



Industrie Service

InterApp Technics AG
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SCHWEIZ

The above organization is hereby entitled, on the basis of certificate No. 17 01 90257 001 and the appendant test report, to affix the certification body's certification mark shown below to the following product (see description below).



The product meets the requirements

- German Clean Air Act [TA-Luft] (leakage verification) in accordance with VDI 2440, issued in November 2000
- Operating conditions: -20 °C/12 bar; RT/12 bar; 200 °C/3 bar
- No. of switching cycles: 0, 125, 250, 500, 1000, 2000
- Alternating temperature behaviour (to max. and min. operating temperatures) Attainment of the required surface pressure in the sealing system through assembly according to the operating manual
- Specified packing design (formed part)
- Quality of the packing materials in accordance with purchase order specifications
- Surface roughness in accordance with drawings
- Dimensions, shape and position tolerances in accordance with drawings
- Certified production monitoring

The product meets the requirements relating to the equivalence according to Section 5.2.6.4 of the German Clean Air Act (TA-Luft). The basis are the "Testing principles for the suitability verification of stem seals in valves as being equivalent in accordance with the German Clean Air Act" of TÜV Süddeutschland Bau und Betrieb GmbH dated 22 September 1992. In addition, the certificate contains the suitability verification of a stem seal and an internal flange connection in accordance with VDI 2440 as regards tightness and the observance of the specific leakage rate according to the German Clean Air Act [$\lambda \leq 10^{-4}$ mbar x l/(s x m)] and an extended test under the above-mentioned operating conditions. The determination of the leakage rate took place following the DIN EN ISO 15848.

Product description:

Type: "Bianca" DN 32 - DN 900

butterfly valves: stainless steel / PFA-coated
 lining: fluoroplastic (PTFE and Ultraflon®)

Certificate validity is dependent on the operating instructions being read and observed. In particular, servicing must be conducted at regular intervals, and the bolted connections relevant for tightness inspected and retightened if necessary.

This certificate is valid until January 2020.
 Annual monitoring of production.

Munich, 18 January 2017

TÜV SÜD Industrie Service GmbH
 Institute for plastics

e. g. Schweizer

