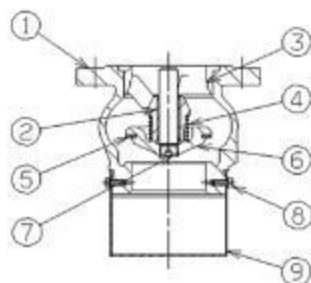


Cast Iron Foot Valve

Cast Iron Casing, Galvanized Steel Strainer, Spring Load Type



Standard Flange Drilled

- JIS B2210 / ANSI B16.5 / DIN2501
- Class 10 K / 150 lbs / PN10

TECHNICAL CHARACTERISTICS

- Minimum head-loss
- Silent, reliable sealing, compact
- Exception robustness
- Do not generate hammering

DESCRIPTION

- Closing system : Long back axial guiding for reduced displacement.
- Sealing guaranteed by a flat seal
- Return spring

DESIGN SPECIFICATIONS

- | | |
|--------------|----------------------------|
| 1 Casing | : Cast Iron GG25 |
| 2 Ring | : Bronze G-CuZn12 |
| 3 Guide | : Cast Iron GG25 |
| 4 Spring | : Stainless Steel ANSI 302 |
| 5 Seal | : NBR |
| 6 Head Valve | : Cast Iron GG25 |
| 7 Stem Valve | : Stainless Steel |
| 8 Screw | : Stainless Steel |
| 9 Strainer | : Galvanized Steel |

Pressure and Temperature

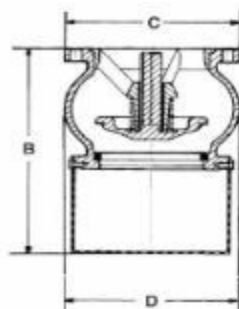
- Working Temperature : -10° C to +130° C
 Working Pressure : 10 bar
 Test Pressure : 16 bar

MATERIALS OPTIONS

- Strainer : SS 304, SS 316, Polymer
- Head Valve : Bronze ; SS304; SS316
- Seal : EPDM; PTFE; Viton; etc.

DIMENSION

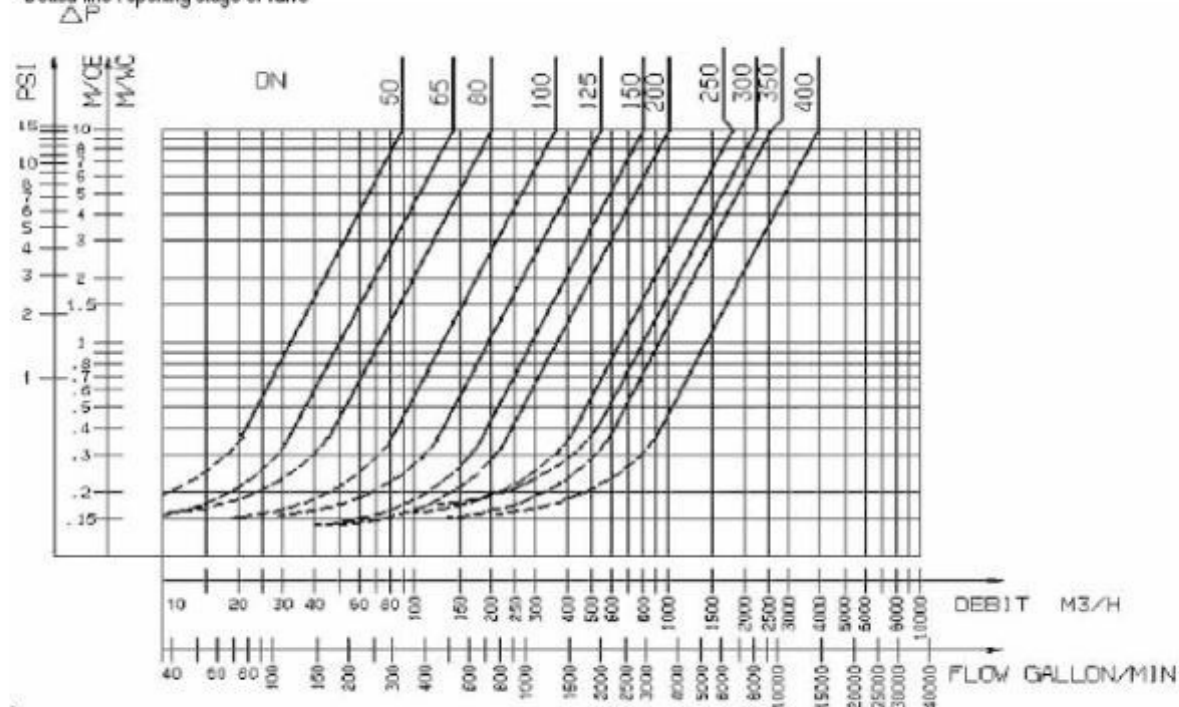
SIZE / DN	C	D	B
2" / 50	165	97	143
2½" / 65	185	125	185
3" / 80	200	150	218
4" / 100	220	181	265
5" / 125	254	217	333
6" / 150	285	256	373
8" / 200	343	336	483
10" / 250	406	416	572
12" / 300	482	486	652
14" / 350	520	580	771
16" / 400	580	676	876
18" / 450	640	750	968
20" / 500	715	832	1070



HEADLOSS CHART

Directions for use :

- Solid line : Valve completely open
- Dotted line : opening stage of valve



OPENING PRESSURE in mm/WC

DN	"	mm	Opening pressure in mm/CE		Kv	ζ
			▲	Without spring		
2	50	230		110	89,00	1,23
2 1/2	65	240		130	143,00	1,36
3	80	280		130	199,00	1,60
4	100	290		130	356,00	1,20
5	125	350		150	557,00	1,20
6	150	400		170	801,00	1,20
8	200	450		190	1008,00	2,46
10	250	560		250	1818,00	1,85
12	300	760		365	2210,00	2,60
14	350	810		380	2560,00	3,60
16	400	900		450	3930,00	2,60