

## Exhaust Flow Control

With plastic silencer  
With adjustable exhaust throttling

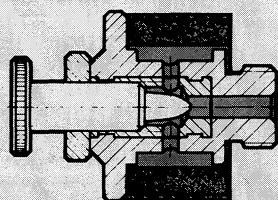
Type GRU-...



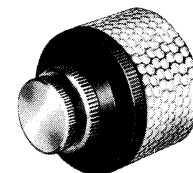
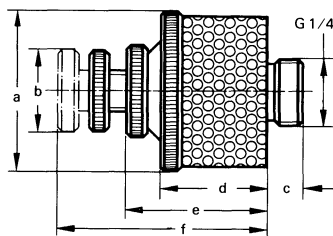
This valve is screwed into the exhaust ports of control valves to control cylinder piston speed.

The adjustment screw regulates exhaust flow. The exhaust air flows through the built-in silencer which reduces the exhaust noise.

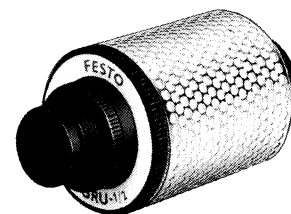
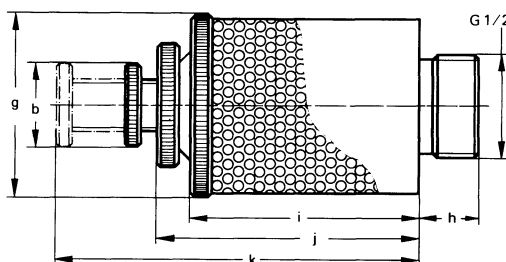
**IMPORTANT:** Clean the silencers in petroleum base solvents or mineral spirits. **DO NOT** use gasoline or trichloroethylene.



Type GRU-1/4



Type GRU-1/2



### Dimensions

- a 1.22 in / 31 mm
- b 0.63 in / 16 mm
- c 0.30 in / 7.5 mm
- d 0.81 in / 20.5 mm
- e 1.06 in / 27 mm
- f 1.50 in / 38 mm
- g 1.40 in / 35.5 mm
- h 0.45 in / 11.5 mm
- i 1.73 in / 44 mm
- j 1.99 in / 50.5 mm
- k 2.95 in / 75 mm

Order Number	4579 GRU-1/4	4869 GRU-1/2
Medium	Compressed air, filtered (lubricated or unlubricated)	
Design	Exhaust flow control valve	
Mounting	Port mounted	
Connection	G 1/4 ISO	G 1/2 ISO
Orifice Size	0.14 in / 3.6 mm	0.43 in / 11 mm
Flow Rate**	0 to 11.2 scfm / 0 to 320 l/min	87.5 scfm / 2500 l/min
Pressure Range	0 to 150 psi / 0 to 10 bar	
Temperature Range	14 to 140°F / -10 to 60°C	
Noise Level at 90 psi / 6 bar to Atmosphere*	72 dB(A)	88 dB(A)
Material	Plastic	Housing: Aluminum; Silencer: Plastic
Weight	0.099 lb / 0.045 kg	0.176 lb / 0.080 kg

\*Measured at a distance of 3 ft / 1 m

\*\*At 90 psi / 6 bar to atmosphere