Type overview / Supplementary equipment

with needle system / septum or PTFE adapter





Type SAMPLING

• spilling eliminated and contamination free

DN 15 - 100 / PN 10 - 40 NPS 1/2 - 4 / class 150 - 300

Ventilation: internally back to system



specific defined representative sample quantity

- safe and simple operation
- absolutely tight

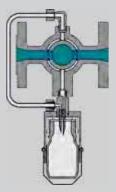
- purge device (e.g. CO₂ or N₂)
- bypass
- heating jacket

Design characteristics

- closed system
- cavity-free
- pressure-free sampling (positive overlap)

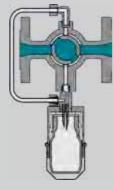
Options

Functionality

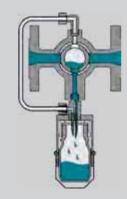


SAMPLING Type A with needle system

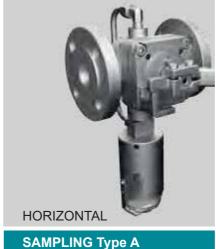
circulation / filling the plug



pressure-free sampling (positive overlap)



sample drawing (ventilation: internally back to system)



with needle system and septum

Actuation: hand lever, front

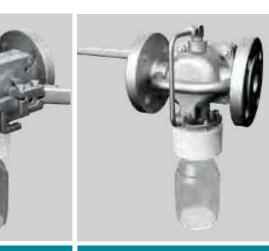
for lab bottle

Sampling Type B

HORIZONTAL

with PTFE adapter for lab bottle alternative clamping bottle holder with bayonet fixing

Actuation: hand lever, front



Bypass

Type A and type B alternative with bypass (no product flow interruption)



SAMPLING Type AV

with needle system and septum for lab bottle

Actuation: hand lever, front



SAMPLING Type BV

with PTFE adapter for lab bottle alternative clamping bottle holder with bayonet fixinig

Actuation: hand lever, front



Purge device

Type A and type B alternative with manual system purge

Actuation: hand lever, front

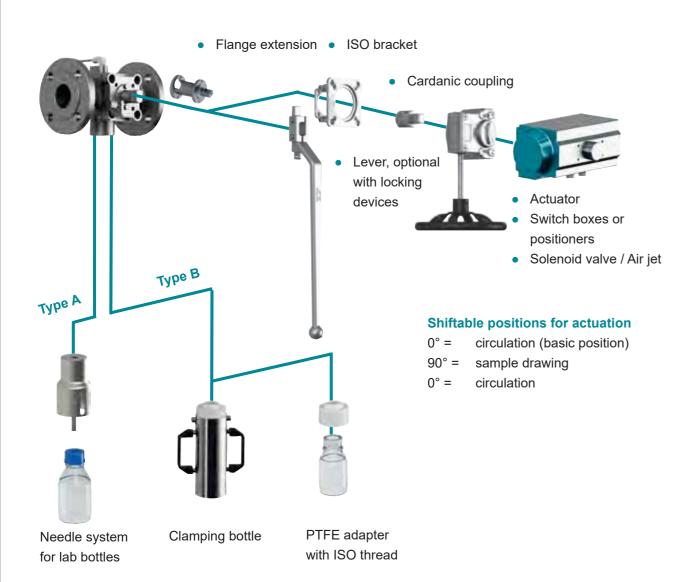
Type SAMPLING

Needle system / Operation

Needle system with septum

- process and ventilation needles pierce the PTFE / butyl septum
- after removal of the needles, the medium remains safely in the lab bottle

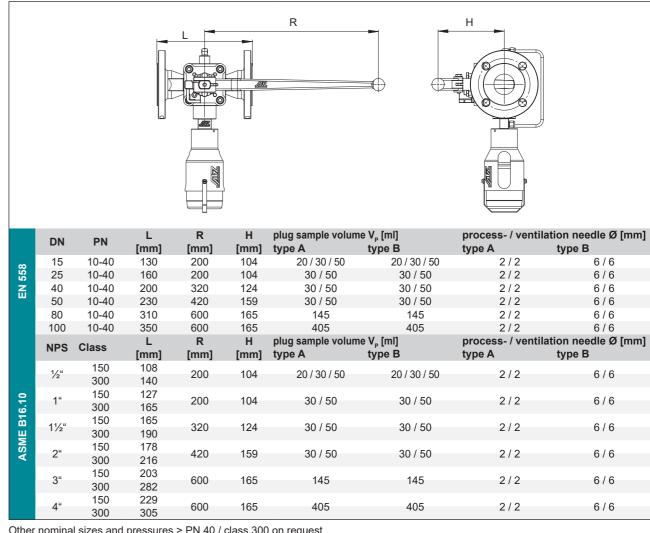




Type SAMPLING

Technical information





Other nominal sizes and pressures > PN 40 / class 300 on request.

