

# Pipelife Gas-Stop™ GS63/300(UE)S

Excess Flow Valve for Service Lines (SL) and distribution lines (DL) d<sub>a</sub>63/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
GSA63/300S	•	-	•
GSA63/300UE/S	•	-	•

## Technical data

Operating pressure pe bar	Nominal flow V <sub>n</sub> m <sup>3</sup> /h	Shut-off flow V <sub>s</sub> m <sup>3</sup> /h	Protectable pipe length AL + VAL SDR11/m	Reopening time sec/m
0.3	255.0	382.0	5	32
0.5	273.5	410.0	27	43
1.0	315.5	473.0	90	58
2.0	386.0	578.5	199	73
3.0	446.0	667.5	300	81
4.0	498.0	746.0	397	88
5.0	545.5	817.5	494	92
6.0	589.0	883.0	593	96
8.0	668.0	1000.0	789	102
10.0	738.5	1106.0	985	107

### Flow values:

All data for nominal or shut-off flow (V<sub>n</sub>, V<sub>s</sub>) as well as leak and overflow volume are applicable for natural gas H, p<sub>n</sub> = 0.74 kg/m<sup>3</sup> at 0° C, 1013.25 mbar. Tolerance for shut-off flow +/- 5 %.

**Pressure drop at V<sub>n</sub>:** ≤25.0 mbar

**Installation position:** All installation positions permitted.

### Leak , overflow volume (UE type):

GSA63/300S max. 3.8 l/h at p<sub>max.</sub> 5.0 bar

GSA63/300UE/S ≤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<sub>n</sub> = Standard density of the other gas type in kg/m<sup>3</sup> at 1013.25 mbar, 0° C

### Certifications/test basis:

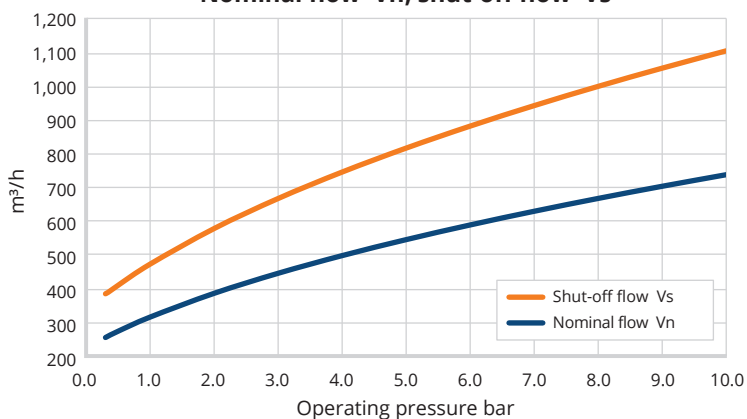
EU-AT ÖVGW QS-G 494



**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 V<sub>n</sub>, shut-off flow V<sub>s</sub>



Protectable pipe length

