



Attestation of the leakage rate

No. IS-AN5-MUC-2402-137826-001



XOMOX International GmbH & Co. OHG
Von-Behring-Str. 15
88131 Lindau/Bodensee

Hereby, it is confirmed that the butterfly valve series 800 ISO FE live loaded of the above mentioned 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 reviewed and approved. Details can be found in the corresponding investigation report.

The product meets the following requirements under the maximum permissible operating conditions for the test medium helium defined by the manufacturer:

Tightness or compliance with the specific leakage rate as defined by the 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 evaluation based on the requirements of the TA-Luft and the 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 series 800 ISO FE live loaded
- Packing material: PTFE with graphite core
- Test item DN 200
- Shaft diameter: 31,8 mm
- PN40

Types:

Series 800 and Series 800ISO with a shaft diameter from 15.9 - 63.6 mm



Industrie Service

The product receives the marking according to the modular design.

Operating temperature and nominal pressure must be adapted to the corresponding values in the pressure / temperature diagram of the product brochure.

ISO FE – BH – C03 – SSA0 – t (RT/+232 °C) – PN40 – ISO 15848-1

Marking depending on the modular structure:

C03: 2500 mechanical cycles (full stroke)
SSA0: Number of readjustments: 0
Temperature classes: Room temperature up to +232 °C
Nominal pressure: According to product brochure Pressure / Temperature

- Management instructions for the assembly, testing and maintenance of the sealing systems
- type test according to guideline 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 attestation is valid until February 2027.

Munich, 01 February 2024

TÜV SÜD Industrie Service GmbH
Institute for Plastics



i. A. Schweizer

