

Pipelife Gas-Stop™ GS50/35(UE)

Excess Flow Valve for Service Lines (SL) d_a50/DN40



Operating pressure: **0.035-5.0 bar (0.0035-0.5 MPa)**
 Colour code: **Violet**

Product codes

	Automatic reopening	Sepa mounting part	Integ PE100/SDR11 adapter
GS50/35	-	•	-
GSA50/35	-	-	•
GS50/35UE	•	•	-
GSA50/35UE	•	-	•

Technical data

Operating pressure pe bar	Nominal flow Vn m ³ /h	Shut-off flow Vs m ³ /h	Pipe length that can be protected m	Reopening time sec/m
0.035	38.0	56.0	50	18
0.050	38.0	56.5	91	32
0.1	39.0	58.0	>100	58
0.3	42.5	63.0	>100	112
0.5	45.5	67.5	>100	140
1.0	52.5	78.0	>100	170
2.0	64.0	95.0	>100	205
3.0	74.0	110.0	>100	225
4.0	83.0	123.0	>100	240
5.0	91.0	134.5	>100	250

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, ρn = 0.74 kg/m³ at 0° C, 1013.25 mbar.

Pressure drop at Vn: ≤2.5 mbar

Installation position: Deviations of -30° to +90° from the horizontal position permitted.

Leak, overflow volume (UE type):

GS50/35 max. 3.8 l/h

GS50/35UE ≤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

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

Certifications:

EU-DE DVGW G 5305-2

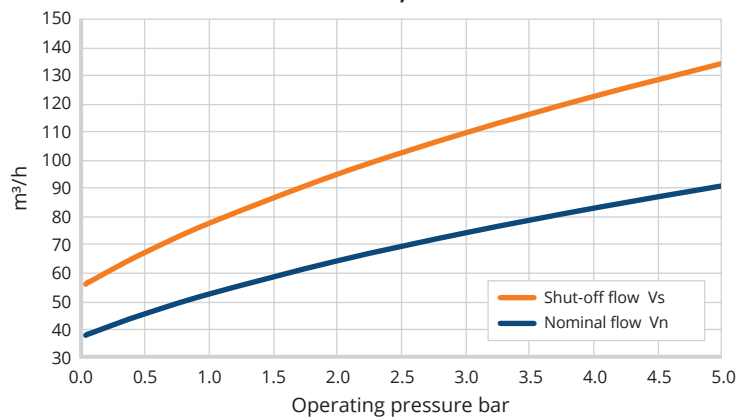
EU-AT ÖVGW QS-G 494



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 Vn, shut-off flow Vs



Protectable pipe length

