HC-92001

Foot Valve ***PN16***

Feature & Benefits

- Temperature range: 0℃ - 80℃
- Ductile iron body
- Fusion bonded epoxy coating
- Design to BS5153



Test Pressure & Temperature

Temperature	Hydraulic
0°C to 80°C	Shell: 24 bar
	Seat: 17.6 bar

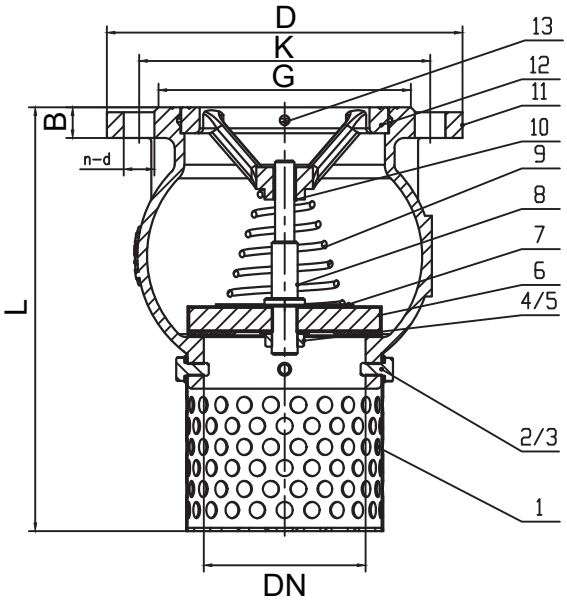
Connection Standard

- End flange: EN1092-2

Materials

NO.	PART	Materials
1	Filter mesh	304 stainless steel
2	Hex head bolt	Stainless steel
3	Flat washer	Stainless steel
4	Hex nut	Stainless steel
5	Flat washer	Stainless steel
6	Valve core	Q235 steel + NBR
7	Flat washer	Stainless steel
8	Valve shaft	Stainless steel
9	Spring	Stainless steel
10	Shaft sleeve	Copper
11	Body	Ductile iron
12	Bonnet	Ductile iron
13	Screw	Stainless steel

Dimensional Drawing



Dimensions

DN	L	1.0MPa					1.6MPa				
		D	K	G	n-d	B	D	K	G	n-d	B
50	171	165	125	99	4-19	19	165	125	99	4-19	19
65	185	185	145	118	4-19	19	185	145	118	4-19	19
80	213	200	160	132	8-19	19	200	160	132	8-19	19
100	270	220	180	156	8-19	19	220	180	156	8-19	19
125	304	250	210	184	8-19	19	250	210	184	8-19	19
150	391	285	240	211	8-23	19	285	240	211	8-23	19
200	493	340	295	266	8-23	20	340	295	266	12-23	20
250	630	405	350	319	12-23	22	405	355	319	12-28	22
300	644	460	400	370	12-23	25	260	410	370	12-28	25
350	613	505	460	429	16-23	25	520	470	429	16-28	27
400	682	565	515	480	16-28	25	580	525	480	16-31	28
450	764	615	565	530	20-28	26	640	585	548	20-31	30
500	811	670	620	582	20-28	27	715	650	609	20-34	32
600	922	780	725	682	20-31	30	840	770	720	20-37	36