

Confirmation

No. 30383404E/SW/20.12.2023

A valve with the brand name

**Ball Valve 75-S
DN 80 PN 40**

of the manufacturer

**Perrin GmbH
DE - 61130 Nidderau**

was tested according to DIN EN ISO 15848-1 (dated 2017) in the test laboratory at amtec. The following sealing systems were used:

shaft sealing(s):

- 1 pc. Stem Packing; material: PTFE-2 GEW.% LEITPIGMENT; manufacturer: Heute + Comp. GmbH + Co.; dimensions: $\varnothing 35 \times \varnothing 30 \times 27.5$ mm,
- 1 pc. Sealing Ring; material: PTFE-25% GLAS; manufacturer: PTFE Competence Center GmbH; dimensions: $\varnothing 31 \times \varnothing 26 \times 2.5$ mm,
- 2 pcs. Belleville Spring; material: 1.4401/1.4404; dimensions: $\varnothing 50 \times \varnothing 31 \times 2.5$ mm.

body sealing(s):

- 1 pc. Body Gasket; material: GRAPHIT; manufacturer: ProPack AG; dimensions: $\varnothing 143 \times \varnothing 136 \times 3.5$ mm,
- 1 pc. Sealing Ring; material: PTFE-25% GLAS; manufacturer: Heute + Comp. GmbH + Co.; dimensions: $\varnothing 140 \times \varnothing 136 \times 2$ mm.

The performance class of the tested valve is:

ISO FE BH – CO3 – SSA 0 – t200 °C – (40/33.7 bar) – ISO 15848-1

The TA Luft (dated 2021) Chapter 5.2.6.4 shut-off and control valves requires for pressures of ≤ 40 bar and design temperatures of ≤ 200 °C the leak rate LB ($\leq 10^{-4}$ mg/(s·m)) referred to the shaft circumference. For pressures of ≤ 40 bar and design temperatures > 200 °C the leak rate LC must be met. Based on the type test according to DIN EN ISO 15848-1, the tightness class achieved was checked for compliance with the requirements of the TA Luft. Due to the tightness class BH achieved in the type test, which corresponds to leak rate LB, **the tested Ball Valve 75-S DN 80 PN 40 of the manufacturer Perrin GmbH is in compliance with the requirements of the TA Luft** (dated 2021).

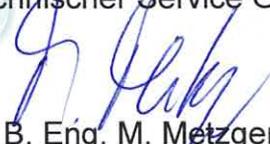
This confirmation is valid only in connection with the test report 3038344/- and the boundary conditions listed therein.

Lauffen, December 20th, 2023

amtec Advanced Measurement Messtechnischer Service GmbH



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