

Pipelife Gas-Stop™ GS110/30UE

Excess Flow Valve for Service Lines (SL) and distribution lines (DL) d_a110/DN100



Operating pressure: **0.03-1.0 bar (0.003-0.1 MPa)**
 Colour code: **Blue**

Product code

Automatic reopening	Integrd in PE100 adapter
GSA110/30UE	



Technical data

Operating pressure pe bar	Nominal flow Vn m³/h	Shut-off flow Vs m³/h	Protectable pipe length SDR 17 m	Reopening time sec/m
0.03	120.0	192.0	210	27
0.05	120.0	194.0	630	54
0.1	124.0	198.0	>700	90
0.5	144.5	231.5	>700	290
1.0	166.5	267.0	>700	387

Flow values:

All data for nominal or shut-off flow (Vn, Vs) and overflow volume are applicable for natural gas H, ρn = 0.74 kg/m³ at 0° C, 1013.25 mbar. Tolerance for shut-off flow +/- 5 %.

Pressure drop at Vn: ≤3.5 mbar

Installation position:

Deviation of ±10° from the horizontal position permitted.

Overflow volume (UE type):

GSA110/30UE ≤38 l/h at 0.1 bar

Protectable pipe length (SL):

Guide values according to DVGW G 5305-2, Annex B; Pipe roughness k = 0.05 mm, but leak size Ø 50 mm (VL on request)

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/test basis:

EU-DE DVGW G 5305-2 (0.03-1.0 bar)

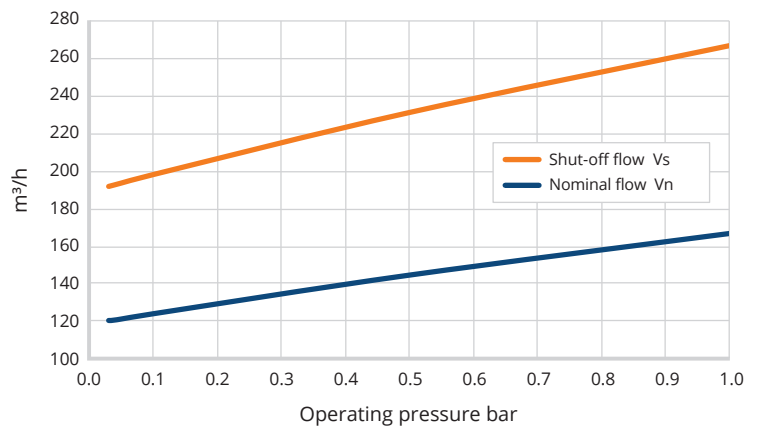
EU-AT ÖVGW QS-G 494 (0.03-0.1 bar)



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

