Filter + Pressure regulator + Lubricator



- Double filter action: air flow centrifugation and filter element
- Filtering cartridge made of HDPE available in three different filtration grades (5μm, 20μm, 50μm)
- Filter cartridge can be regenerated by washing / blowing it or replaced
- Semi-automatic or automatic drain
- Diaphragm pressure regulator with relieving
- Low histeresis rolling diaphragm and balanced spool
- Available in four pressure ranges up to 12 bar
- Oil mist lubricator
- Variable orifice size in function of the flow rate
- Oil quantity regulation mechanism and oil quantity visualization dome made of polycarbonate (PC)
- Oil refill plug
- Available with low level electrical sensor NO and NC
- Bowls screwed to the body (Size 1)
- Bowl assembly via bayonet type quick coupling mechanism with safety button (Size 2 - Size 3 - Size 4)
- Atex certification (II 2GD o II 3GD) on request

Technical characteristics	Size			
	Size 1	Size 2	Size 3	Size 4
Body and connections type	Zinc alloy body, Zinc alloy integrated connections Technopolymer body, metal connections	Aluminium body, integrated aluminium connections		
Protection and bowl type	Technopolymer protection - PA bowl (Size 1 available without protection)			Metal bowl with blind metal bowl
IN / OUT connections	G1/8" - G1/4"	G1/4" - G3/8"	G3/8" - G1/2", G3/4"	G1"
Assembly configuration	Stand alone Panel mounted with M4 screws	Stand alone Panel mounted with M5 screws	Stand alone Panel mounted with M6 screws	Stand alone Panel mounted with M6 screws
Assembly position	Vertical ±5°			
Filter pore size (μm)	5 / 20 / 50			
Pressure range (bar)	0 - 2 / 0 - 4 / 0 - 8 / 0 - 12			
Bowl capacity (cm³)	20	30	48	178
Condensation drain	Semi-automatic Automatic			
Regulation	Manual push and lock with pressure Manual lockable with accessories			
Pressure measurement	G1/8" Pressure gauge connection port			
Bowl capacity (cm³)	36	52	62	300
Lubrication type	Oil mist			
Min.operational flow at 6,3 bar (Nl/min)	10	20		100
Oil level regulation	Manual, complete with visual indicator			
Max. fittings torque IN / OUT connections	G1/8" metal: 15 G1/4" metal: 20	G1/4" metal: 20 G3/8" metal: 25	G3/8" metal: 25 G1/2" metal: 30 G3/4" metal: 35	G1"metal: 35

Operational characteristics	Size							
	Size 1	Size 2	Size 3	Size 4	Size 1	Size 2	Size 3	Size 4
	Semi-automatic condensation drain				Automatic condensation drain			
Maximum working pressure (bar)	13				10			
Minimum working pressure (bar)	0,5							
Indicative oil drop rate (Nl/min)	1 drope every 300/600							
Oil type	FD22 - HG32							
Working temperature (°C)	-5 ÷ +50							

Overall dimensions and technical information are provided solely for informative purpose and may be modified without notice.

Weights	Size			
	Size 1	Size 2	Size 3	Size 4
Zinc alloy body version (g)	755	/	/	/
Technopolymer body version (g)	375	/	/	/
Aluminium body version (g)	/	960	1430	5300

Order codes

17 | 307A | . | B | . | D | . | S | . | K

Size, body and connections
007A : Zinc alloy body, connections G1/8" (only for size 1)
007B : Zinc alloy body, connections G1/4" (only for size 1)
107A : Technopolymer body, connections G1/8" (only for size 1)
107B : Technopolymer body, connections G1/4" (only for size 1)
207A : Aluminium body, connections G1/4" (only for size 2)
207B : Aluminium body, connections G3/8" (only for size 2)
307A : Aluminium body, connections G3/8" (only for size 3)
307B : Aluminium body, connections G1/2" (only for size 3)
307E : Aluminium body, connections G3/4" (only for size 3)
407NB : Aluminium body, connections G1" (only for size 4)

