

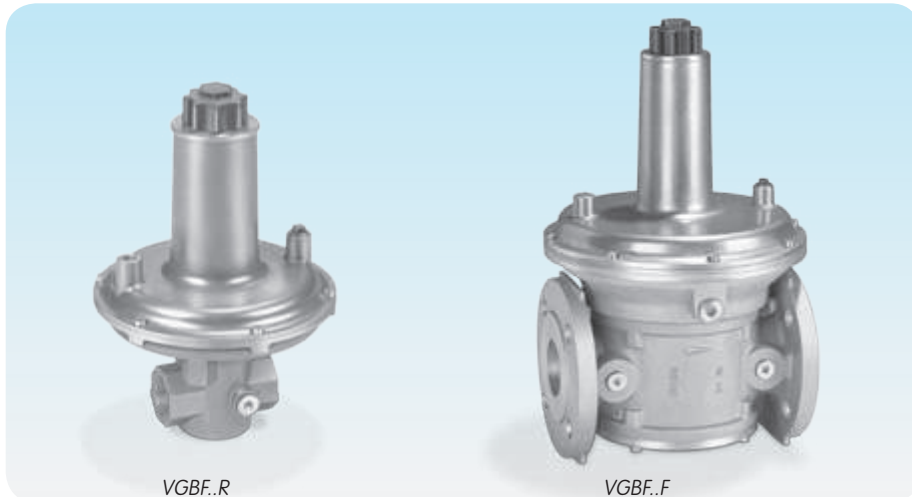
Gas pressure regulators VGBF

Product brochure · GB
2 Edition 08.12



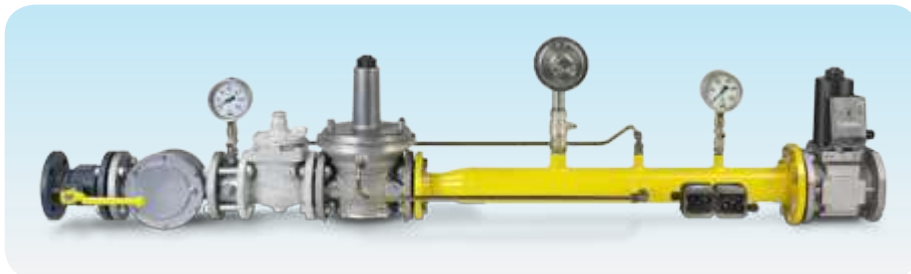
- Pressure regulators for gaseous media for installation in all types of gas appliances
- Design with inlet pressure compensation diaphragm ensures high control accuracy
- High flow rate due to optimal dimensioning
- Internal impulse on VGBF..05
- No breather line required
- EC type-tested and certified
- Certified by Gosstandart pursuant to GOST-TR

Application

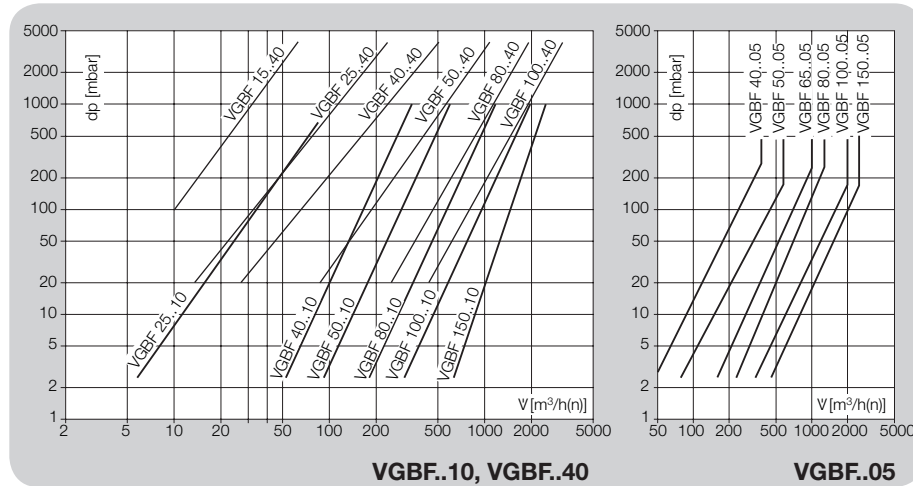


The spring-loaded gas pressure regulator VGBF with inlet pressure compensation diaphragm and zero shut-off serves to maintain the set outlet pressure constant despite changing gas flow rates and inlet pressures in gas pipelines. Thanks to an additional safety diaphragm, no purge line is required. For use in gas inlet sections in all sectors of the iron, steel, glass and ceramics industries as well as in commercial heat generation, such as the packaging, paper and foodstuffs industries.

Examples of application



Flow rate



Type code

Code	Description
VGBF	Gas pressure regulator
15-150	Nominal size
R	Rp internal thread
F	Flange to ISO 7005
05	p_U max. 500 mbar
10	p_U max. 1 bar
40	p_U max. 4 bar
-1	Screw plug at the inlet
-3	Screw plug at the inlet and outlet
L	For air only (without approval)
V	Viton equipment (without approval)

Technical data

Gas types: natural gas, town gas, LPG (gaseous) and biologically produced methane (max. 0.02 %-by-vol. H₂S), VGBF..05..L also for air. The medium must be dry in all temperature conditions and must not contain condensate.

Inlet pressure range:
up to 500 mbar, 1 bar and 4 bar.

Outlet pressure ranges:
VGBF 15–50: 5–350 mbar,
VGBF 65, 150: 5–160 mbar,
VGBF 80, 100: 5–350 mbar.

VGBF..05: Class A.

VGBF..10, VGBF..40:
Accuracy Class: AC 10,
Lock-up pressure class: SG 30.

Ambient temperature:
standard: -15 to +60°C,
VGBF..L/VGBF..V: 0 to +60°C.

Storage temperature:
standard: -15 to +40°C,
VGBF..L/VGBF..V: 0 to +40°C.

Valve housing: aluminium,
valve seat and stem: aluminium.

Diaphragms:
standard: Perbunan,
VGBF..L: Perbunan, Viton,
VGBF..V: Viton.

Valve disc:
standard, VGBF..L: Perbunan,
VGBF..V: Viton.

Internal thread: Rp to ISO 7-1.

Flanged connection: PN 16 to ISO 7005.

Maintenance cycles

At least once a year, at least twice a year in the case of biologically produced methane.



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Detailed information on this product



http://docuthek.kromschroeder.com/doclib/main.php?language=1&folderid=202030&by_class=6

Contact

www.kromschroeder.com → Sales

Elster GmbH
Postfach 2809 · 49018 Osnabrück
Strothweg 1 · 49504 Lotte (Büren)
Germany
T +49 541 1214-0
F +49 541 1214-370
info@kromschroeder.com
www.kromschroeder.com

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