Thermal shut-off device TYPE TA11



Description:

A galvanized steel shut-off device that automatically shuts off the gas flow as soon as the trigger temperature is reached.

Product Features:

- Suitable for gases according to G260 and hydrogen
- in accordance with DVGW TRGI (Technical Rules for Gas Installations)
- With external sensor
- In accordance with the requirements of DIN 3586
- Corrosion protection under gas conditions per DVGW G260
- Classification according to PED Category 3, PED 2014-68-EU
- Observe flow direction

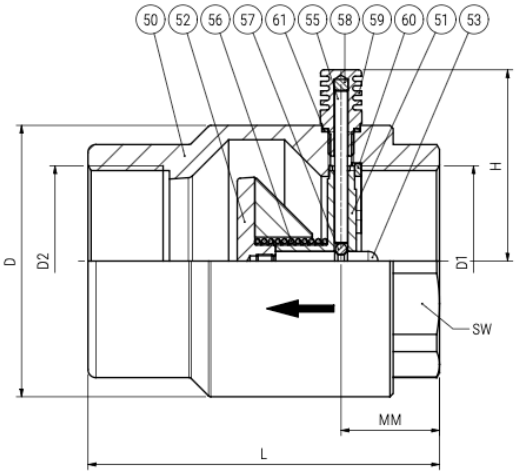
Connection:	**Construction:**	**Pressure rating:**
1 1/4", 1 1/2", 2"	full bore	MOP5

Type:	Body with integrated actuators and closing elements
Body material:	Galvanized steel 1.0715
Ball material:	Stainless steel 1.4301 / AISI 304
Locking cone material:	Stainless steel 1.4104 / AISI 430F
Thread:	DIN EN 10226-1
Temperature:	-20°C to +60°C
Ambient temperature:	≤ 60°C
Thermal resistance:	≤ 650°C
Activation temperature:	< 95°C ±5K
Activation time:	< 60 s
Pressure rating:	MOP5
Approval:	DVGW gas approval in accordance with DIN 3586 DVGW approval in accordance with the Gas Appliance Regulation GAR EU-2016-426

Data Sheet

Materials:

No.	Designation	Material
50	Body	Galvanized steel 1.0715
51	Star	Brass CW617N
52	Locking cone	Stainless steel 1.4104 / AISI 430F
53	Guide pin	Stainless steel 1.4104 / AISI 430F
55	Release pin	Stainless steel 1.4301 / AISI 304
56	Compression spring	Spring steel 1.4310
57	Ball	Stainless steel 1.4301 / AISI 304
58	Solder	Solder 95
59	Outdoor sensor	Galvanized steel 1.0503
60	Retaining ring	Spring steel
61	Sealing ring	Copper



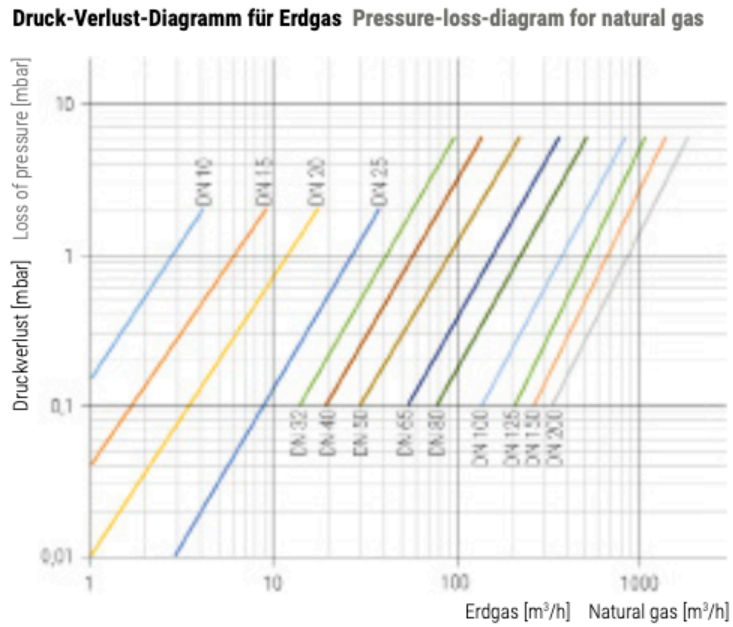
Dimensions for female thread / female thread:

D1	D2	DN	PN	L	MM	H	D	SW	Weight (kg)
Rp 1 1/4"	Rp 1 1/4"	32	5	90	25.8	49	63	50	0.99
1 1/2"	1 1/2"	40	5	90	25.8	53.4	72	55	1.25
Rp 2"	Rp 2"	50	5	110	30.8	60	85	70	1.81

Dimensions for female thread / male thread:

D1	D2	DN	PN	L	MM	H	D	SW	Weight (kg)
Rp 1 1/4"	R 1 1/4"	32	5	90	25.8	49	63	50	0.81
Rp 1 1/2"	R 1 1/2"	40	5	90	25.8	53.4	72	55	1.00
Rp 2"	R 2"	50	5	110	30.8	60	85	70	1.64

Pressure-Loss Diagram (for natural gas):



Item number:

Type	Seal	Connection	Size
TA11	**02 – DVGW Gas**	**00 – Female thread / Female thread** 01 – Female thread / Male thread	**06 – 1 1/4"** 07 – 1 1/2" 08 – 2"

Example No. TA11020006:

TA11	**02**	**00**	**06**

Threaded thermal shut-off device
Seal: DVGW gas
Connection: Threaded
Size: DN32

Image for illustrative purposes only; subject to technical and dimensional changes.