

Flow Control Regulators



Available with technical polymer, nickel-plated brass or aluminium bodies, with external or recessed adjustment screws, Flow Control Regulators offer precise adjustment, accuracy and compactness.

Ø metric:
3 to 14 mm

Technical Characteristics

- **Compatible Fluids:** Compressed air
Other fluids: contact us
- **Working Pressure:** 1 to 10 bar
- **Working Temperature:** 0°C to +70°C
-25°C to +70°C (metal version)

Max. Tightening Torques (external adjustment screw)	Threads	M3 x0.5	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.06	0.16	0.8	1.2	3	3.5

Max. Tightening Torques (recessed adjustment screw)	Threads	-	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	-	-	0.1	0.4	0.5	0.6

Reliable performance is dependent upon the type of fluid conveyed and component materials being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

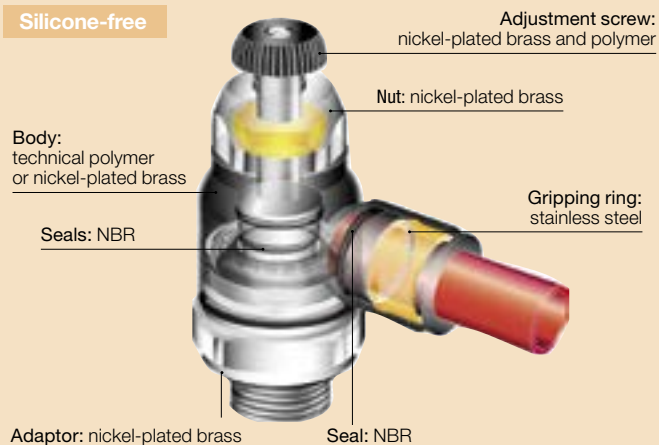
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

Regulations

- RoHS
- REACH
- PED

Component Materials

Silicone-free



Advantages

Productivity:

- Higher maximum flow than standard regulators
- Optimal control of the cylinder rod speed

Accuracy:

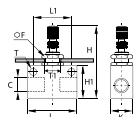
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

Ergonomics:

- External adjustment screw: easy to adjust ; Recessed adjustment screw: protects the adjustment mechanism
- Can be rotated 360° during assembly

7170 Panel-Mountable In-Line Flow Regulator, Female BSP and Metric Thread

Treated aluminium, NBR, brass



C	F	H max	H min	H1	K	L	L1	ØT	Kg
M5x0.8	7170 19 19	12	42	38	15	12	25	18	4.5 0.021
G1/8	7170 10 10	15	56	49	22	18	35	24.7	4.5 0.056
G1/4	7170 13 13	15	64	57	30	20	46	35	6.5 0.088
G3/8	7170 17 17	22	73	62	30	25	50	35	6.5 0.154
G1/2	7170 21 21	22	83	72	40	25	60	44	6.5 0.195

DYSTRYBUTOR PARKER PREMIUM

ARA[®]
PNEUMATIK

| arapneumatik.pl

PARKER STORE WROCŁAW
pneumatyka@arapneumatik.pl
TEL. 71 364 72 80

PARKER STORE KATOWICE
katowice@arapneumatik.pl
TEL. 32 779 76 40

Parker Store