

High sensitive air pressure regulators with high flow rate relieving



- ▶ Accurate capacity to maintain set pressure
- ▶ Sensitivity combined with high relieving rates
- ▶ High flow rate with extremely low pressure drop
- ▶ Pressure adjusting lockable handle by simply pressing it downwards in the desired position
- ▶ Aluminium body
- ▶ Ring nut for panel mounting
- ▶ Construction with controlled refuel
- ▶ Atex certification (II 2GD) on request

2
AIR TREATMENT

Technical characteristics		
Size	Size 1	Size 3
Body and connections type	Aluminium body, integrated aluminium connections	
IN / OUT connections	G1/4"	G1/2"
Assembly configuration	Stand alone Panel mounting With fixing bracket	Stand alone Panel mounting With fixing bracket
Assembly position	Indifferent	
Fluid	20 μ filtered air and preferably non lubricated	
Air flow with inlet pressure 10 bar (NI/min)	5	
Pressure range (bar)	0,1 - 2 / 0,1 - 4 / 0,1 - 7 / 0,1 - 10	
Regulation	Manual push and lock with pressure Manual lockable with accessories	
Pressure measurement	G1/8" Pressure gauge connection port	
Max. fittings torque IN / OUT connections	G1/4" metal: 20	G1/2" metal: 30

Operational characteristics		
Size	Size 1	Size 3
Maximum working pressure (bar)	10	
Minimum working pressure (bar)	0,5	
Working temperature (°C)	-5 ... +50	

Weights		
Size	Size 1	Size 3
Aluminium body version (g)	380	970

Order codes

17 3S2B . 0010 . E . K

Size, body and connections

1S2B	Aluminium body, connections G1/4" (only for size 1)
3S2B	Aluminium body, connections G1/2" (only for size 3)

Pressure range

0002	0,1 - 2 bar
0004	0,1 - 4 bar
0007	0,1 - 7 bar
0010	0,1 - 10 bar

Type

	Standard
E	External pressure feedback

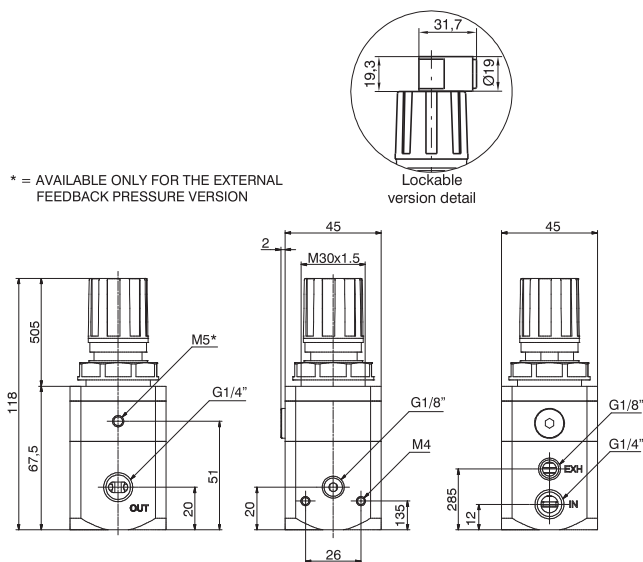
Options

	Standard
K	Lockable version
KF	Lockable version with universal key

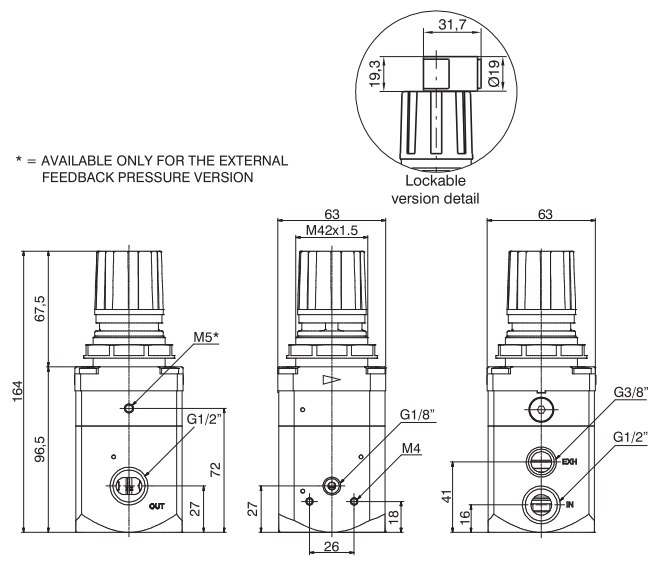
Example: 173S2B.0010.E.K

Size 3 high sensitive air pressure regulator with high flow rate relieving, aluminium body, G1/2" connections, 0,1 - 10 bar, external pressure feedback, lockable version

