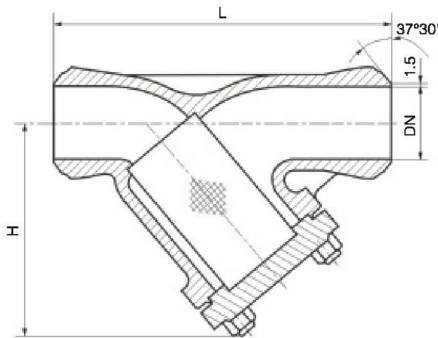
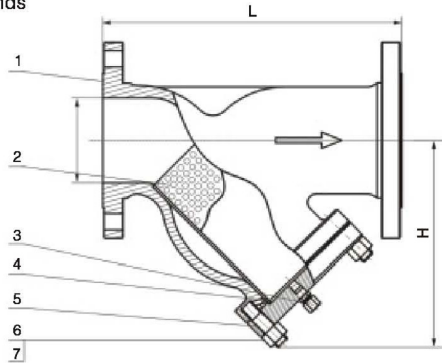


Standards

Design and Manufacture: BS 1873, BS EN 13709
 Face to Face Dimensions: DIN3202, BS EN 558-1
 Flange Ends Dimensions: DIN2543-2551, BS EN 1092-1
 Test & Inspection: DIN 3230, BS EN 12569



BW Ends



Percentage Open Area

Even the mesh is same, open area is not always same due to the diameter of wire. The details of wire as follows:

A: Number of Wire B: Diameter of Wire
 C: Width of Opening D: Percentage of Open Area

MESH	A SWG	B m/m	C m/m	D %
5	20	0.914	4.166	67.3
10	22	0.711	1.829	51.8
20	28	0.356	0.914	51.8
30	32	0.274	0.572	45.7
40	36	0.193	0.442	48.4
50	37	0.172	0.336	43.6
60	38	0.152	0.271	41.0
80	40	0.122	0.195	37.8
100	42	0.102	0.152	35.8
120	43	0.092	0.119	31.8
150	45 1/2	0.066	0.103	37.1
180	46 1/2	0.053	0.088	38.9
200	47	0.051	0.076	35.8
250	48	0.040	0.062	37.7
300	48	0.039	0.044	27.6

Main Parts Materials

NO.	Part Name	Material		
1	Body	DIN 17245 GS-C25	DIN 17445 1.4308	DIN 17445 1.4408
2	Screen	SS304	SS304	SS316
3	Plug	ASTM 193 B7	ASTM 193 B8	ASTM 193 B8
4	Gasket	ASTM 194 2H	ASTM 194 8	ASTM 194 8
5	Cover	Graphite+SS304	Graphite+SS304	Graphite+SS316
6/7	Bolt/Nut	DIN 17245 GS-C25	DIN 17445 1.4308	DIN 17445 1.4408

Dimensions Data

PN16(DIN 3202-F1)																			
DN	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450
H	mm	98	103	108	115	140	150	175	205	245	285	335	415	490	570	580	618	730	890
PN25(DIN 3202-F1)																			
DN	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450
H	mm	98	103	108	115	140	150	175	205	245	285	335	415	490	570	580	618	730	890
PN40(DIN 3202-F1)																			
DN	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450
H	mm	98	103	108	115	140	150	175	205	245	285	335	415	490	570	580	618	730	890