

# Pipelife Gas-Stop™ GS50/200(UE)

Excess Flow Valve for Service Lines (SL) d<sub>a</sub>50/DN40



Operating pressure: **0.2-5.0 bar (0.02-0.5 MPa)**  
 Colour code: **Red**

## Product codes

	Automatic reopening	Sepa mounting part	Integ PE100/SDR11 adapter
GS50/200	-	•	-
GSA50/200	-	-	•
GS50/200UE	•	•	-
GSA50/200UE	•	-	•

## Technical data

Operating pressure pe bar	Nominal flow V <sub>n</sub> m <sup>3</sup> /h	Shut-off flow V <sub>s</sub> m <sup>3</sup> /h	Protectable pipe length m	Reopening time sec/m
0.2	110.0	157.5	36	92
0.5	121.0	176.5	146	140
1.0	140.0	202.5	307	170
2.0	171.0	248.0	480	205
3.0	197.5	286.5	>500	225
4.0	220.5	320.0	>500	240
5.0	240.0	350.5	>500	250

### Flow values:

All data for nominal or shut-off flow (V<sub>n</sub>, V<sub>s</sub>) as well as leak and overflow volume are applicable for natural gas H, ρ<sub>n</sub> = 0.74 kg/m<sup>3</sup> at 0° C, 1013.25 mbar.

**Pressure drop at V<sub>n</sub>:** ≤15.0 mbar

### Installation position:

All installation positions permitted.

### Leak , overflow volume (UE type):

GS50/200 max. 3.8 l/h

GS50/200UE ≤38 l/h at 1.0 bar

### Protectable pipe length:

Guide values according to DVGW G 5305-2, Annex B

### Correction factor for other gases:

$$f = \sqrt{\frac{0.74}{\rho_n}}$$

f = Correction factor

ρ<sub>n</sub> = Standard density of the other gas type in kg/m<sup>3</sup> at 1013.25 mbar, 0° C

### Certifications/test basis:

EU-DE DVGW G 5305-2

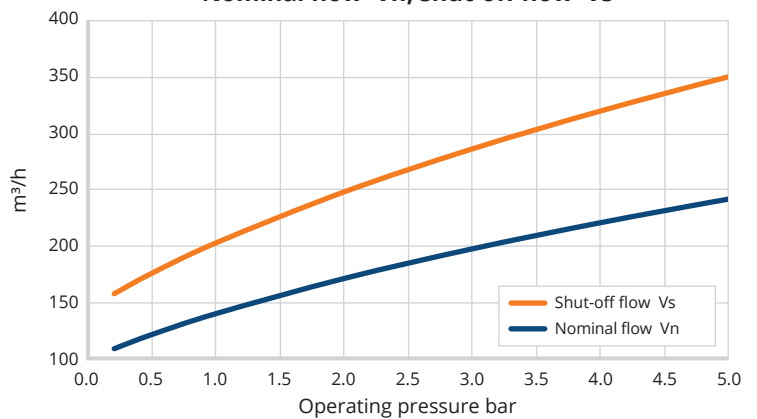
EU-AT ÖVGW QS-G 494



### Note:

For further information, see "Explanations on the product data sheets". Information on installation in service line of other dimensions is available on request.

Nominal flow V<sub>n</sub>, shut-off flow V<sub>s</sub>



Protectable pipe length

