

Pipelife Gas-Stop™ GS110/1UE/ZV

Excess Flow Valve for Service Lines (SL) and distribution lines (DL) d_a160/DN150



Operating pressure: **1.0-10.0 bar (0.1-1.0 MPa)**
 Colour code: **White**

Product code

Automatic reopening	Integrd in PE100 adapter
GSA110/1UE/ZV	



Technical data

Operating pressure pe bar	Nominal flow Vn m³/h	Shut-off flow Vs m³/h	Protectable pipe length m		Reopening time min/m
			PE d160 SDR 11	PE d160 SDR 17	
1.0	2000.0	2296	269	420	7.5
2.0	2594.0	2868	811	1268	9.5
3.0	3037.0	3406	1261	1971	10.5
4.0	3374.5	3866	1698	2655	11.2
5.0	3674.5	4284	2128	3328	11.8
6.0	3946.0	4671	2552	3992	12.3
8.0	4422.5	5373	3385	-	13.2
10.0	4833.0	6000	4000	-	13.8

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: ≤65.0 mbar

Installation position: Max. ±5° from the horizontal installation position.

Leak , overflow volume (UE type):

GSA110/1UE/ZV ≤550 l/h at 5.0 bar
 ≤1.000 l/h at 10.0 bar

Protectable pipe length:

Guide values for a leak size Ø 60 mm, Pipe roughness k = 0.3 mm, discharge coefficient μ = 0.6

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:

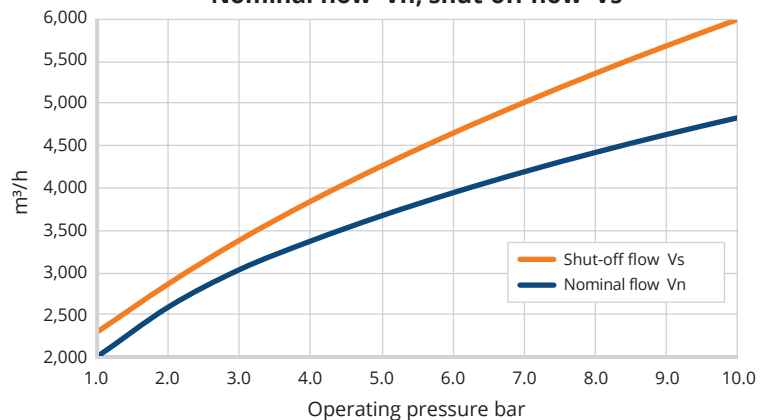
EU-AT ÖVGW QS-G 494



Note: For further information, see "Explanations on the product data sheets".

Depending on the respective pipeline configuration, larger pipeline lengths that can be protected are possible. Details on this as well as information on installation in lines of other dimensions are available on request.

Nominal flow Vn, shut-off flow Vs



Protectable pipe length

