

Dimensions [mm]

Size Port	Small			Medium	
	G ^{1/8} *	G ^{1/4} *	G ^{3/8}	G ^{3/8} *	G ^{1/2}
A	56	56	56	87	87
B	57	57	50	88	80
C	19	19	19	24	24
D**	135	135	135	172	172

** -semi-automatic drain valve +10mm
-external-automatic drain valve +90mm

special option - how to order:

322.21 x

└── M - metal bowl
└── S - bowl protection

For example:

322.21 with bowl protection = 322.21S

Compressed air filters serve to remove impurities (condensation water, pipe scaling, rust particles) from the air in the work place. The cleansing is done in two stages by means of cycloning (condensation) and sintering filters (solid contamination). Port sizes G^{1/8} to G^{1/2}.

Technical Data

	Small	Medium
Nominal rates of flow**	1050 NI/min	4670 NI/min
Max. operating pressure	16bar/25 bar	
Operating temperature	0°C to +50°C / 0°C to +90°C	
Effective bowl volume	25 cm ³	80 cm ³
Mounting position	vertical	
Direction of flow	arrow	
Nominal width	DN6	DN15
Nominal pressure (housing)	PN25	PN25
Weight	390g	950g
Material		
Seals	NBR	
Housing	zinc alloy	
Filter element	sintered bronze	
Plastic bowl	polycarbonate	

** measured at p₁=6bar and Δp=1 bar

Filters

Size	G ^{1/8}	G ^{1/4}	G ^{3/8}	G ^{1/2}
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with plastic bowl and manually-operated drain valve

Small	322.21*	322.22*	322.23	-
Medium	-	-	322.35*	322.36

with plastic bowl and semi-automatic drain valve

Small	322.521*	322.522*	322.523	-
Medium	-	-	322.535*	322.536

with plastic bowl and external-automatic drain valve A (max. 16bar)

Small	370.21*	370.22*	370.23	-
Medium	-	-	370.35*	370.36

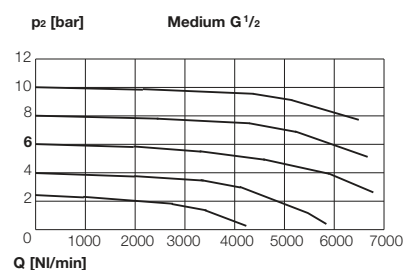
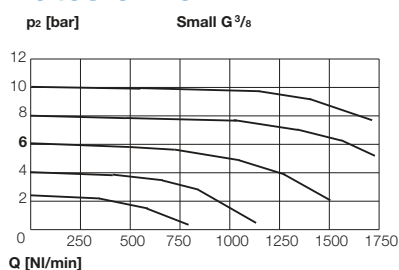
Accessories

	Small	Medium
Bracket mounting	322-24	322-25
Bowl protection for plastic bowl with bowl ring	322-130	322-131
Metal bowl with seal and manually-operated drain valve	324-101	324-109
semi-automatic drain valve	324-113	324-117
external-automatic drain valve A	324-114	324-118
Bowl ring	287-25	297-2

Main spare parts

	Small	Medium
Plastic bowl with seal and manually-operated drain valve	322-112	322-118
semi-automatic drain valve	322-113	322-119
external-automatic drain valve A	322-114	322-120
Bowl ring	287-25	297-2
Sealing ring for all bowls	287-6	297-10
Filter element 40µm (mounted)	287-10	267-37
5µm	287-13	298-9

Rates of flow



Drain valves, see chapter 7