Threaded ball valve with integrated thermal shut-off device TAE TYPE TA02



Description:

Brass ball valve featuring an integrated shut-off mechanism 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
- Blowout-proof actuator stem
- Classified as PED Category 0, PED 2014-68-EU
- Marking in accordance with EN 19
- Strength requirements per DIN EN 331
- Maintenance-free
- Observe flow direction

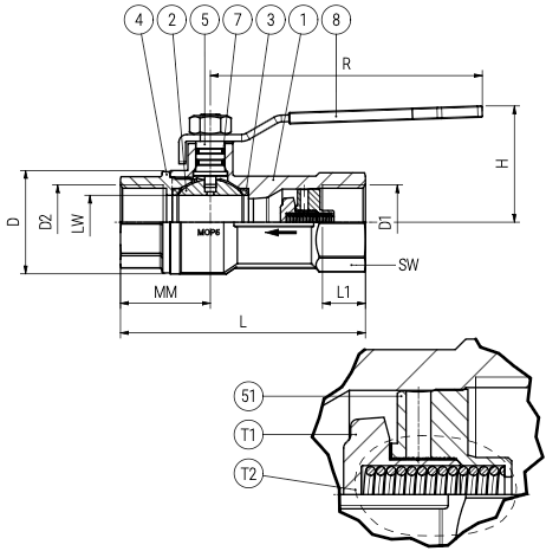
Connection:	**Construction:**	**Pressure rating:**
1/2", 3/4", 1"	Full bore	MOP5

Type:	Full bore per DIN EN 1983
Body material:	Nickel-plated brass CW617N
Ball material:	Chrome-plated brass CW614N
Ball seal:	PTFE
Lever handle:	Galvanized steel with yellow plastic coating
Thread:	Female thread DIN ISO 228-1
Temperature:	-20°C to +60°C
Ambient temperature:	≤ 60°C
Thermal load capacity:	≤ 650°C
Activation temperature:	< 95°C ±5K
Activation time:	< 60 s
Pressure rating:	MOP5
Approval:	DVGW Gas Approval MOP5 in accordance with DIN EN 331 and DIN 3586 C1 GT1 DVGW approval in accordance with the Gas Appliance Regulation GAR EU-2016-426

Data Sheet

Materials:

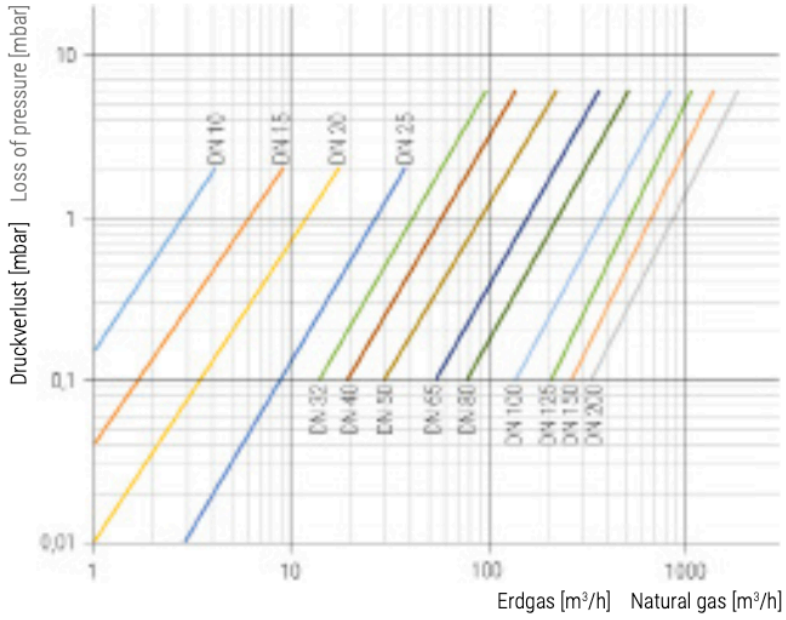
No.	Designation	Material
1	Body	Nickel-plated brass CW617N
2	Ball	Chrome-plated brass
3	Ball seal	PTFE
4	Nipple	Nickel-plated brass CW617N
5	Stem	Chrome-plated brass
7	Spindle seal	FKM
8	Handle	Galvanized steel
51	Star	Brass CW617N
T1	Locking mechanism	BG1
T2	Trigger elements	BG2
	Locking cone	Steel 1.0737
	Compression Spring	Spring steel 1.4310
	Lot	Alloy 95



Dimensions:

D1	D2	DN	LW	L	L1	MM	R	H	D	SW	Weight (kg)
G 1/2"	G 1/2"	15	14	84	11	25	102	39	31	25	0.30
G 3/4"	G 3/4"	20	19	96	11	28	102	42	40	31	0.45
G 1"	G 1"	25	24	109	14	33.5	121	52	46	38	0.74

Pressure-Loss Diagram (for Natural Gas):



Item Number:

Type	Seal	Connection	Size
TA02	**02 – DVGW gas**	**00 – Female thread**	**03 – 1/2"** 04 – 3/4" 05 – 1"

Example No. TA02020003:

TA02	**02**	**00**	**03**

Threaded ball valve with integrated thermal shut-off device
Seal: DVGW Gas
Connection: Internal thread
Size: 1/2"

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