



**Flüssiggas-Anlagen**

## **»Group 14«**

**Strainers, Traps, Fine-Mesh Filters**

**Filling Device for Methanol**

**Drain Device**



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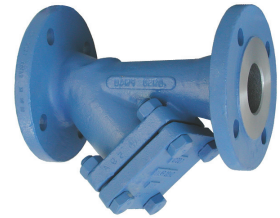
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## »14« Strainers, Traps, Fine-Mesh Filters - Filling Device for Methanol - Drain Device

**Strainer PN 40**, housing of cast steel GS-C 25, Y- type with flange connection to DIN 2635, dimensions and bolt holes to DIN standards, inner screen of stainless steel mesh, specifications stamp to AD requirements, with inspection certificate 3.1.B to EN 10 204

Type:	<b>A</b> = standard type				
Type:	<b>B</b> = with fine-mesh screen, mesh size 0,25 mm				
<b>Order No.</b>	<b>Order No.</b>	Size	Length	Mesh Size	Weight
Type <b>A</b>	Type <b>B</b>	DN	L	Type <b>A</b>	(kg)
14 001	14 011	15	130	0,60	2,0
14 002	14 012	20	150	0,60	3,0
14 003	14 013	25	160	0,60	4,0
14 004	14 014	32	180	0,60	6,0
14 005	14 015	40	200	0,60	8,0
14 006	14 016	50	230	0,60	11,0
14 007	14 017	65	290	1,20	15,0
14 008	14 018	80	310	1,20	24,2
14 009	14 019	100	350	1,20	28,0
14 010	14 020	125	400	1,20	44,0
14 000	14 040	150	480	1,20	62,0



Other sizes and strainer in nominal pressure PN 16, or with ANSI flange are available on request.

**Strainer PN 40**, Y-type, with female thread, inner screen of stainless steel mesh

Type:	<b>A</b> = housing of cast steel GS-C 25, standard type, mesh size 0,5 mm, with inspection certificate 3.1.B to EN 10 204
Type:	<b>B</b> = housing of cast steel GS-C 25, with fine-mesh screen, mesh size 0,25 mm, with inspection certificate 3.1.B to EN 10 204
Type:	<b>C</b> = housing of brass, nickel-plating, mesh size 0,5 mm, with test report 2.2 to EN 10 204



<b>Order No.</b>	<b>Order No.</b>	Connection	Length	Weight	<b>Order No.</b>	Connection	Length	Weight
Type <b>A</b>	Type <b>B</b>	NPT	L	(kg)	Type <b>C</b>		L	(kg)
14 051	14 061	1/2"	80	0,3	14 071	G 1/2"	80	0,3
14 052	14 062	3/4"	95	0,4	14 072	G 3/4"	95	0,4
14 053	14 063	1"	100	0,8	14 073	G 1"	100	0,8
14 054	14 064	1 1/4"	120	1,2	14 074	G 1 1/4"	120	1,2
14 055	14 065	1 1/2"	140	1,5	14 075	G 1 1/2"	140	1,5
14 056	14 066	2"	180	2,4	14 076	G 2"	180	2,4

Other sizes are available on request.

**Strainer PN 40**, for installation between flanges, in short version to DIN 3202, cylindrical housing with two discharging screws, housing of steel H II, mesh size 1,0 mm with inspection certificate 3.1.B to EN 10 204

<b>Order No.</b>	DN	L	D	Weight
14 091	40	40	92	1,1
14 092	50	42	107	1,3
14 093	65	46	127	1,5
14 094	80	50	142	2,3
14 095	100	60	168	2,8



**Filling Device for Methanol PN 25**, consisting of:

1. Adapter, brass, 1 3/4" ACME with pin, for attachment to filler valve
2. Shut-off valve, brass, 3/4" NPT
3. Vent valve, brass, 1/4" NPT
4. Methanol-pressure vessel, steel, constructed to AD requirements and TRB nominal capacity approx. 2 litres
5. Plug, steel, 3/4" NPT
6. High-pressure LPG hose, DN 10, length approx. 2 meters
7. Swivel POL adapter for connection to service valve for gas withdrawal or to overfill control device

<b>Order No.</b>	Execution	Weight
14 085	with inspection certificate 3.1.B to EN 10 204 and manufacturer's certificate	7,2



## »14« Strainers, Traps, Fine-Mesh Filters - Filling Device for Methanol - Drain Device

**Trap PN 25**, with 1" NPT connection for level sensor, for installation downstream from vaporizer stations, constructed to AD requirements and TRB, primed, with inspection certificate 3.1.B to EN 10 204 and with <sup>1)</sup> manufacturer's certificate or <sup>2)</sup> TÜV approval

All traps are fitted with a fine-mesh screen, mesh size 1,0 mm, gas deflector and drain valve.

