



0085

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Reference No. of the DoP: CE-0085CT0147 and CE-0085CT0148

Test basis: EN 331:2016 – DIN 3586 – DIN 3387-1 – EU/2016/426 A III B -
and DVGW VP 305-1 (only for VAIT – VAI)

Product: manually operated ball valves for gas installations for buildings,
intended to be used in gases of I, II and III families (G260).

Sub-products:

356 - VAIT: *manually operated ball valves with GS and TAE*

357 - VAI: *manually operated ball valves with GS*

358 - VAT: *manually operated ball valves with TAE*

359 - VA: *manually operated ball valves*

Pressure class: MOP 5 (VAT-VA) / MOP 0.1 (VAIT- VAI)

Nominal size: DN 15

Temperature class: - 20°C to 60°C

High temperature resistance class and related pressure class:

C1 (1 bar) only for VAIT and VAT

Dimension tolerance: pass

Internal pressure:

- Pressure: 0.1×10^5 Pa (VAIT- VAI) / 5×10^5 Pa (VAT-VA)

Tightness (air):

- Leak tightness (internal): ≤ 20 cm³/h
- Leak tightness (external): ≤ 20 cm³/h

Effectiveness:

- Rated flow rate: 1.3 m³/h (VAIT-VAI)

Mechanical strength:

- Torque and bending: pass
- Operating torque: pass

Safeguard against overloading of handle:

- Stop resistance: pass

Durability:

- Endurance (5000 operations): pass
- Resistance to low temperature: pass

Salt spray resistance: pass

Legenda: GS = excess flow device – TAE = thermal shut-off device