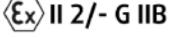
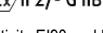


DECLARATION OF PERFORMANCE

According to Regulation (EU) No 305/2011 of the European Parliament and of the Council
number: DoP28_PKIR_H_EN

| | | | | | | | | | | | | |
|---|--|---|---|---|---|-------------------------------|---|-----|-----|-----|-------|-------|
| 1. Unique identification code of the product | PKIR3G, PKIR90-Ex, PKIR120-Ex, PKIR3G-Ex | | | | | | | | | | | |
| 2. Type | Round fire damper | | | | | | | | | | | |
| 3. Intended use of the construction product | Fire closure for HVaC ductworks for the compartmentalization | | | | | | | | | | | |
| 4. Name, registered trade name and contact address of the manufacturer | IMOS-Systemair 90043, Kalinkovo 146, Slovakia | | | | | | | | | | | |
| 5. Where applicable, name and contact address of the authorized representative | --- | | | | | | | | | | | |
| 6. System of assessment and verification of constancy of performance of the construction product | system 1 | | | | | | | | | | | |
| 7. Harmonized product standard, test standard, classification standard | EN 15 650, EN 1366-2, EN 13 501-3 | | | | | | | | | | | |
| 8. Identification number of the notified body | 1396 | | | | | | | | | | | |
| Name and address of the notified person | FIRES s.r.o. Osloboditelov 282, 059 35 Batizovce | | | | | | | | | | | |
| Which performed in system 1: | determination of the product type on the basis of type testing (including sampling) and descriptive documentation of the production initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control | | | | | | | | | | | |
| and issued certificate of constancy of performance | CE 1396-CPD-0061 and CE 1396-CPR-0076 | | | | | | | | | | | |
| Identification number and name of the notified person for ATEX certification | 1026 Fyzikálně technický zkušební ústav Ostrava-Radvanice, CZ | | | | | | | | | | | |
| Which examined type of the round and rectangular fire damper for the explosive environment according to | Council Directive 94/9/EC and EN 13463-1:2009 | | | | | | | | | | | |
| With marking |  | | | | | | | | | | | |
| Number of the EC-Type examination certificate | FTZU 13 ATEX 0046, FTZU 14 ATEX 0127X | | | | | | | | | | | |
| 9. Declared performance | | | | | | | | | | | | |
| round fire dampers TPI-28 PP-28 | 100 ≤ DN ≤ 400 |  1396-CPR-0076 FTZU14ATEX0127X |  | PKIR3G PKIR3G-Ex ATEX | fire resistivity EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S | supporting construction ve | Installation - tested at underpressure (Pa) | | | | | |
| | | | | | | | wet | 300 | 300 | 500 | 300 w | 300 w |
| | | | | | | ho | 500 | | 300 | | | |
| | | | | | | supporting construction ve | 500 | 300 | 300 | 500 | 300 w | 300 w |
| | | | | | | | ho | 500 | | 300 | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | 300 | 300 | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| ho | 500 | | | | | | | | | | | |
| round fire dampers TPI-28 PP-28 | 400 < DN ≤ 630 |  1396-CPR-0076 FTZU13ATEX0046 |  | PKIR3G PKIR60-Ex ATEX PKIR90-Ex ATEX PKIR120-Ex ATEX | fire resistivity EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S | supporting construction ve | wet | 300 | 300 | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | 300 | 300 | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | 500 | | | | |
| | | | | | | | ho | 500 | | | | |
| round fire dampers TPI-28 PP-28 | 630 < DN ≤ 1000 |  1396-CPD-0061 FTZU13ATEX0046 |  | PKIR3G PKIR60-Ex ATEX PKIR90-Ex ATEX PKIR120-Ex ATEX | fire resistivity EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S | supporting construction ve | wet | 500 | 500 | | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | 500 | | | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| round fire dampers TPI-28 PP-28 | 100≤DN≤1000 GOST |  C-SK.П1501.В.01806 |  | PKIR3G PKIR60-Ex ATEX PKIR90-Ex ATEX PKIR120-Ex ATEX | fire resistivity EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S | supporting construction ve | wet | 500 | 500 | | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | 500 | | | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| | | | | | | supporting construction ve | 500 | | | 500 | | |
| | | | | | | | ho | 500 | | | | |
| RIGID/FLEXIBLE WALL | | ONLY RIGID WALL/CEILING | | | | ONLY IN/ON THE DUCT | | | | | | |

ATEX When ordering the ATEX fire damper use codes with Ex such as PKIR3G-Ex or PKIR90-Ex ... All ATEX fire dampers are designated a class of explosion proof 

GOST certification for Russia and Commonwealth of Independent States (CIS) according to GOST standards: fire dampers PK-I-R-EI90S and PK-I-S-EI120S have resistivity EI90 and EI120 with allowed

w Installation on/out of a wall with mineral wool

Modulated fire dampers (the activation mechanism DV9-T-SR on page 10 in TPI-28) are manufactured: PKIR3G with DN ≥ 160 mm and PKIS3G with H ≥ 160 mm.

ACCORDING TO EN 15650 EACH FIRE DAMPER MUST BE INSTALLED ACCORDINGLY INSTALLATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER!

For dimensions of Ø100 up to 400 mm certificate number FTZU 14 ATEX 0127X

For dimensions Ø450 up to 1000 mm certificate number FTZU 13 ATEX 0046

Explosion-proof certified according to the EC Directive. 94/9/EC and the standards EN 13 463, Part 1

| | |
|-----------------------------|--|
| Supporting construction | Standard according to tab. 3 – 5 in EN 1366-2 |
| Direction of the blade axis | Wet and dry vertical / all installation methods horizontal |

| | |
|---|---|
| Fire resistance: maintenance of the cross section (under E) / integrity E / insulation I / smoke leakage S / mechanical stability (under E) / cross section (under E) | passed |
| Nominal activation conditions/sensitivity: - sensing element load bearing capacity - sensing element response temperature | passed |
| Response delay (resp. time) - closure time | passed |
| Operational reliability: - cycling motorized - cycling manual | passed 10200 cycles 50 cycles |
| Durability of operational reliability: open and closing cycle | passed |
| Durability of response delay: sensing element response temperature and load bearing capacity | passed |
| Tightness class according to EN 1751: -casing -blade | standardly C standardly 3 |
| Actuating mechanism: | <i>Manual</i> Electromagnet 24V AC/DC/ 230 V AC in impulse/interruption connection Servomotor 24V AC/DC/ 230 V AC |

Declared performance in *italic* are new against version G of the Declaration of Performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Kalinkovo the 10th November 2015

Ing. Ondrej Ertl CSc., technical director: 