Low Pressure Regulator / Booster, Supply Pressure max. 4 bar RGB4

Description
Highly sensitive low pressure regulator which can also be used as volume booster. With inlet pressure compensation for high precision regulation, high flow and safety diaphragm for added security. Zero shut-off prevents the outlet pressure from increasing further.

Media
Compressed air, non-corrosive gases and oxygen. No constant bleed.

Adjustment
Manual: by turning the spindle under the cover of the spring cage. Pneumatic: at the side of the spring cage.

Volume booster
By removing the aspirator filter and connecting the pilot signal in its place. With the spring a positive bias is possible.

Supply pressure
max. 4 bar / 60 psi. A pre-pressure regulator may be needed to reduce higher supply pressure. Supply pressure to be increased gradually.

Exhaust
Non-relieving. A back pressure regulator may be needed to protect against excessively high outlet pressure.

Gauge port
None as standard. Option: gauge port G 1/2.

Accuracy
max. 20% pressure drop at full flow.

Mounting position
Regulator preferably mounted on the head so that inner valve is closed when supply pressure is switched on.

Temperature range
-15 °C to 60 °C / -5 °F to 140 °F

Materials

Pre-pressure regul.
Supply pressure: max. 21 bar / 300 psi

Order example:
RGB4 - 08H

For your information:
1 bar: 14.5 psi
1 l/min: 0.035 scfm
1 mm: 0.039 inch
Pressure gauge:
1 psi: 0.069 bar
1 scfm: 28.3 l/min
1 inch: 25.4 mm

Please consult chapter "Gauges"