

Dimensions, kvs- and zeta-values / parts

DN	L	H	H1	H2	H3	B	Screen		d1	d2	l1	l2	Standard screen		Fine screen		Y-pattern	
							standard (w)	fine (w)					Y-pattern		Y-pattern		V1)	
													kvs	zeta	kvs	zeta		
15	130	90	135	94	130	10	1	0,25	23,0	25,0	56	48	6,9	1,7	6,2	1,9	10,0	
20	150	100	150	94	138	10			28,0	25,0	68	48	10,8	2,2	10,1	2,4	8,4	
25	160	115	180	102	150	25			36,0	31,0	82	57	17,8	1,9	16,8	2,4	8,3	
32	180	125	205	102	143	35			42,0	36,0	98	57	26,1	2,4	24,3	2,8	7,1	
40	200	150	235	123	166	45			50,0	46,0	114	68	36,7	3,0	32,9	3,7	6,8	
50	230	160	250	126	172	45			61,5	55,5	119	70	61,0	2,7	49,5	4,0	5,2	
65	290	180	285	148	206	25			78,5	69,5	134	85	98,6	2,9	80,3	4,9	4,4	
80	310	215	330	170	234	40			89,5	85,5	149	97	146,0	3,0	115,0	4,9	3,7	
100	350	235	365	202	282	55			109,5	105,5	169	112	234,0	2,9	189,0	4,4	2,8	
125	400	275	425	285	388	65			137,5	131,5	199	138	376,0	2,7	303,0	4,2	2,7	
150	480	305	480	320	443	50			160,0	159,0	224	169	394,0	4,5	405,0	4,3	2,4	
200	600	390	610	417	585	80			210,0	210,0	284	230	652,0	5,5	590,0	6,7	2,3	
250	730	540	915	-	-	230			258,0	-	434	-	1225,0	4,1	1231,0	4,1	2,7	
300	850	680	1110	-	-	350			308,0	-	555	-	1873,0	3,7	1883,0	3,6	2,9	
350	large diameters on request																	
400																		
500																		

1) V=Ratio of the free screening surface to the surface of the nominal diameters

Zeta-value...with tolerance out of the kv-value-calculation according to VDI/VDE 2173

Dimensions of flanges see page 5 or flange slide

Y-Strainer with flanges:

Face to face length FTF series 1 according to DIN EN 558-1 (DIN 3202-1 series F1)

Y-Strainer with butt weld ends:

Face to face length according to DIN 3202-2 series S7

Figure	10./12.050	22./23.050	34./35.050; 34./35.080;	52./55.059	
Part	Description				
	Material, Material-Nb.				
1	Body	GG-25, 0.6025	GGG-40.3, 0.7043	1.0619+N, 1.0619.01 (GS-C25N)	1.4408
2	Cover	DN<200: GG-25, 0.6025 DN200: P265 GH (kbl,HI) DIN17155	DN<100: GGG-40.3, 0.7043 DN100: P265 GH (kbl,HI) DIN17155	DN<100: 1C22TN, 1.0460 (C22.8) DN100: P265 GH (kbl,HI) DIN 17155	X 6 CrMoTi 17-12, 1.4571
3	Screen	X 5 CrNi 18-9, 1.4301			X 6 CrMoTi 17-12, 1.4571
3.1	Supporting basket	X 5 CrNi 18-9, 1.4301			X 6 CrMoTi 17-12, 1.4571
4	Studs	24 CrMo 5, 1.7258			A4-70
5	Hexagon nuts	Ck35, 1.1181			A4
6	Seal	CrNi laminated both sides with pure graphite			
8	Bleed screw**	Ck 35, 1.1181			
9	Sealing ring	Ø			
*Necessary at higher differential pressures (higher price)					
**Bleed screw only on request (higher price)					