

Filter pressure regulator + Lubricator


- ▶ Filter - diaphragm pressure regulator with relieving
- ▶ Low hysteresis rolling diaphragm and balanced spool
- ▶ Filtering element made of HDPE available in 3 different filtration grades (5µm, 20µm, 50µm)
- ▶ Semi-automatic or automatic drain
- ▶ 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)
- ▶ Atex certification (II 2GD o II 3GD) on request

Technical characteristics			
Size	Size 1	Size 2	Size 3
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)		
IN / OUT connections	G1/8" - G1/4"	G1/4" - G3/8"	G3/8" - G1/2", G3/4"
Assembly configuration	Stand alone Panel mounted with M4 screws	Stand alone Panel mounted with M5 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
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
Lubrication type	Oil mist		
Min.operational flow at 6,3 bar (NI/min)	10	20	
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

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



Size	Weights		
	Size 1	Size 2	Size 3
Zinc alloy body version (g)	560	/	/
Technopolymer body version (g)	295	/	/
Aluminium body version (g)	/	750	1100

Order codes

17 **306A** . **B** . **D** . **S** . **K**

Size, body and connections	
006A	Zinc alloy body, connections G1/8" (only for size 1)
006B	Zinc alloy body, connections G1/4" (only for size 1)
106A	Technopolymer body, connections G1/8" (only for size 1)
106B	Technopolymer body, connections G1/4" (only for size 1)
206A	Aluminium body, connections G1/4" (only for size 2)
206B	Aluminium body, connections G3/8" (only for size 2)
306A	Aluminium body, connections G3/8" (only for size 3)
306B	Aluminium body, connections G1/2" (only for size 3)
306E	Aluminium body, connections G3/4" (only for size 3)

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
KF	Lockable version with universal key

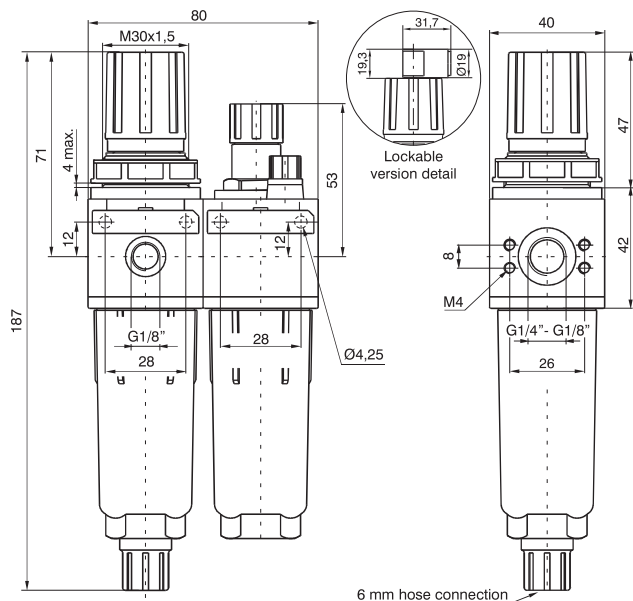
Example: 17306A.B.D.S.K

Size 3 Filter pressure regulator + Lubricator, aluminium body, G3/8" connections, filter pore size 20 µm 0 - 12 bar, automatic drain lockable version