Filter pore size
A : 5 μm
B : 20 μm
C : 50 μm

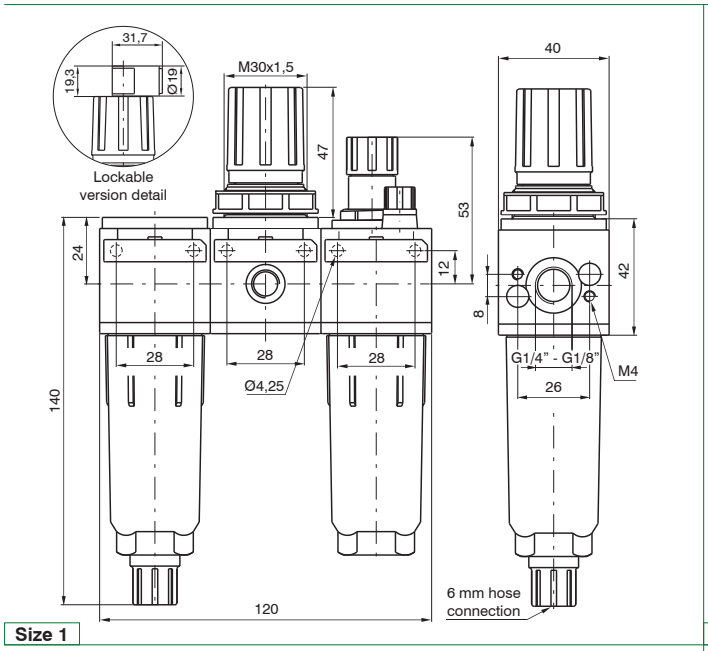
Pressure range
A : 0 - 2 bar
B : 0 - 4 bar
C : 0 - 8 bar
D : 0 - 12 bar

Type
P : Bowl protection (only for size 1)
S : Automatic drain (for all sizes)
PS : Bowl protection and automatic drain (only for size 1)

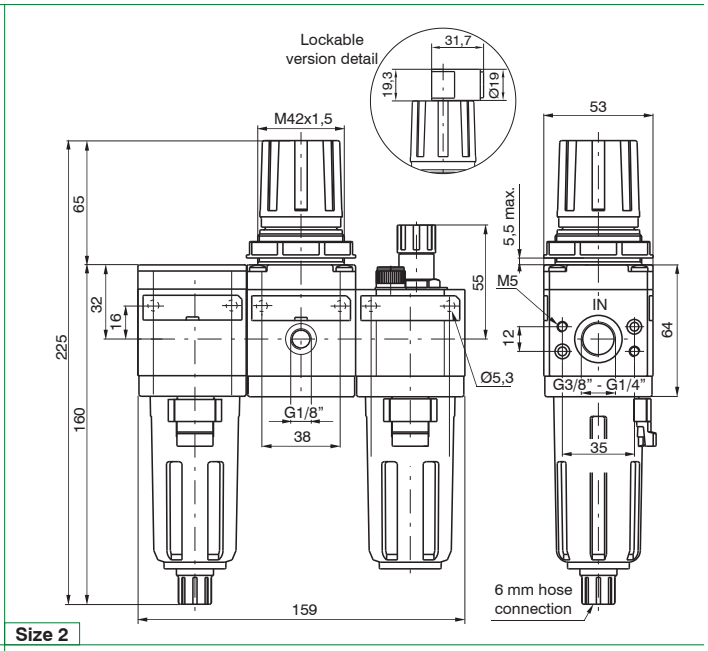
Options
: Standard
K : Lockable version
U : Lockable version with universal key

Example: 17307A.B.D.S.K
Size 3 Filter + Pressure regulator + Lubricator, aluminium body, G3/8" connections,
filter pore size 20 μm 0 - 12 bar, automatic drain lockable version

