



Industrie Service

Attestation of Leakage Rate according to DIN ISO EN 15848-1:2017

No. IS-AN5-MUC-2504-100053982-001

**InterApp AG
Grundstr. 24
6343 Rotkreuz
SWITZERLAND**

Hereby it is confirmed that the PTFE and Ultraflon® butterfly valve Bianca of the named company with regard to the properties according to

- TA-Luft (18.08.2021), § 5.2.6.4
- DIN EN ISO 15848-1 (07-2017)

has been verified and approved. Details can be found in the corresponding test report.

The product fulfills the following requirements under the max. allowable operating conditions for the test medium helium defined by the manufacturer:

Tightness or compliance with the specific leakage rate as defined in TA-Luft

$$\leq 1 \times 10^{-4} \text{ mbar} \times \text{l} \times \text{s}^{-1} \text{ m}^{-1} \text{ and } \leq 0,01 \text{ mg} \times \text{s}^{-1} \text{ m}^{-1}$$

Compliance and assessment based on the requirements of the TA-Luft and DIN EN ISO 15848-1

Housing seal: ≤ 50 ppmv

Classification in the tightness class: BH $\leq 10^{-4} \text{ mg} \times \text{s}^{-1} \text{ m}^{-1}$

Product description:

- Butterfly valve type Bianca
- Stainless steel / PFA-overmoulded
- Lining: PTFE and Ultraflon®
- DN 32 - 900, 1 1/4" - 36"
- Operating conditions: -20 °C/12 bar; RT/12 bar; 200 °C/3 bar



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The product receives the marking according to the modular design

ISO FE – BH – C03 – SSA0 – t (-20 °C/+200 °C) – PN 16 until DN 300,
PN 10 until DN 600 and PN 6 until DN 900 – ISO 15848-1

Marking depending on the modular structure:

C03: 2500 mechanical cycles (full stroke)
SSA0: Number of readjustments: 0
Temperature classes: -20 °C until +200 °C
Nominal pressure: According to product brochure pressure /
temperature

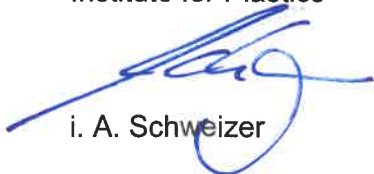
- Management instructions for installation, testing and maintenance of the sealing systems
- type testing according to guideline VDI 2440 (11-2000) and DIN EN ISO 15848-1 (07-2017)

The attestation is based on the test program of TA-Luft and DIN EN ISO 15848-1. This attestation includes the verification of flange gaskets and fittings with regard to tightness / leakage rate. This was proven by initial testing.

This confirmation is valid until April 2028.

Munich, 22. April 2025

TÜV SÜD Industrie Service GmbH
Institute for Plastics


i. A. Schweizer