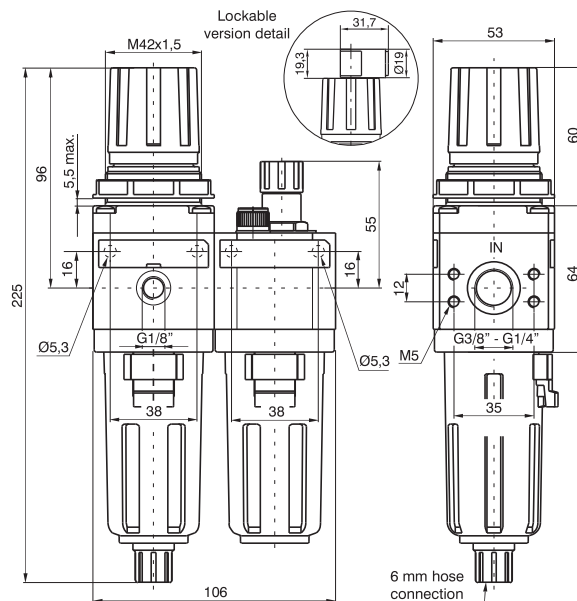
Dimensions

AIR TREATMENT

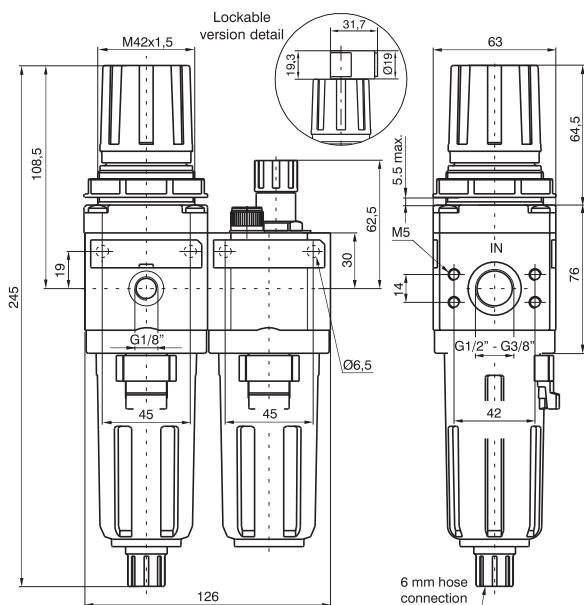
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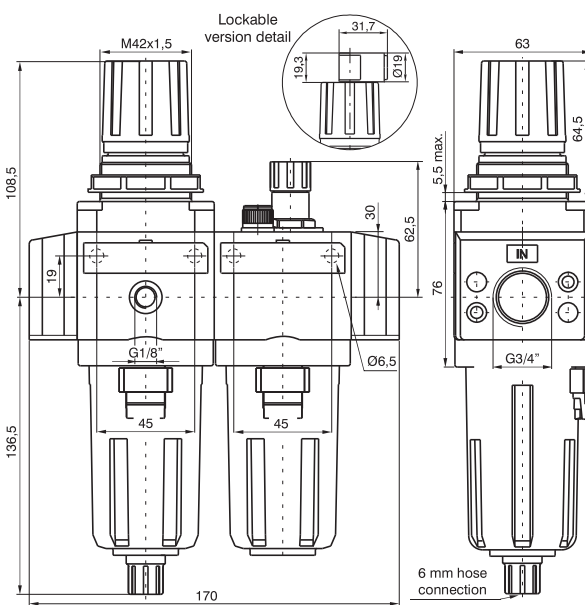
Size 1



Size 2



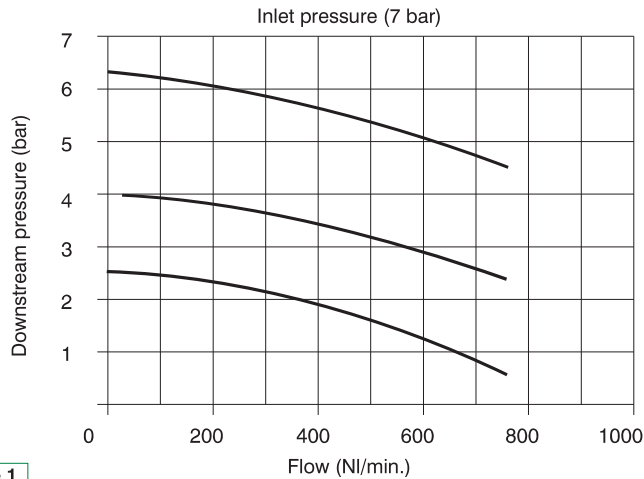
Size 3



Size 3 3/4"