Dimensions



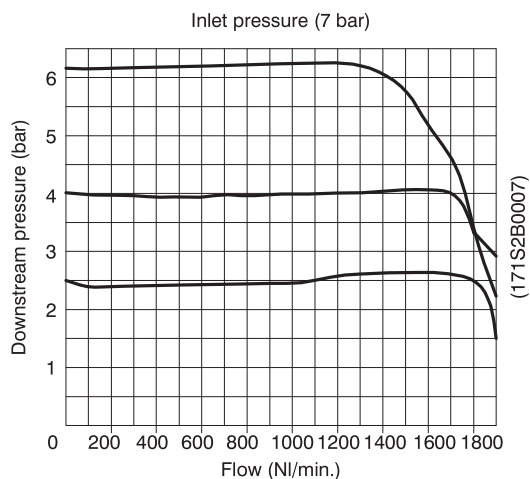
Size 1



Size 3

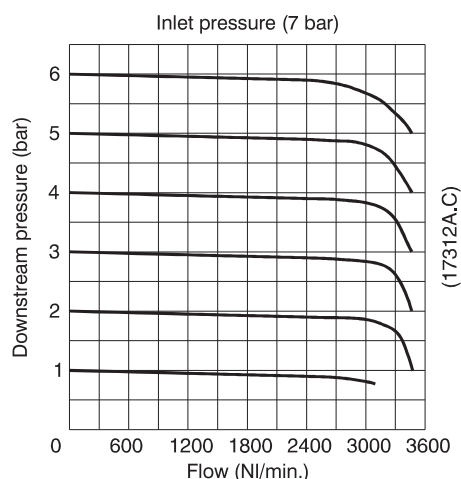
Characteristic curves

Flow rate curves



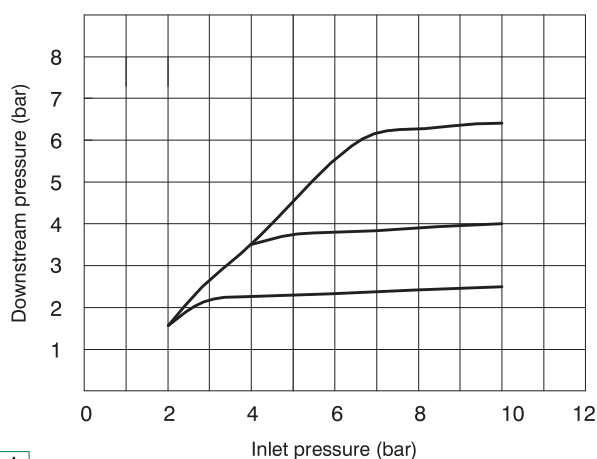
Size 1

Flow rate curves



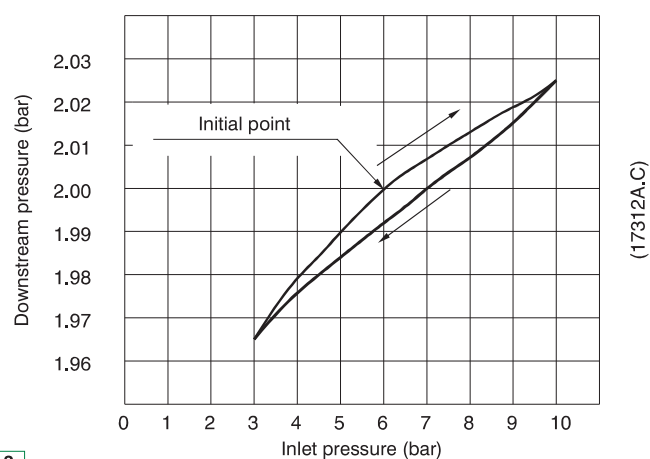
Size 3

Adjustment characteristic



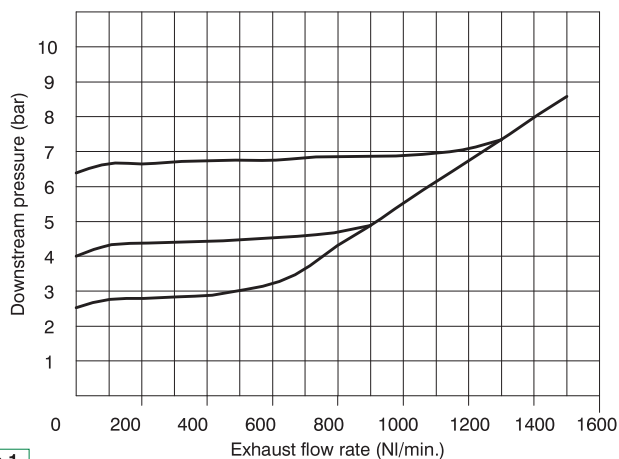
Size 1

Adjustment characteristic



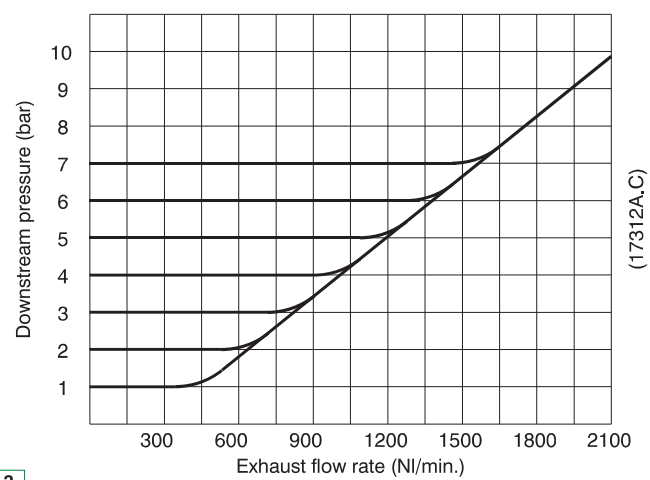
Size 3

Exhaust flow rate curves



Size 1

Exhaust flow rate curves



Size 3