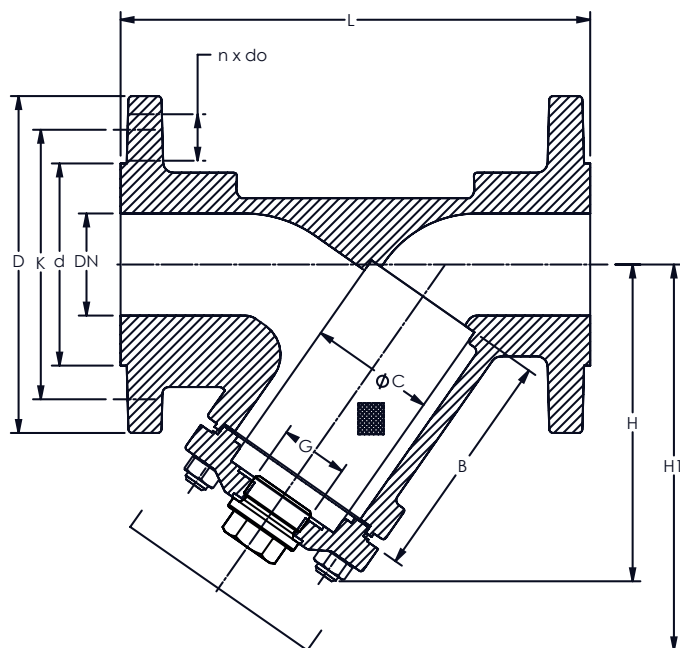




Features

- screen made of stainless steel (from DN 50 with reinforced ring, from DN 150 with supporting basket)
- compact settlement
- environment-friendly
- cleaning of screen without disassembling
- face-to-face dimension according to EN 558 series 1
- flanges drilled according to EN 1092-2
- closing tightness according to EN -12266-1

Connections

Flanged DIN

Maximum Operating Conditions

Maximum operating pressure

Model ESY-1

16 barg @ 300 °C

Model ESY-2

25 barg @ 350 °C

Model ESY-3

40 barg @ 400 °C

Material Table for ESY Series

	ESY-1	ESY-2	ESY-3
Body	Grey Cast Iron EN – GJL-250	Nodular Cast Iron EN – GJL-400-18-LT	Cast Steel GP240GH
Cover	Grey Cast Iron EN – GJL-250	Nodular Cast Iron EN – GJL-400-18-LT	Cast Steel GP240GH
Screen	Stainless Steel X5CrNi18-10	Stainless Steel X5CrNi18-10	Stainless Steel X5CrNi18-10
Supporting Basket	Stainless Steel X5CrNi18-10	Stainless Steel X5CrNi18-10	Stainless Steel X5CrNi18-10
Studs	8.8-A2A	A2-70	25CrMo4
Hexagon Nut	8-A2A	A2-70	C35E
Emptying Screw	C35E	C35E	C35E
Plug Gasket	A4 1.4571	A4 1.4571	A4 1.4571
Cover Gasket	CrNiSt - Graphite	CrNiSt - Graphite	CrNiSt - Graphite
Plug	carbon steel	carbon steel	carbon steel

Screen * Table for ESY Series

Screen	Type	DN	Mesh	Mesher Screen
Standard	F45	15-50	1.0	45
	F28	65-80	1.25	28
	F15	100-400	1.6	15
Other Performance	F100 (0.6), F200 (0.5), F300 (0.4), F400 (0.32), F600 (0.25)			

* type with magnetic cartridge on client's request

Dimensions Table for ESY-1 (PN16) & ESY-2 (PN25) in mm

DN	PN16					PN25							PN16	PN25	PN16, PN25	
	L	D	d	K	nxdo	D	d	K	nxdo	H	H1	G	weight in Kg		C	B
15	130	95	46	65	4x14	95	46	65	4x14	90	135	3/8	2.6	2.6	23	56
20	150	105	56	75	4x14	105	56	75	4x14	100	160	3/8	3.0	3.0	28	68
25	160	115	65	85	4x14	115	65	85	4x14	115	180	3/4	4.3	4.3	36	82
32	180	140	76	100	4x19	140	76	100	4x19	135	215	3/4	6.8	6.8	42	98
40	200	150	84	110	4x19	150	84	110	4x19	150	240	1	8.8	9.0	50	114
50	230	165	99	125	4x19	165	99	125	4x19	160	250	1	11.0	11.0	61.5	119
65	290	185	118	145	4x19	185	118	145	8x19	180	285	1	14.6	16.8	78.5	134
80	310	200	132	160	8x19	200	132	160	8x19	215	330	1	18.6	19.5	89.5	149
100	350	220	156	180	8x19	235	156	190	8x23	240	395	1-1/2	27.0	29.6	109.5	169
125	400	250	184	210	8x19	270	184	220	8x28	280	455	1-1/2	38.5	42.5	137.5	199
150	480	285	211	240	8x23	300	211	250	8x28	330	525	1-1/2	54.5	56.0	160	224
200	600	340	266	295	12x23	360	274	310	12x28	405	650	1-1/2	110.0	110.0	210	284

Dimensions Table for ESY-3 (PN40) in mm

DN	PN40								PN40	PN40	
	L	D	d	K	nxdo	H	H1	G	weight in Kg	C	B
15	130	95	45	65	4x14	90	135	3/8	2.7	23	56
20	150	105	58	75	4x14	100	160	3/8	3.6	28	68
25	160	115	68	85	4x14	115	180	3/4	4.5	36	82
32	180	140	78	100	4x18	135	215	3/4	6.3	42	98
40	200	150	88	110	4x18	150	240	1	8.7	50	114
50	230	165	102	125	4x18	160	250	1	11.0	61.5	119
65	290	185	122	145	8x18	180	285	1	18.5	78.5	134
80	310	200	138	160	8x18	215	330	1	23.5	89.5	149
100	350	235	162	190	8x22	240	395	1-1/2	33.0	109.5	169
125	400	270	188	220	8x26	280	455	1-1/2	54.0	137.5	199
150	480	300	218	250	8x26	330	525	1-1/2	75.0	160	224
200	600	375	285	320	12x30	405	650	1-1/2	137.0	210	284