform to ASME /ANSI B 1.20.1 American National Standard Taper Pipe Threads
- Viton O-Ring provides better chemical resistance
- Cracking Pressure is equal to or less than 1/2 PSI

CERTIFICATIONS:

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

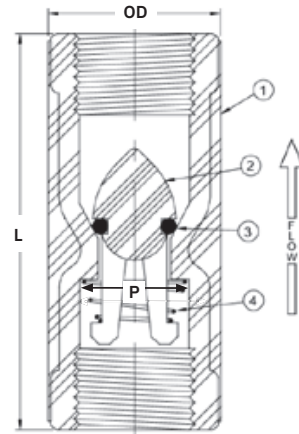
RATINGS:

- Max Inlet Pressure: 150 PSI 10 bar
- Max Temperature Rating: 180°F (82°C)



297D

MATERIAL LIST		
No.	Part Name	Material
1	Valve Body	Polyacetal
2	Poppet	Polyamid
3	O-Ring	Viton
4	Spring	302 Stainless Steel



290P

MATERIAL LIST		
No.	Part Name	Material
1	Valve Body	Polypropylene
2	Poppet	Polypropylene
3	O-Ring	Viton
4	Spring	302 Stainless Steel

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)

DIMENSIONS

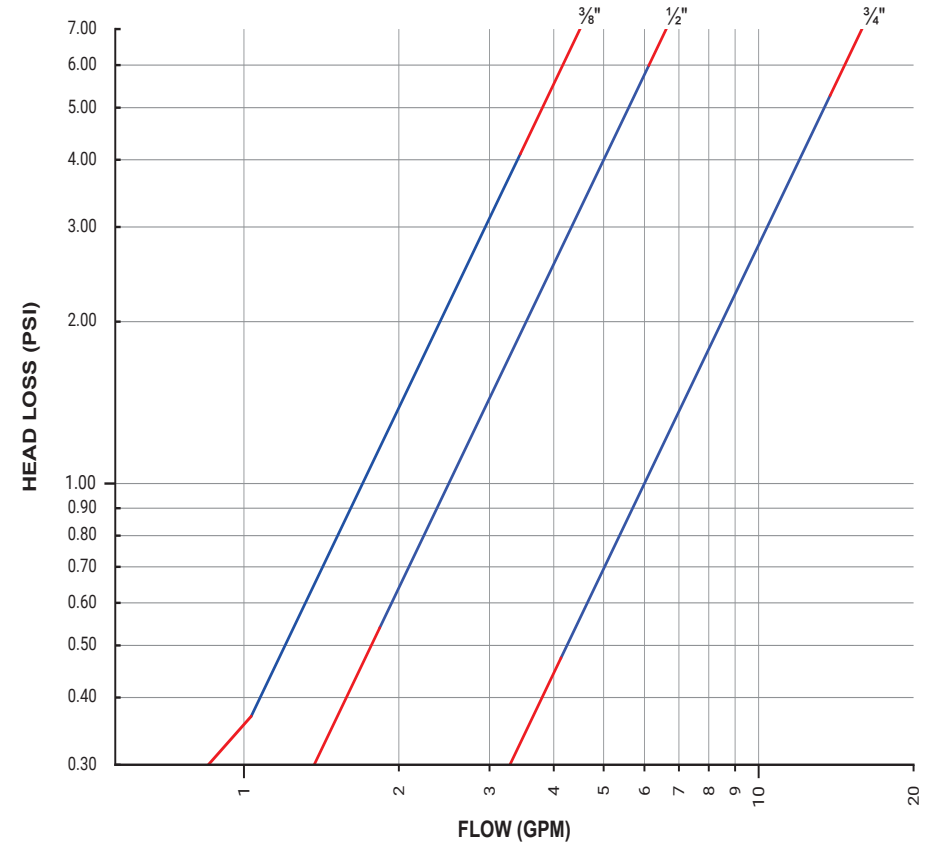
Part No.	Connection Size	Flow Coefficient (CV)	Length (L)		Outside Diameter (OD)		Port Diameter (P)		Weight	
			in	mm	in	mm	in	mm	lbs	grams
175239	1/2" FPT	2.5	1.10	28.00	2.60	66.00	0.50	12.70	0.06	27.22
175359	3/8" FPT	1.7	0.91	23.00	2.13	54.00	0.38	9.65	0.04	18.14
175357	1/2" FPT	2.5	1.10	28.00	2.60	66.00	0.50	12.70	0.06	27.22
175358	3/4" FPT	6	1.34	34.00	3.14	80.00	0.75	19.05	0.09	40.82



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Head Loss Chart - Models 297D and 290P



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