

Brass check valve (W-WB451B)

Application and Features:

Function: Rely on flow of the medium itself to automatically open and close the disc, so as to prevent media backflow;

Applications: Building services, municipal waterworks and light Industrial ...

Product Features:

- Simple structure and low manufacturing cost;
- Rely on flow of the medium itself to open and close the disc;
- No noise;



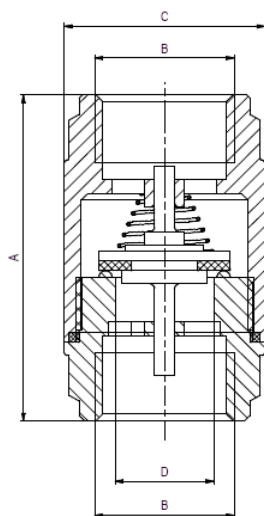
Working Principles:

When media flow in specified direction, the disc opens by the action of media; when media backflow, the disc closes because sealing faces of the disc and seat tightly fit by gravity of itself and by the action of backward force of media on the disc to prevent media backflow.

Technical Specifications:

Nominal Diameter:	1/2"~2"
Nominal Pressure:	PN25
Working Temperature:	0℃~120℃
Working Medium:	water, oil, gas
Connection Standard:	GB/T 7307
Test Standard:	GB/T 13927-2008
Component Material:	
Body:	Brass
Bonnet:	Brass
Stem:	Brass
Seal:	FKM
Spring:	Stainless steel
Flat washer:	PTFE

Installation Dimensions:

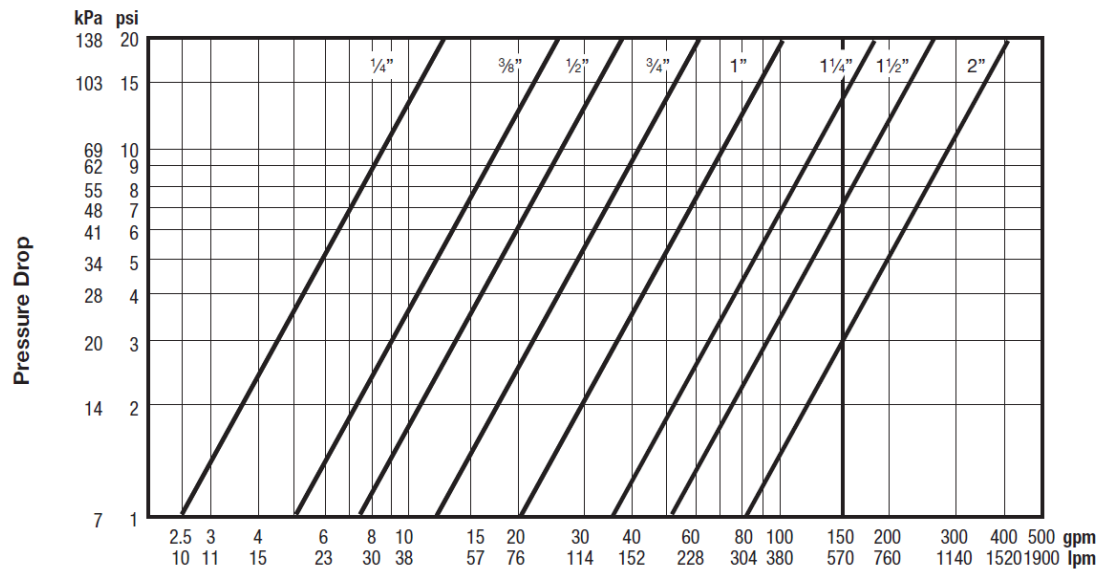


Size	A	B	C	D
1/2"	48	G 1/2	Φ 29.5	Φ 15
3/4"	56.5	G 3/4	Φ 34.8	Φ 20
1"	60	G 1	Φ 43	Φ 25
1-1/4"	68.5	G 1-1/4	Φ 55.2	Φ 32
1-1/2"	73.5	G 1-1/2	Φ 61.6	Φ 40
2"	86.5	G 2	Φ 76.4	Φ 50



Performance data:

Pressure Drop vs. Flow:



Noted: Size 1/4" and 3/8" have been phased out.



Installation Instructions:

- Use threaded connector conforming to relevant standards for connection;
- This valve can be installed horizontally, also can be installed vertically;