

## Confirmation

Nr. 30274801E/SW/30.10.2015

The stem sealing of the ball valve with the brand name

**FHT-INTEC type 112 F.S.**

of the manufacturer

**Fluid Handling Technology S.A.  
E - 48810 Alonsotegi**

is designed for TA-Luft-applications. The stem sealing system consists of:

- Fire safe plate made of Peek; manufacturer: Klinger; dimensions: 33.5 x 24.4 x 0.5 mm,
- Fire safe seal made of Graphite; manufacturer: Klinger; dimensions: 34.0 x 24.2 x 4.5 mm,
- Packing set made of RPTFE and Moulded Graphite; manufacturer: Klinger; dimensions: 34.0 x 24.2 x 15.5 mm,
- Stem seal set made of RPTFE and Moulded Graphite; manufacturer: Klinger; dimensions: 32.0 x 24.2 x 6.5 mm.

In the laboratory of amtec a test was conducted under the following test conditions:

test number(s):	15-524
temperature:	RT
test pressure:	40 bar
medium:	Helium
period of leakage measurement:	24 h
stem cycles:	1,000 pcs.

The leak rate for the stem sealing measured with the Helium leak detector at the end of the period of the leakage measurement was  $7.8 \cdot 10^{-5} \text{ mbar} \cdot \text{l}/(\text{s} \cdot \text{m})$ .

The stem sealing system is in compliance with the tightness criteria of VDI 2440 (Edition November 2000) of  $1.0 \cdot 10^{-4} \text{ mbar} \cdot \text{l}/(\text{s} \cdot \text{m})$  for tests at a temperature lower than 250 °C and can be regarded as a high-grade sealing system for the purposes of TA-Luft.

This confirmation is only valid in combination with the test report 302 748 1/-.

Lauffen, 30.10.15

amtec Services GmbH



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