



Industrie Service

**Attestation of TA-Luft / VDI 2440 / VDI 3479  
and DIN EN ISO 15848-1**

**Swissfluid AG  
Industriestraße 40  
5600 Lenzburg**

**No. IS-AN5-MUC-2310-100251585-004**

Hereby, it is confirmed that the butterfly valve specified below and made by the above company was tested and approved according to VDI 2440 / VDI 3479 / EN ISO 15848-1 with more stringent requirements regarding the leakage rate. The details are outlined in the pertinent test report.

**Product description:**

Butterfly valve of the type SBP, fully lined or with metallic disc.

Nominal diameters: DN15 - DN150 PN 16  
DN 200 - DN 1000 PN 10  
1" - 42" ANSI 150 lbs

**The product satisfies the following requirements:**

- TA-Luft standard (measurement of leakage) as per VDI 2440 / VDI 3479
- Leak test according to EN ISO 15848-1:2006 [ $\lambda \leq 1 \cdot 10^{-4} \text{ mg} \cdot \text{s}^{-1} \cdot \text{m}^{-1}$ ]

**Service conditions:**

- Butterfly valve SBP
- Tightness class BH
- Load cycles: 2000 / CO<sub>2</sub>
- Temperature: -40 °C bis max. 200 °C
- Visual verification of the required surface pressure set forth in the operating manual
- Specified structure of the seal assembly

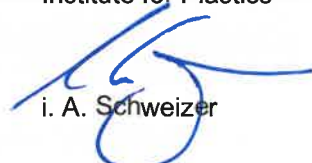
The product meets the requirements for leakage measurement defined in Section 5.2.6.4 of the TA-Luft standard. This attestation covers leakage measurement carried out on a stem seal as per VDI 2440 / VDI 3479 to verify tightness / compliance with the specific leakage rate defined in the TA-Luft standard [ $\lambda \leq 1 \times 10^{-4} \text{ mbar} \times \text{l}/(\text{s} \times \text{m})$  depending on type] and the EN ISO 15848-1 with the specific leakage rate [ $\lambda \leq 1 \cdot 10^{-4} \text{ mg} \cdot \text{s}^{-1} \cdot \text{m}^{-1}$ ] and extended tests under the above operating conditions.

This attestation will not be valid until Swissfluid AG in Lenzburg has completed leak and material testing and prepared a manufacturer's attestation in accordance with EN 10204 3.1, including the exact type designation plus serial number.

**This certificate is valid until December 2025.**

Munich, 17 October 2023

TÜV SÜD Industrie Service GmbH  
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i. A. Schweizer

