

Pipelife Gas-Stop™ GS110/200(UE)

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



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

Product codes

	Automatic reopening	Integrd in PE100 adapter
GSA110/200	-	•
GSA110/200UE	•	•



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 min/m
			SDR 11	SDR 17	
0.2	484.0	688.0	91	161	8
0.5	565.0	761.0	476	763	12
1.0	686.0	972.0	871	1542	15
2.0	881.0	1110.0	1836	2840	18
3.0	1026.0	1285.5	2647	3900	20
4.0	1140.0	1433.0	3468	4000	23
5.0	1244.0	1566.0	4000	4000	25

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. Tolerance for shut-off flow +/- 5 %.

Pressure drop at Vn: ≤25.0 mbar

Installation position: Deviation of ±10° from the horizontal position permitted.

Leak , overflow volume (UE type):

GS110/200 max. 3.8 l/h
 GS110/200UE ≤38 l/h at 1.0 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

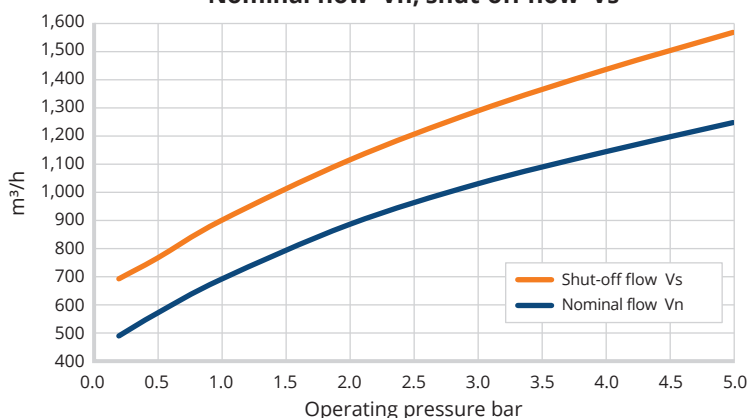
Certifications/test basis:

EU-DE DVGW G 5305-2
 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

