

Y-Flange strainer, Article 697-VA and 697-VA/FS

Diameter DN 25 up to DN 300

Y-flange strainers are used to filter dirt particles from conveyor pipe lines, mostly used after pumps or filling lines. Depending on filtration degree, different stainless steel sieve inserts with different mesh sizes are available.

Suitable shut-off devices in front of and behind the strainer enable the flow of media to be interrupted and enable safe opening. The residual medium can be drained off via the drain screw (up and incl. diameter DN 32) before the cover is opened. The direction of flow is indicated by an arrow on the housing. Installation in horizontal and vertical pipeline possible. The sieve should be cleaned when the differential pressure rises more than > 400 mbar.

☞ **Face to face according to ISO 558-1, series 1 (DIN 3202 F-1)**

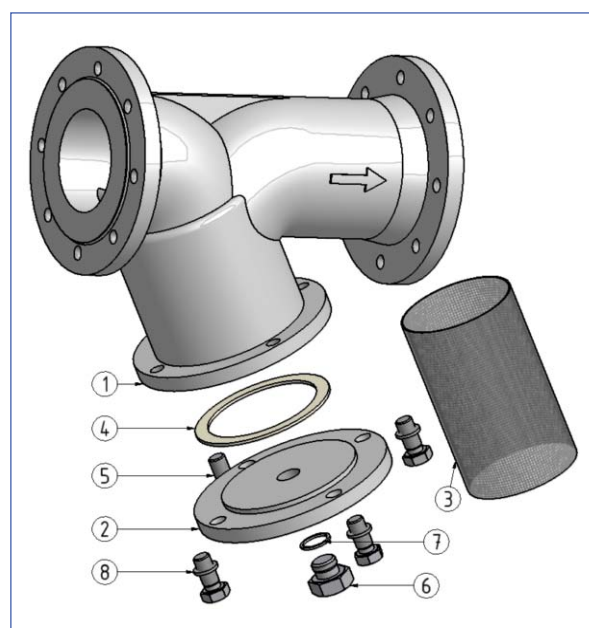
☞ **Connection according to DIN / ISO 1092-1 PN 10/16**



CE	0035
T °C	Ambient -25°C ... +80°C
T °C	Medium -25°C ... +200°C

Article 697-VA

Pos.	Description	Material
1	Body	Stainless steel A351 CF8M
2	Cover	Stainless steel A351 CF8M
3	Sievel	Stainless steel A182 F316
4	Cover seal	PTFE
5	Cover screw	Stainless steel A182 F304
6	Drain screw	Stainless steel A351 CF8M
7	Seal	PTFE
8	Washer	Stainless steel A182 F304



Flow values standard sieve

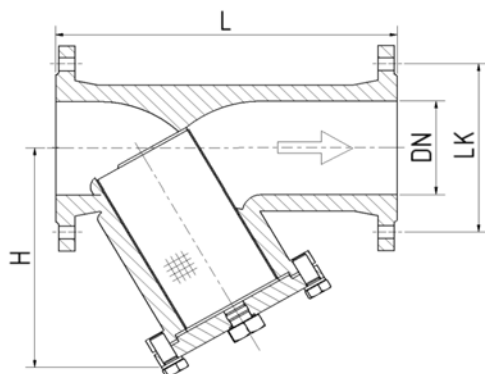
Diameter	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300
Mesh size	1,0 mm	1,0 mm	1,0 mm	1,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm	2,0 mm
KV-value	17,10	27,15	43,10	66,60	119,50	173,50	217,50	555,0	684,0	1282,0	1539,0	1795,0

Flow values fine sieve (mesh diameter 0,25 mm)

Diameter	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300
Mesh size	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm	0,25 mm
KV-value	16,26	25,60	41,80	63,70	105,40	144,00	196,70	284,0	389,0	570,0	710,0	870,0

Y-Flange strainer, Article 697-VA and 697-VA/FS

Diameter DN 25 up to DN 300



		Article-No.:		Article-No.:		Stainless steel ASTM A351 CF8M					
Diameter		697-VA	mesh size (mm)	697-VA/FS fine mesh	mesh size (mm)	L (mm)	H (mm)	LK (mm)	drain screw	Design pressure (bar)	weight (kg)
1"	DN 25	502.7217.6.15	1,0	502.7251.6.15	0,25	160	100	85	--	16	3,60
1 1/4"	DN 32	502.7217.6.18	1,0	502.7251.6.18	0,25	180	115	100	G 1/2"	16	4,72
1 1/2"	DN 40	502.7217.6.19	1,0	502.7251.6.19	0,25	200	130	110	G 1/2"	16	6,02
2"	DN 50	502.7217.6.21	1,0	502.7251.6.21	0,25	230	150	125	G 1/2"	16	9,00
2 1/2"	DN 65	502.7217.6.24	2,0	502.7251.6.24	0,25	290	190	145	G 1/2"	16	12,81
3"	DN 80	502.7217.6.25	2,0	502.7251.6.25	0,25	310	225	160	G 1/2"	16	17,36
4"	DN 100	502.7217.6.27	2,0	502.7251.6.27	0,25	350	230	180	G 3/4"	16	20,03

		Article-No.:		Article-No.:		Stainless steel ASTM A351 CF8M					
Diameter		697-VA	mesh size (mm)	697-VA/FS fine mesh	mesh size (mm)	L (mm)	H (mm)	LK (mm)	drain screw	Design pressure (bar)	weight (kg)
5"	DN 125	22.7217.6.28	2,0	22.7251.6.28	0,25	400	274	210	G 3/4"	16	29,0
6"	DN 150	22.7217.6.29	2,0	22.7251.6.29	0,25	480	326	240	G 3/4"	16	43,0
8"	DN 200	22.7217.6.31	2,0	22.7251.6.31	0,25	600	397	295	G 3/4"	16	73,0
10"	DN 250	22.7217.6.33	2,0	22.7251.6.33	0,25	730	512	355	G 3/4"	16	128,0
12"	DN 300	22.7217.6.34	2,0	22.7251.6.34	0,25	850	562	410	G 3/4"	16	184,0

697-VA Sieve inserts with special mesh sizes

mesh size	Art.-add. 502.7217.6. __-__	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100
0,6 mm	article additional	15-0,6	18-0,6	19-0,6	21-0,6	24-0,6	25-0,6	27-0,6
1,0 mm	article additional	Standard	Standard	Standard	Standard	24-1,0	25-1,0	27-1,0
1,5 mm	article additional	15-1,5	18-1,5	19-1,5	21-1,5	24-1,5	25-1,5	27-1,5
2,0 mm	article additional	15-2,0	18-2,0	19-2,0	21-2,0	Standard	Standard	Standard



sealing set

697-VA Cover and Drain valve sealing PTFE

Art.-No. 502.7265.18. __	15	18	19	21	24	25	27
Diameter	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100