BESCHEINIGUNG ◆ ATTESTATION ◆ 证明书 ◆ СВИДЕТЕЛЬСТВО ◆ CONSTANCIA ◆ ATTESTAZIONE

Industrie Service

Attestation as per TA Luft / VDI 2440 / VDI 3479 and EN ISO 15848-1

Swissfluid AG
Industriestraße 40
5600 Lenzburg

Attestation No. IS-AN5-MUC-1801-100251585-001

We hereby confirm that the ball 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:

- Ball valve of the type SBV, lined with PFA

Nominal diameters: DN15 - DN150 PN16 full port
DN200 PN10, DN250 PN10 reduced port
½" - 8" ANSI 150 lbs full port, 10" ANSI 150 lbs reduced port

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 [$\lambda \leq 1*10^{-4}$ mg*s^{-1}*m^{-1}]

Service conditions:

- Ball valve SBV
- Tightness class BH
- Load cycles: 1000 / CO1
- Temperature: -20 °C - 200 °C
- Visual verification of the required surface pressure set forth in the operating manual
- Specified structure of the seal assembly

Performance category:
ISO FE BH – CO1 - SSA 0 – t - PN 16

The product meets the requirements for leakage measurement defined in Section 5.2.6.4 of the TA-Luft standard.

The 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 [$\lambda \leq 1x10^{-4}$ mbar x l/(s x m); Δp = 16 bar depending on type] and extended tests under the above operating conditions.

The attestation covers leakage measurement carried out on a stem seal as per VDI 2440 / VDI 3479 / EN ISO 15848-1 to verify tightness / compliance with the specific leakage rate defined in the TA-Luft standard [$\lambda \leq 1*10^{-4}$ mg*s^{-1}*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 certificate in accordance with EN 10204 3.1, including the exact type designation plus serial number.

This attestation is valid until January 2021.

Munich, 23 January 2018

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