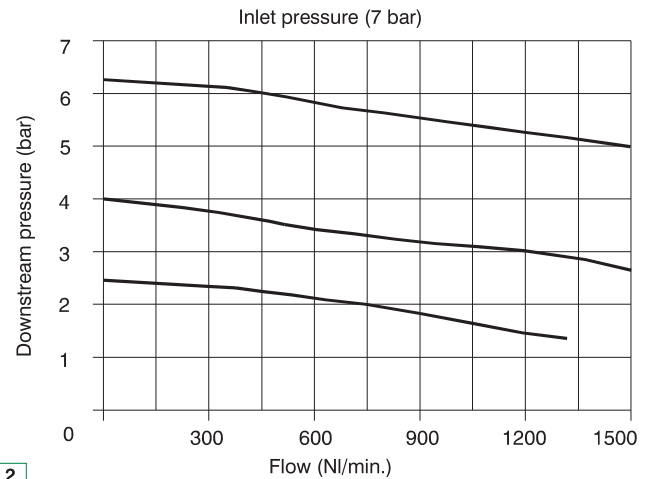
Characteristic curves

Flow rate curves



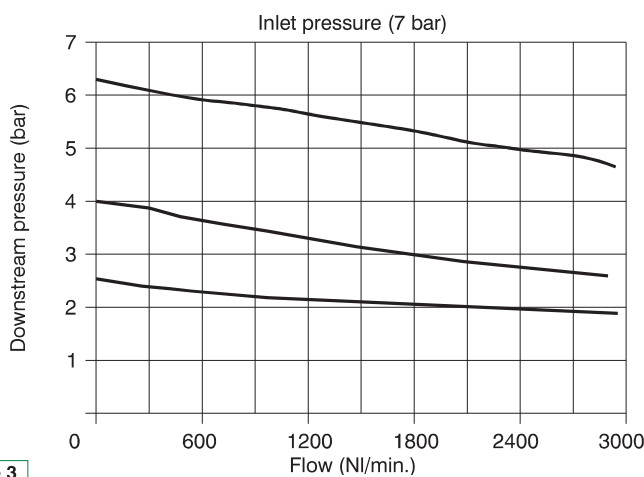
Size 1

Flow rate curves



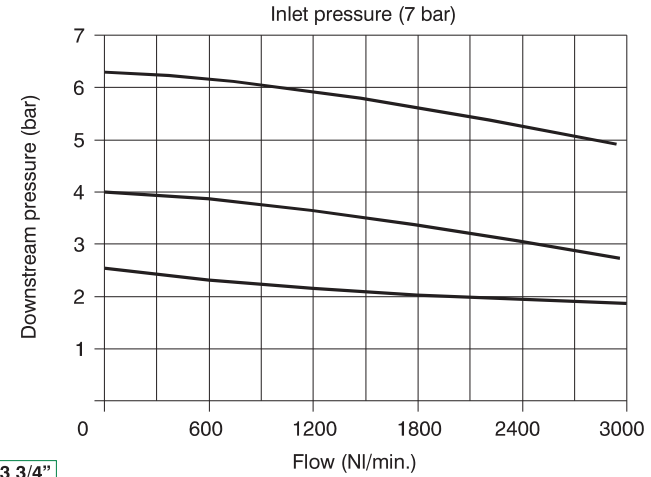
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Flow rate curves



