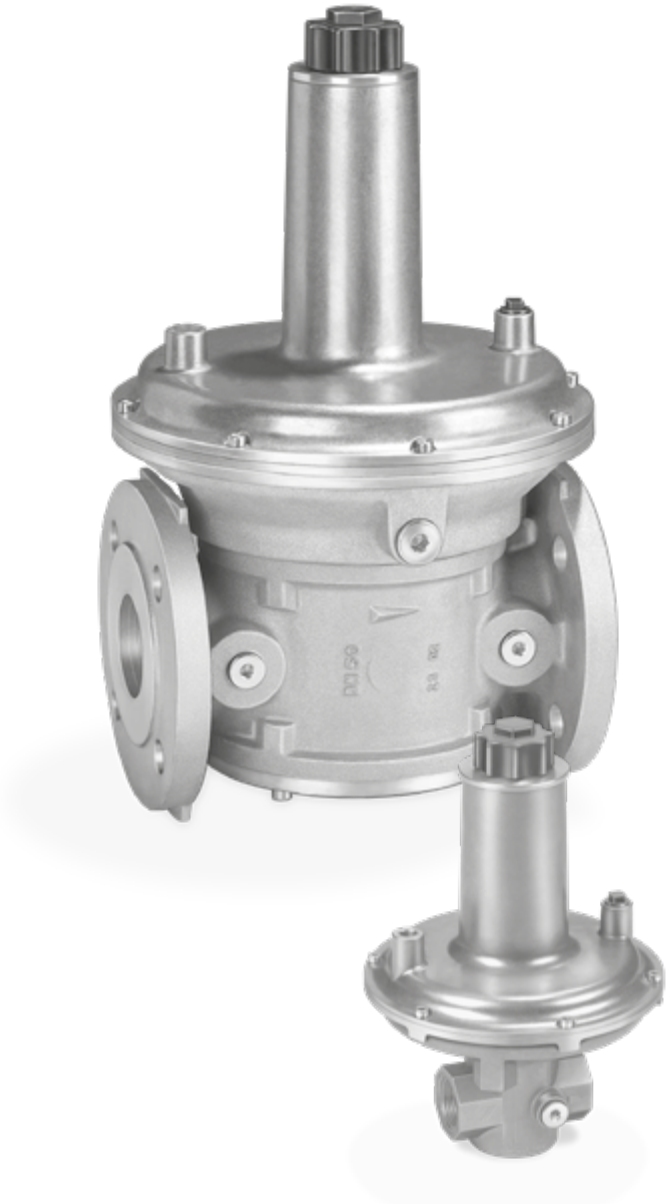
Honeywell
krom schroder

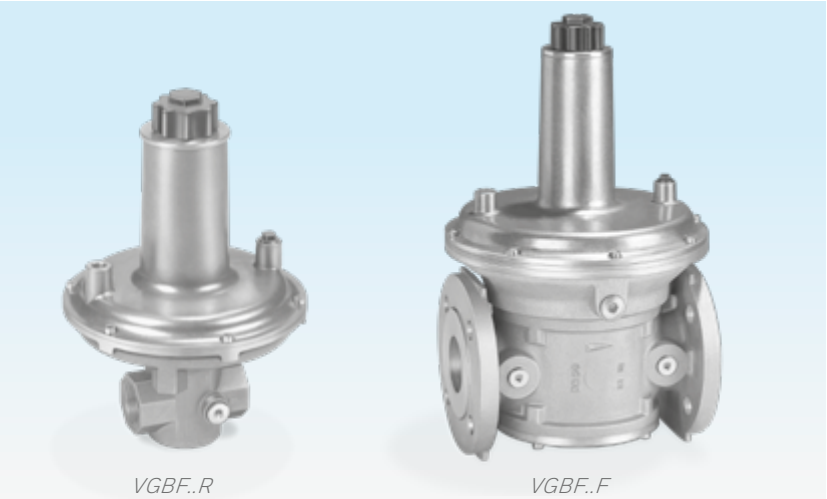


VGBF

Gas pressure regulators

- 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 under Technical Regulations