Order No.	Connection		Contents Litres	Length A	Weight (kg)
	Flange PN 40	Half Coupl.			
14 121 <sup>1)</sup>	-	1/2" NPT	2,9	160	6,0
14 122 <sup>1)</sup>	-	3/4" NPT	2,9	160	6,9
14 123 <sup>1)</sup>	-	1" NPT	2,9	160	7,8
14 124 <sup>1)</sup>	DN 25	-	2,9	220	8,7
14 125 <sup>1)</sup>	DN 32	-	2,9	220	9,5
14 126 <sup>1)</sup>	DN 40	-	2,9	225	10,1
14 127 <sup>1)</sup>	DN 50	-	2,9	230	12,4
14 128 <sup>2)</sup>	DN 65	-	12,5	330	26,8
14 129 <sup>2)</sup>	DN 80	-	12,5	340	28,6
14 130 <sup>2)</sup>	DN 100	-	12,5	350	31,7

14 100 **Extra charge for painting.**

26 135 **Extra charge for level sensor FTL 50**, PN 25, 1" NPT male connection, approved for use in hazardous locations, Zone 0 with PTB-type approval, length of sensor: 66,5 mm

26 136 **Extra charge for liquid level transducer FTL 320**, with intrinsically safe electrical input and relay output 1-canal, power supply 230 V AC, built in housing

14 120 **Extra charge** for sealing of level sensor including pressure test



**Fine-Mesh Filter PN 25**, for stationary systems, constructed to AD requirements and to TRB, primed, with inspection certificate 3.1.B to EN 10 204 and with <sup>1)</sup> manufacturer's certificate or <sup>2)</sup> TÜV approval

All fine-mesh filters for stationary systems are of the straight type. Connecting flanges comply with DIN 2635, PN 40.

The fine-mesh screen consists of stainless steel mesh in accordance with DIN 4189 with a mesh-size of 0,125 mm.

The fineness of the fine-mesh filters complies with the recommendations of pump and metering equipment manufacturer. The surface area of an open fine-mesh filter is at least 5 times the cross-section of the connection.

The lid of the fine-mesh filter is fitted with a 1/2" NPT female connection with plug.

Order No.	DN	A	B	øD	L	Weight
14 131 <sup>1)</sup>	25	250	205	133	285	11,0
14 132 <sup>1)</sup>	32	250	255	133	335	13,0
14 133 <sup>1)</sup>	40	285	250	152	335	16,0
14 134 <sup>1)</sup>	50	285	310	152	395	19,0
14 135 <sup>2)</sup>	65	350	350	194	465	29,0
14 136 <sup>2)</sup>	80	350	440	194	560	33,0
14 137 <sup>2)</sup>	100	460	585	273	720	42,0
14 138 <sup>2)</sup>	125	460	585	273	720	42,0

14 100 **Extra charge for painting.**



**Drain Device PN 25**, for draining water from stationary pressure vessels, constructed to AD requirements and TRB, capacity approx. 4 litres, inlet flange to DIN 2635, PN 40, primed, with inspection certificate 3.1.B to EN 10 204 and manufacturer's certificate

Type: **A** = Angle valve, brass, 3/4" NPT with plug, relief valve, brass, **type approval** 3/4" NPT, set pressure 25 bar with TÜV approval

Type: **B** = Ball valve, steel 1/2" NPT with plug, relief valve, stainless steel, **type approval** 1/2" NPT, set pressure 25 bar with TÜV approval

Order No.	Order No.	Connection	Dimensions		Weight
Type A	Type B	DN	A	B	(kg)
14 151	14 156	15	310	300	5,2
14 152	14 157	20	310	300	5,5
14 153	14 158	25	310	300	5,7

14 100 **Extra charge for painting.**