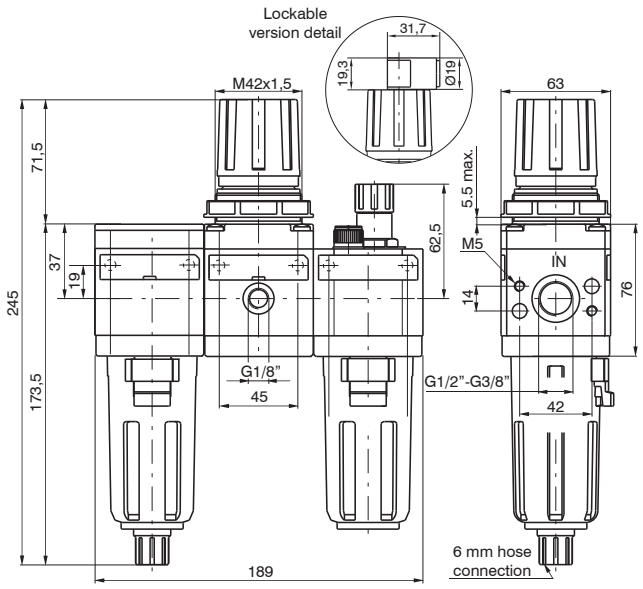
Dimensions



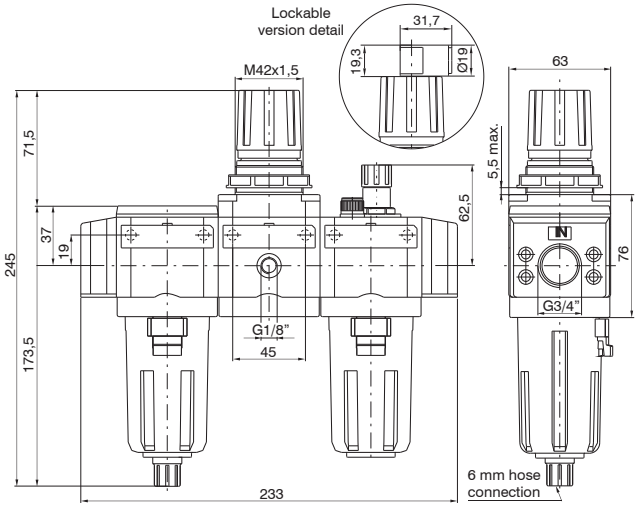
Size 1



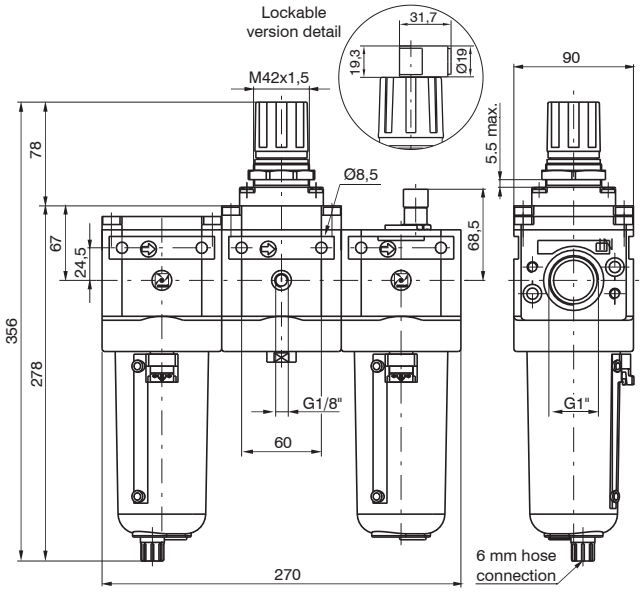
Size 2



Size 3



Size 3 3/4"

