

Pipelife Gas-Stop™ GS25/200(UE)

Excess Flow Valve for Service Lines (SL) d_a25/DN20



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

Product codes

	Automatic reopening	Sepa mounting part	Integd PE100/SDR11 adapter
GS25/200	-	•	-
GSA25/200	-	-	•
GS25/200UE	•	•	-
GSA25/200UE	•	-	•

Technical data

Operating pressure pe bar	Nominal flow Vn m ³ /h	Shut-off flow Vs m ³ /h	Protectable pipe length m	Reopening time sec/m
0.2	18.0	23.5	48	20
0.5	20.0	26.5	132	30
1.0	23.5	30.5	255	38
2.0	28.5	37.0	390	45
3.0	33.0	43.0	>400	50
4.0	37.0	48.0	>400	52
5.0	40.0	53.0	>400	55

Flow values:

All data for nominal or shut-off flow (Vn, Vs) as well as leak and overflow volume are applicable for natural gas H, p_n = 0.74 kg/m³ at 0° C, 1013.25 mbar.

Pressure drop at Vn: ≤15.0 mbar

Installation position:

All installation positions permitted.

Leak , overflow volume (UE type):

GS25/200 max. 3.8 l/h

GS25/200UE ≤38 l/h at 1.0 bar

Protectable pipe length:

Guide values for a leak size of 70 % of the pipe cross-section, pipe roughness k = 0.05 mm, discharge coefficient μ = 0.6

Correction factor for other gases:

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

f = Correction factor

ρ_n = Standard density of the other gas type in kg/m³ at 1013.25 mbar, 0° C

Certifications/test basis:

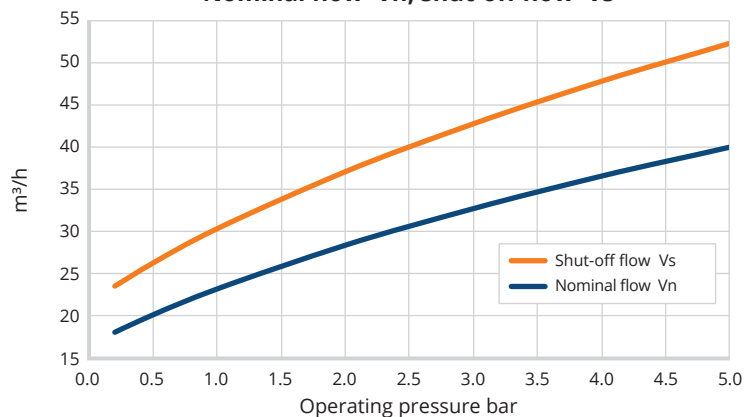
EU-AT ÖVGW QS-G 494



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 Vn, shut-off flow Vs



Protectable pipe length

