
Threaded ball valve with integrated thermal shut-off device TYPE TA03



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 3 per PED 2014-68-EU
- LABS-compliant per VDMA 24364
- Silicone-free
- Observe flow direction

Connection:

1 1/4", 1 1/2", 2"

Construction:

full bore

Pressure rating:

MOP5

Type:

Body material:

Ball material:

Ball seal:

Lever handle:

Thread:

Temperature:

Ambient temperature:

Thermal load capacity:

Activation temperature:

Activation time:

Pressure rating:

Approval:

Full bore per DIN EN 1983

Chrome-plated brass CW617N

Chrome-plated brass CW614N

PTFE

Galvanized steel with yellow plastic coating

Female thread per DIN EN 10226-1

-20°C to +60°C

≤ 60°C

≤ 650°C

< 95°C ±5K

< 60 s

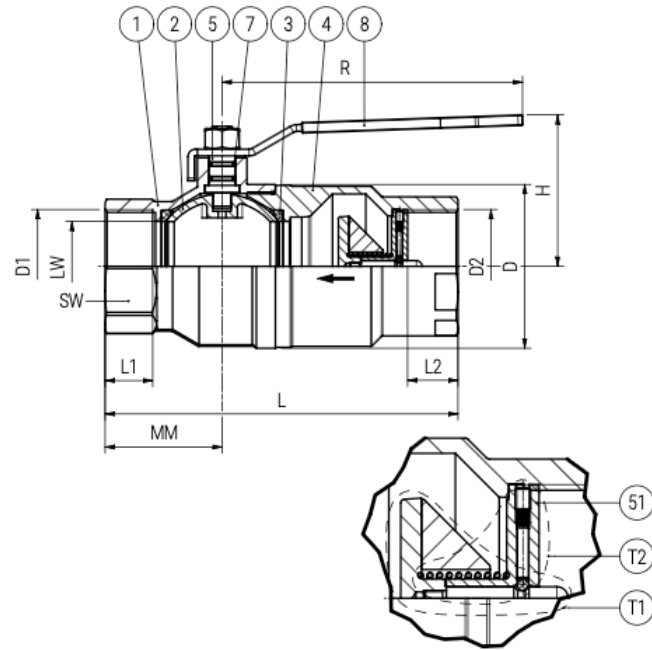
MOP5

DVGW Gas Approval MOP5 in accordance with DIN EN 331 and DIN 3586 C5

DVGW approval in accordance with the Gas Appliance Regulation GAR EU-2016-426

Materials:

No.	Designation	Material
1	Body	Chrome-plated brass CW617N
2	Ball	Chrome-plated brass CW617N
3	Ball seal	PTFE
4	Nipple	Chrome-plated brass CW617N
5	Stem	Chrome-plated brass CW614N
7	Spindle seal	FKM and NBR
8	Handle	Galvanized steel
51	Star	Brass CW617N
T1	Locking mechanism	BG1
T2	Trigger elements	BG2

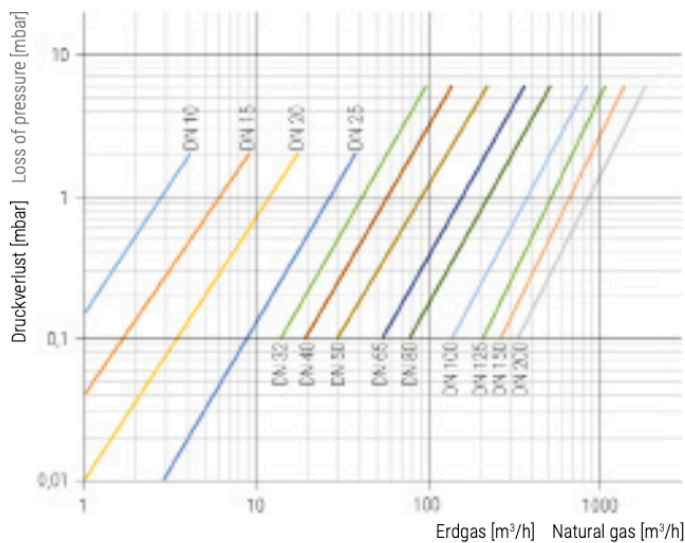


Dimensions:

D1	D2	DN	LW	L	L1	MM	R	H	D	SW	Weight (kg)
G 1 1/4"	G 1 1/4"	32	30	146	21	47	121	56	57	48	1.30
G 1 1/2"	G 1 1/2"	40	38	151.5	21	51.5	158	72	69	54	1.75
G 2"	G 2"	50	47	185.5	25	61.5	158	80	86	66	2.72

Pressure-Loss Diagram (for Natural Gas):

Druck-Verlust-Diagramm für Erdgas Pressure-loss-diagram for natural gas



Item number:

Type	Seal	Connection	Size
TA03	02 – DVGW gas	00 – Thread	06 – 1 1/4" 07 – 1 1/2" 08 – 2"

Example No. TA03020006:

TA03	02	00	06
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Threaded ball valve with integrated thermal shut-off device
Seal: DVGW gas
Connection: Threaded
Size: DN32

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