



Spec Sheet: PVC Foot Valve (FV-P)

Features

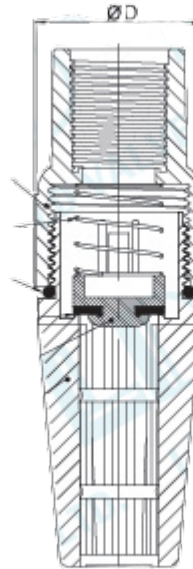
- Self-sealing stainless steel spring equipped not dependent on gravity
- Higher flow intake through unique filter design
- Minimum backflow head pressure: 1 psi
- Available in 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"

Standards

- Thread: NPT

Materials

NO	Parts Name	Materials	PCS
1	End Connector	PVC	1
2	Spring	Stainless Steel	1
3	O-Ring	NBR	1
4	Gasket	NBR	1
5	Valve Slide	PVC	1
6	Filter	PVC	1



CV Factors

Valve Size	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
Factor	39	63	104	167	278	367

Pressure Loss Calculation Formula

$$P = \left[\frac{Q}{C_v} \right]^2$$

P = Pressure Drop

Q = Flow in GPM

Cv = Flow Coefficient

Dimensions

Part NO	Size		L1	L2	ØD	ANSI
-	Inch	DN (mm)	mm	mm	mm	mm
FV-P100	1"	25	155	155	53	33.4
FV-P125	1-1/4"	32	159	157	53	42.16
FV-P150	1-1/2"	40	205	206	80	48.26
FV-P200	2"	50	212	206	80	60.33
FV-P250	2-1/2"	65	250	249	130	73.03
FV-P300	3"	80	282	282	143	88.9