

VALVES | TECHNICAL DATA

Dual Plate Wafer Check Valve

Flanged PN16, epoxy coated cast iron body & disc, EPDM seals

PRESSURE	PN16
TEMPERATURE	-10°C to 120°C
APPROVAL	WRAS*

Material list	
Component	Material / specification
Body	Cast Iron EN-JL1040
Disc	Stainless Steel 304
Seat	EPDM
Hinge Pin	Stainless Steel 420
Stop Pin	Stainless Steel 420
Pin Retainer	Stainless Steel 304
Spring	Stainless Steel 304
Washer	PTFE
Gasket	EPDM

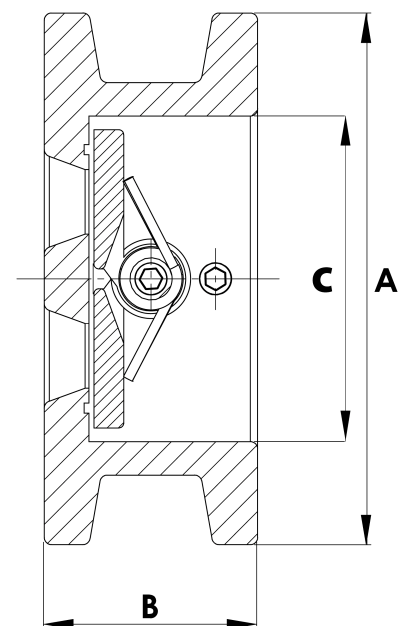
Product and dimensional reference



Dual-plate wafer valve



Approval shown in source*



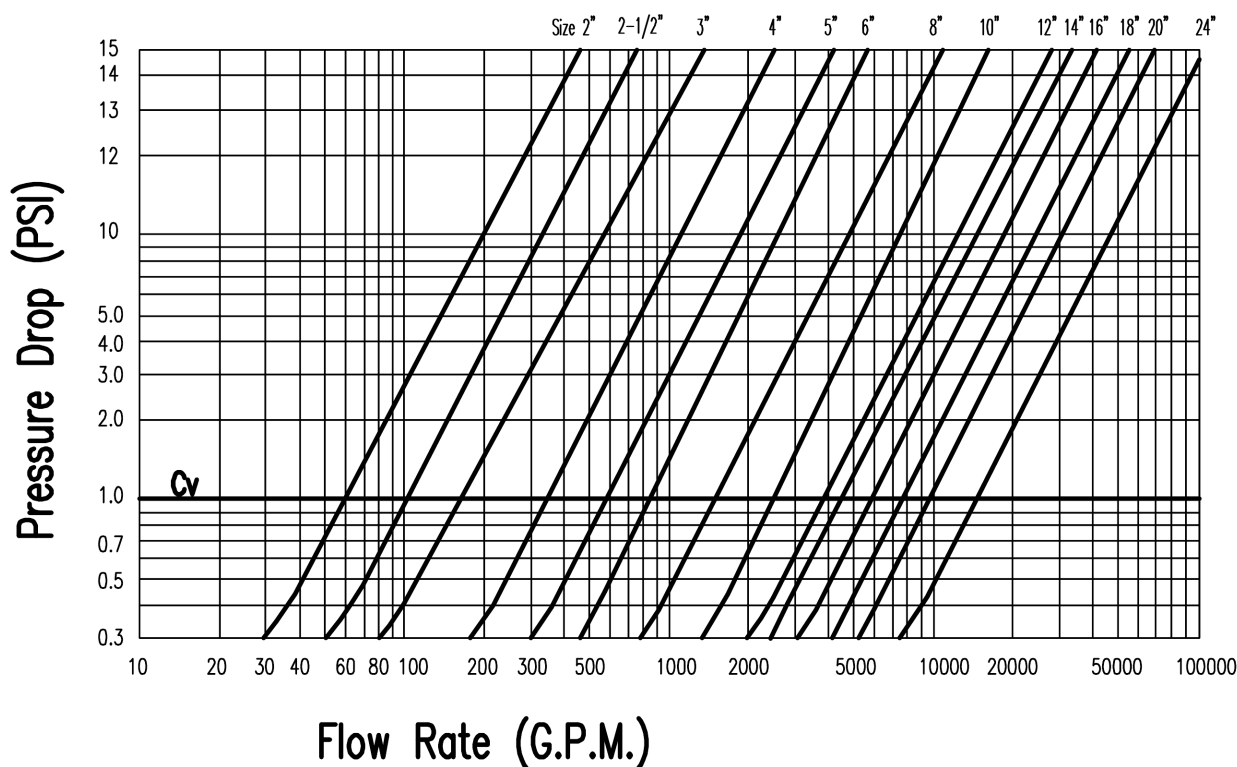
Dimensions						A / B / C units not stated in source
Size	A	B	C	Cracking pressure (mBar)	Kg	
2"	106	54	66	430	1.4	
2 1/2"	126	54	78	410	2.0	
3"	141	57	90	250	2.5	
4"	161	64	115	150	3.4	
5"	191	70	141	150	5.3	
6"	217	76	170	150	7.4	
8"	272	95	210	150	13.5	
10"	327	108	273	150	19.5	
12"	382	143	324	150	32.8	
14"	442	184	356	120	61.0	
16"	494	191	406	120	74.0	
18"	554	203	457	120	100.0	
20"	616	213	508	120	155.0	
24"	733	222	600	120	215.0	

PERFORMANCE | SOURCE REFERENCE

Pressure drop chart

Pressure-drop curves and size labels reproduced from the supplied technical source.

Pressure drop performance



SOURCE NOTES

- A, B and C dimension units are not stated in the source.
- The flow-rate axis is labelled G.P.M.; the gallon basis is not specified.
- WRAS status and performance data are reproduced from the source dated 18 October 2021.

SOURCE CONSISTENCY NOTE

The product description states an epoxy-coated cast iron disc, while the material list states Stainless Steel 304. Both statements are reproduced as supplied and should be confirmed before technical reliance or customer issue.