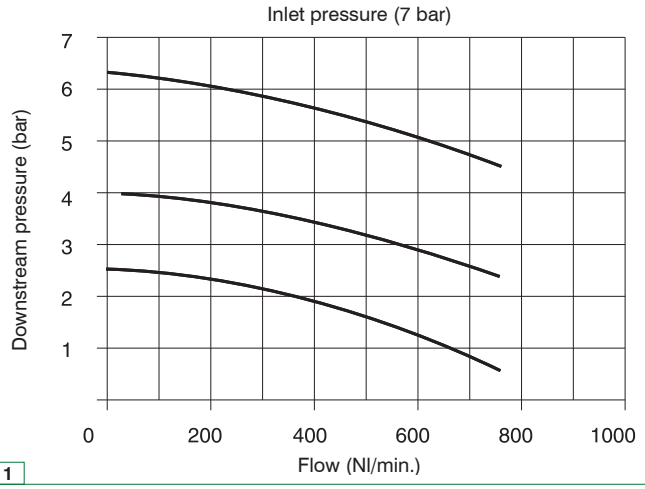


Size 4

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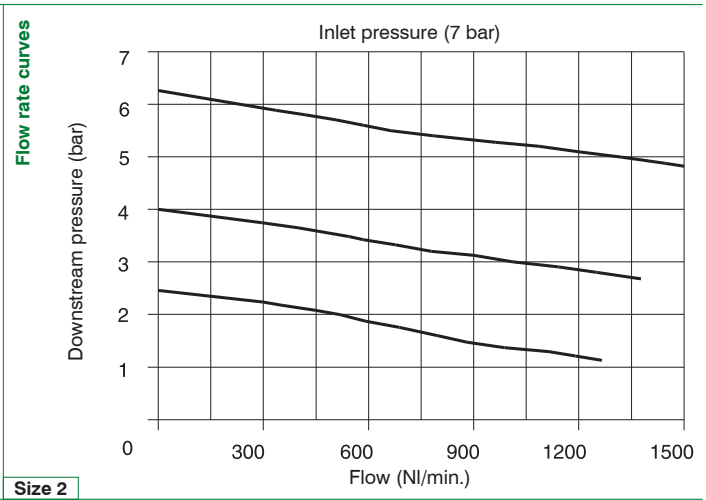
Characteristic curves

Flow rate curves



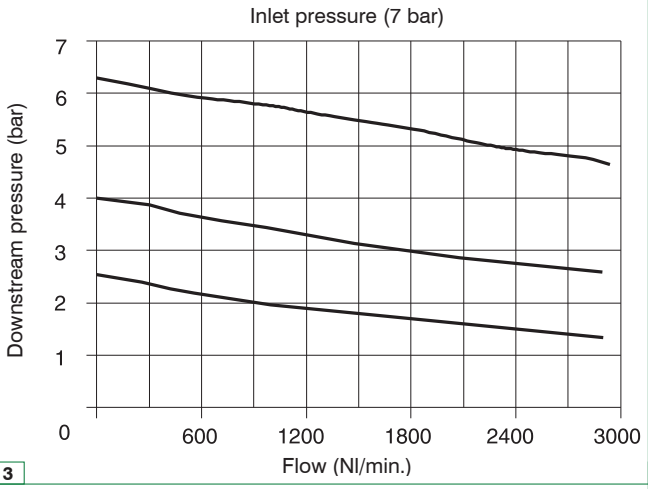
Size 1

Flow rate curves



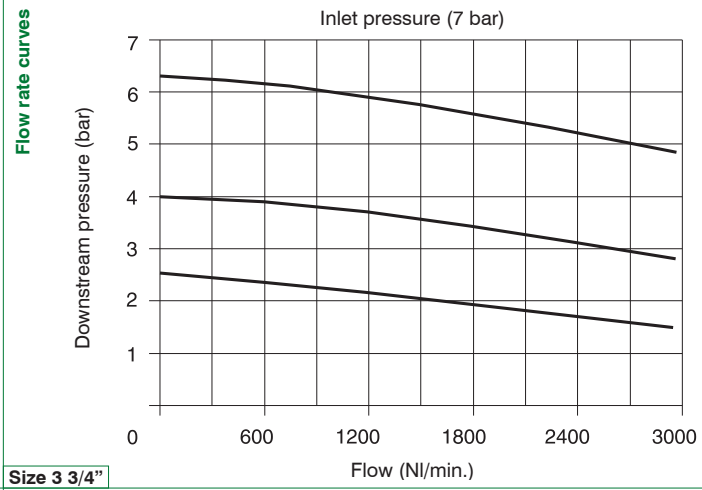
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Flow rate curves