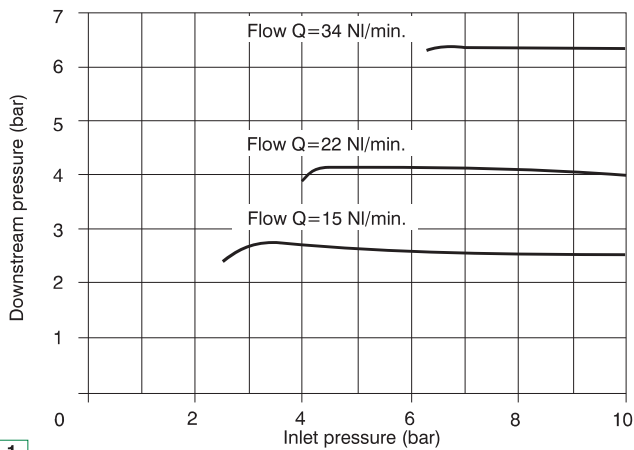
Size 3

Flow rate curves



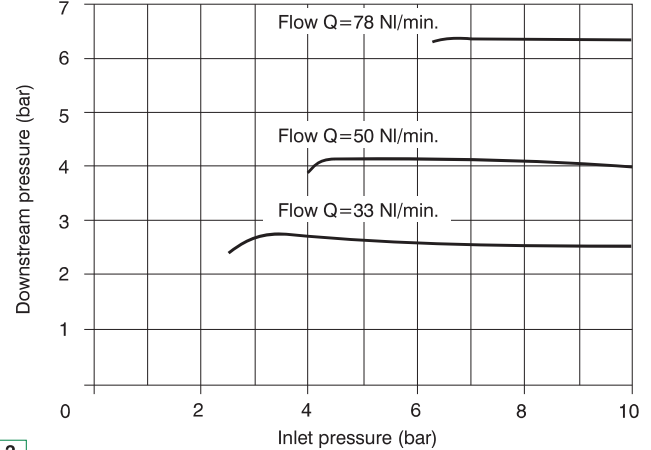
Size 3 3/4"

Adjustment characteristic



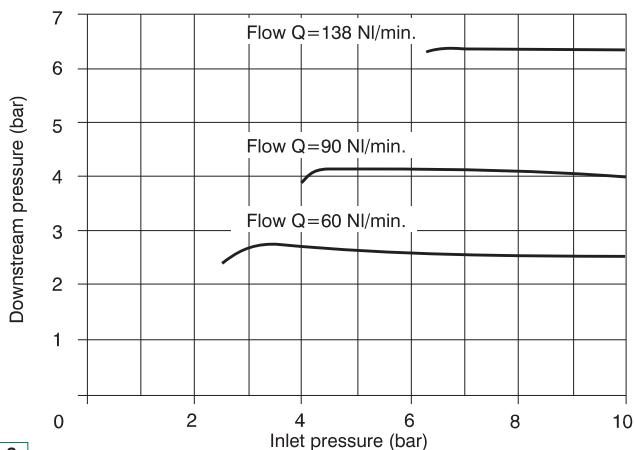
Size 1

Adjustment characteristic



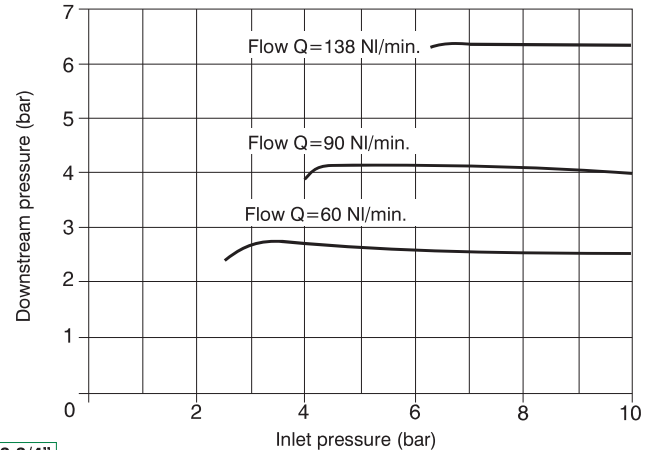
Size 2

Adjustment characteristic



Size 3

Adjustment characteristic



Size 3 3/4"