

Pipelife Gas-Stop™ GS32/1(UE)

Excess Flow Valve for Service Lines (SL) d_a32/DN25



Operating pressure: **1.0-5.0 bar (0.1-0.5 MPa)**
 Colour code: **Yellow**

Product codes

	Automatic reopening	Sepa mounting part	Integd PE100/SDR11 adapter
GS32/1	-	•	-
GSA32/1	-	-	•
GS32/1UE	•	•	-
GSA32/1UE	•	-	•

Technical data

Operating pressure pe bar	Nominal flow Vn m³/h	Shut-off flow Vs m³/h	Protectable pipe length m	Reopening time sec/m
1.0	100.0	200.0	10	70
2.0	117.5	243.5	41	85
3.0	135.0	274.5	71	91
4.0	151.5	303.0	101	97
5.0	166.0	332.0	127	100

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, p_n = 0.74 kg/m³ at 0° C, 1013.25 mbar.

Pressure drop at Vn: ≤40.0 mbar

Installation position: All installation positions permitted.

Leak , overflow volume (UE type):

GS32/1 max. 3.8 l/h*

GS32/1UE ≤38 l/h at 1.0 bar

Protectable pipe length:

Guide values for a leak size of 70 % of the pipe cross-section, pipe roughness k = 0.05 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

EU-F Règlement NF 136 SAPE 102 (V_{n,max} 100 m³/h)

EU-F Certigaz APE H002-00

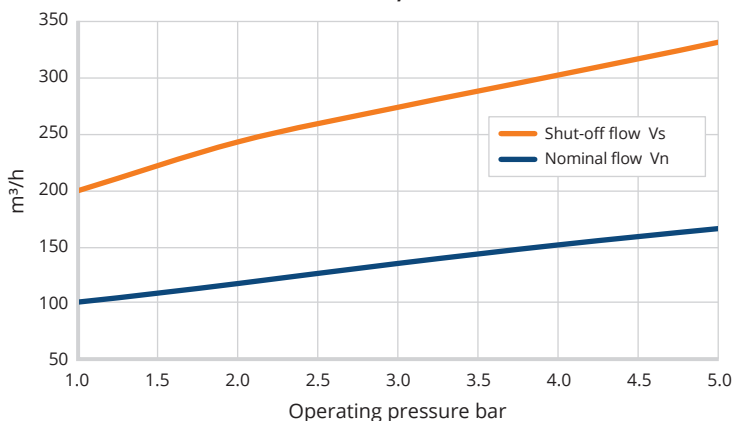


Note:

* EU-F licensing for Pipelife Gas-Stop™ integd in pressure-tapping valves; permitted leak ≤0.15 l/h. 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