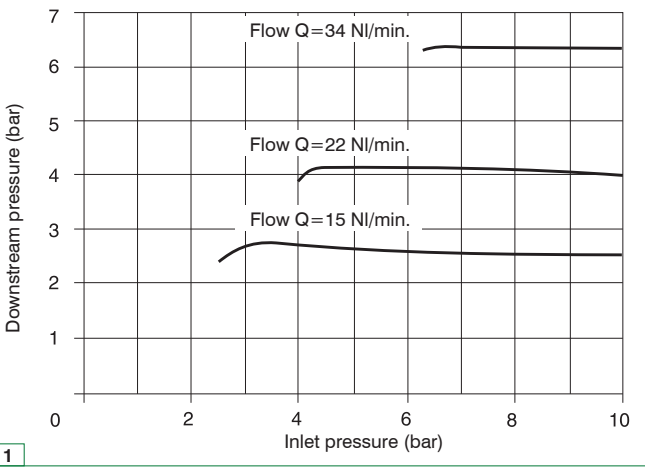
Size 3

Flow rate curves



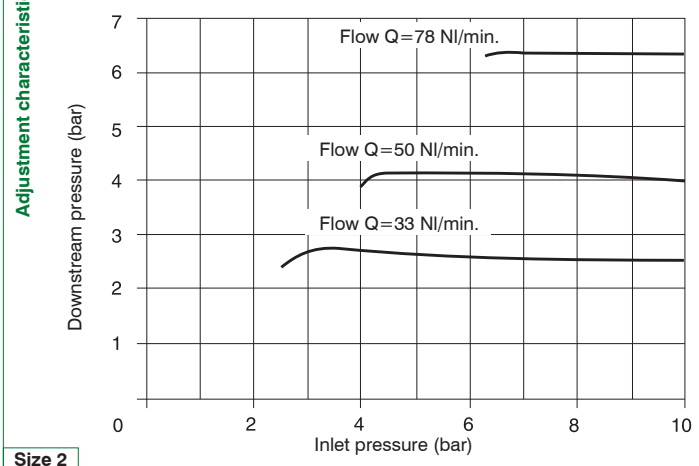
Size 3 3/4"

Adjustment characteristic



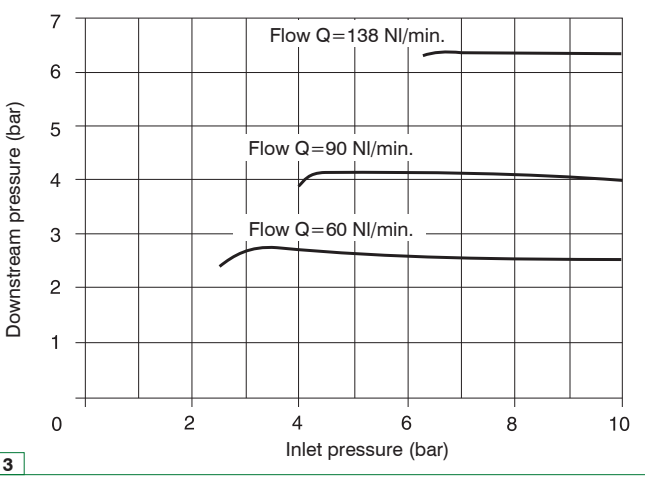
Size 1

Adjustment characteristic



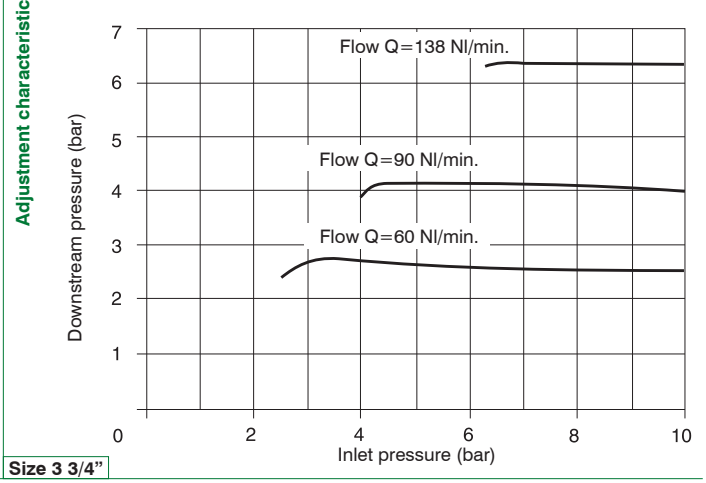
Size 2

Adjustment characteristic



Size 3

Adjustment characteristic



Size 3 3/4"

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