Some designs, sizes and/or configurations may be fitted with threaded flange holes.

Order Example: Sampling-A-DN25-PN40-1.4408 VP=30ml-VF=60ml

Sampling-A = type, DN25 = nominal size, PN40 = nominal pressure, 1.4408 = body material, V_p =30ml = sampling quantity, VF=60ml = bottle volume

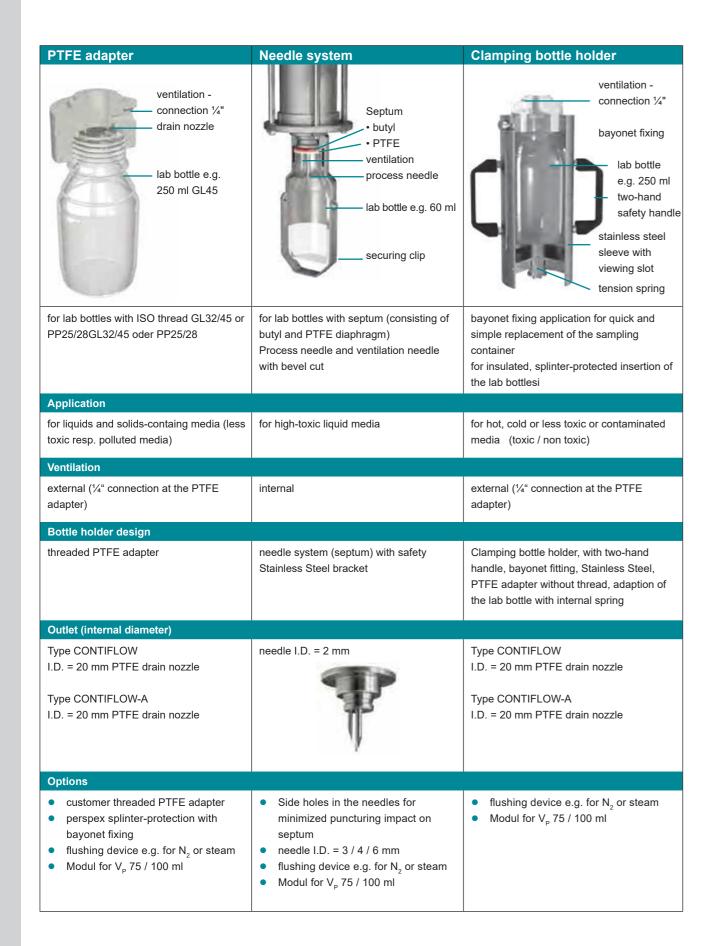
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Bottle connection designs

Bottle connection designs





DURAN® DURAN®	(clear glass) Pressure Plus+ (vacuu and pressure tight)	ım-capable		Lab bottle	
DURAN®	Protect (shatter protected) 50 ml 100 ml	250 ml	500 ml	100 ml	60 ml

Standard lab bottle		Bottle volume	Packing unit	Thread / cap size	Diameter	Height
		V _F [ml]	[pieces]		[mm]	H [mm]
•	DURAN® (clear glass) with plastic cap DURAN® Protect (shatter protected) with plastic cap	50	10	GL 32	46	87
		100	10	GL 45	56	100
		250	10	GL 45	70	138
		500	10	GL 45	86	176
		1000	10	GL 45	101	225
	DURAN® Pressure Plus+ (vacuum-capable up to 1 bar vacuum and pressure tight up to +1,5 bar)	100	10	GL 45	56	100
		250	10	GL 45	70	138
		500	10	GL 45	86	176
		1000	10	GL 45	101	225
	Lab bottle with septum (clear glass) with Aluminum cap and plastic cap	60	127	PP 25	39	93
		100	10	PP 28	52	97
		300	10	PP 28	65	151
		500	10	PP 28	77	178
		1000	10	PP 28	98	217

Individual lab bottle

- Stainless Steel bottle
- Aluminium bottle
- lab flask
- etc.

Individual bottle holder on request







Sample volume

- Standard sample volume 25 ml enough for laboratory tests
- no disposal of waste (saving of costs)
- optionally higher sample volume through repeating operations
- 50/75/100 ml sample volume available for certain executions

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