Application

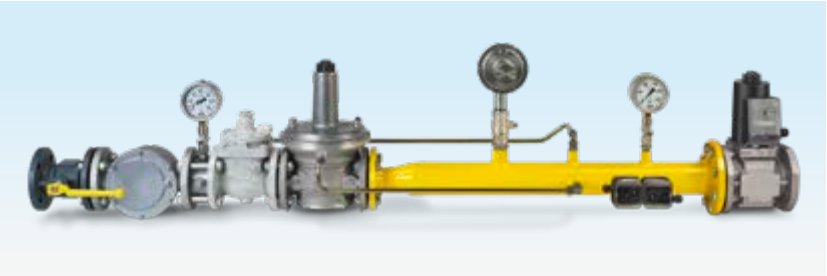


VGBF..R VGBF..F

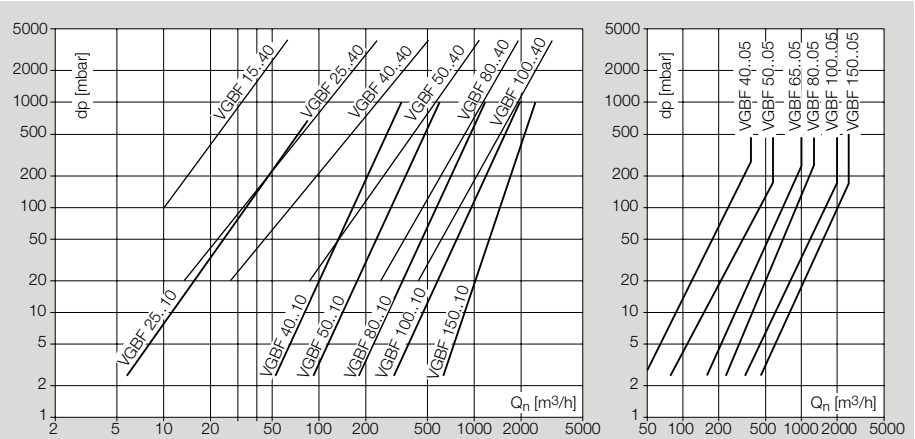
The spring-loaded gas pressure regulator VGBF with inlet pressure compensation diaphragm and zero shut-off serves to maintain the set outlet pressure constant despite changing gas flow rates and inlet pressures in gas pipelines. Thanks to an additional safety diaphragm, no breather line is required.

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



VGBF..10, VGBF..40 **VGBF..05**

Type code

Code	Description
VGBF	Gas pressure regulator
15-150	Nominal size
T	T-product
N R A F	NPT internal thread Rp internal thread ANSI flange Flange to ISO 7005
05 10 40	$p_{u\ max.}$ 500 mbar (7.5 psig) $p_{u\ max.}$ 1 bar (15 psig) $p_{u\ max.}$ 4 bar (60 psig)
-1 -2* -3	Screw plug at the inlet Screw plug at the outlet* Screw plug at the inlet and outlet
V	Viton equipment (without approval)

** For T-products range only*

Technical data

Gas types: natural gas, town gas, LPG (gaseous) and biologically produced methane (max. 0.02 %-by-vol. H_2S), VGBF..V 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 (0.4 "WC) and 4 bar (1.5 "WC).

Outlet pressure ranges:
VGBF 15 – 50: 5 – 350 mbar (2 – 137 "WC),
VGBF 65, 150: 5 – 160 mbar (2 – 62 "WC),
VGBF 80, 100: 5 – 350 mbar (2 – 137 "WC).

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 (5 to 140 °F),
VGBF..V: 0 to +60 °C (32 to 140 °F).

Storage temperature:
standard: -15 to +40 °C (5 to 104 °F),
VGBF..V: 0 to +40 °C (32 to 104 °F).

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

Wetted diaphragms:
standard: Perbunan,
VGBF..V: Viton.

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

Internal thread: Rp to ISO 7-1,
NPT to ANSI/ASME.

Flanged connection: PN 16 ISO 7005,
ANSI flange pursuant to ASA.

Maintenance cycles

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

Technical Information bulletin for this product

www.docuthek.com
Search term: VGBF

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