



**Attestation of leakage rate**  
 No. IS-AN5-MUC-2204-5010045327-001

**ChemValve-Schmid AG**  
**Valve Technology**  
**Duennernstrasse 540**  
**4716 Welschenrohr**  
**Switzerland**

we hereby confirm that the PFA lined ball valve ChemBall | CSB with TrueFloat® Technology 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 with the A-No. 3579398-1.

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 by the TA-Luft

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

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

**Housing seal:  $\leq 50$  ppmv**  
**Classification in the tightness class: BH  $\leq 10^{-4} \text{ mg} \times \text{s}^{-1} \text{ m}^{-1}$**

**Product description:**

- ChemBall | CSB
- PFA lined ball valve
- TrueFloat® Technology
- DN 15 - 200, 1/2" - 8"
- PN 10 - 16, Class 150, JIS 10K



Industrie Service

**The product receives the marking:**

ISO FE – BH – C03 – SSA1 – t (-20 °C/+200 °C) – PN16 – ISO 15848-1

C03: 2500 mechanical cycles (full stroke)  
SSA0: Number of readjustments: 1  
Temperature classes: -20 °C to +200 °C  
Nominal pressure: according to operating instructions pressure/  
temperature

- Management instructions for installation, testing and maintenance of the sealing systems
- Type testing according to guideline VDI 2440 and DIN EN ISO 15848-1

The attestation is based on the test programme 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 30 April 2025.

Munich, 29 April 2022

TÜV SÜD Industrie Service GmbH  
Institute for Plastics

  
i. A. Mindl

