

Pipelife Gas-Stop™ GS63/300(UE)

Excess Flow Valve for Service Lines (SL) and distribution lines (DL) d_a63/DN50



Operating pressure: **0.3-10.0 bar (0.03-1.0 MPa)**
 Colour code: **White**

Product codes

	Automatic reopening	Sepa mounting part	Integd in PE100 adapter
GSA63/300	-	-	•
GSA63/300UE	•	-	•

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 AL + VAL SDR11/m	Reopening time sec/m
0.3	200.0	262.0	55	32
0.5	215.0	281.0	117	43
1.0	248.0	324.0	254	58
2.0	304.0	397.0	493	73
3.0	351.0	458.0	716	81
4.0	392.5	512.0	931	88
5.0	430.0	561.0	1144	92
6.0	465.0	605.0	1354	96
8.0	527.0	686.0	1771	102
10.0	583.0	759.0	2186	107

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, ρ_n = 0.74 kg/m³ at 0° C, 1013.25 mbar. Tolerance for shut-off flow +/- 5 %.

Pressure drop at Vn: ≤20.0 mbar

Installation position: All installation positions permitted.

Leak , overflow volume (UE type):

GSA63/300 max. 3.8 l/h at p_{max.} 5.0 bar

GSA63/300UE ≤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 30 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

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

Certifications/test basis:

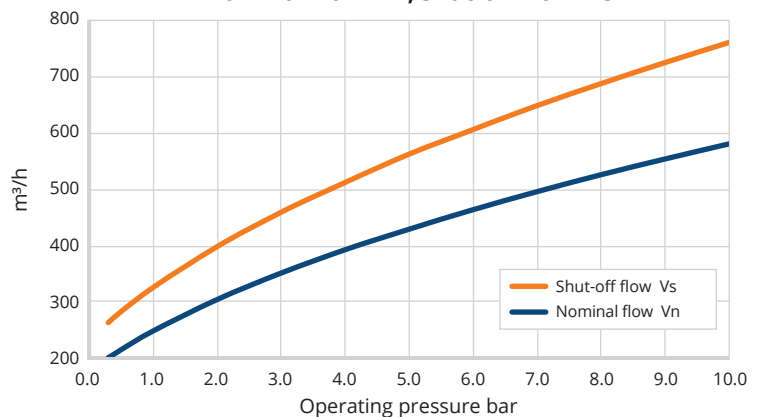
EU-AT ÖVGW QS-G 494



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

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

