systemair

CE

1396-CPD-0061

DECLARATION OF PERFORMANCE

number: DoP28_PKIR_A_EN

1. Unique identification code of the product	**PKIR**
2. Type	**Round fire damper**
3. Intended use of the construction product	Fire closure for HVaC ductworks for the compartmentization
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 adress of the notified person	FIRES s.r.o. Osloboditeľov 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

9. Declared performance

Type	Type of activation and signalization**	Dimension range (mm)	Installation *	Fire resistivity
PKIR EI30S&E60S	DV7 up to DV9-TW	Ø100 up to 630	rigid wall – wet / dry flexible wall – wet / dry ceiling / wet	EI30(ve i ↔ o)S E60(ve ho i ↔ o)S
PKIR EI60S	ZV, DV1 up to DV9-TW	Ø100 up to 630	rigid wall – wet / dry flexible wall – wet / dry ceiling / wet	EI60(ve ho i ↔ o)S
PKIR EI90S	ZV, DV1 up to DV9-TW	Ø100 up to 800	rigid wall – wet / dry flexible wall – wet / dry ceiling / wet	EI90(ve ho i ↔ o)S
PKIR EI120S	ZV, DV1 up to DV9-TW	Ø100 up to 1000	rigid wall – wet flexible wall – wet ceiling / wet	EI120(ve ho i ↔ o)S EI180(ve i ↔ o)S

* each fire damper must be installed according to installation manual PP28_PKIR_PKIS...
** types of the activation and signalization are mentioned in the catalogue TPI28_PKIR_PKIS...

Supporting construction	Standard according to tab. 3 – 5 in EN 1366-2
Direction of the blade axis	vertical / 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 B on demand C standardly 2 on demand 3

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 26-th July 2013

Ing. Ondrej Ertl CSc., technical director: .....