



DECLARATION OF PERFORMANCE

According to Regulation (EU) No 305/2011 of the European Parliament and of the Council
number: DoP28_PKIR_D_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 address 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 and CE 1396-CPR-0076

9. Declared performance

Name	Certificate no.	Activating mechanism	Dimension range (mm)	Installation ¹⁾			Fire resistivity	Tested by underpressure (Pa)			
				Solid wall	Flexible wall	Ceiling					
PKIR3G	 1396 - CPR - 0076	ZV, DV1 up to DV9-T-SR	ø100 up to 400	wet			EI60 (ve ho i↔o) S	500			
				dry	-	-	EI60 (ve i↔o) S				
				soft crossing			-			EI60 (ve ho i↔o) S	500
				installation kit	-	-	EI60 (ve i↔o) S				
				on a wall	-	-	EI60 (ve i↔o) S	300			
				out of a wall	-	-	-				
				wet			-			EI90 (ve ho i↔o) S	500
				dry	-	-	EI90 (ve i↔o) S				
				soft crossing			-			EI90 (ve ho i↔o) S	500
				installation kit	-	-	EI90 (ve i↔o) S				
				on a wall	-	-	EI90 (ve i↔o) S	300			
				out of a wall	-	-	-				
				wet			-			EI120 (ve ho i↔o) S	500
				installation kit	-	-	EI120 (ve i↔o) S				
PKIR-EI60S	 1396 - CPD - 0061	ZV, DV1 up to DV9-T-SR	ø>400 up to 630	wet, dry	-	wet	EI60 (ve ho i↔o) S	300			
PKIR-EI90S		ZV, DV1 up to DV9-T-W	ø>400 up to 1000	wet, dry	-	wet	EI90 (ve ho i↔o) S	300			
soft crossing			-								
PKIR-EI120S	ZV, DV1 up to DV9-T-W	ø>400 up to 1000 ²⁾	ø>400 up to 1000 ²⁾	wet, dry	-	wet ²⁾	EI120 (ve ho i↔o) S	300			

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

NOTES:

- The walls must have a structure and a fire resistance equal to or better than according to the table 3 - 5 in EN 1366-2.
- Nominal diameters bigger than ø800 mm in wet ceiling installation, vertically only the solid wall and dry or wet installation with coverplates.

Supporting construction	Standard according to tab. 3 – 5 in EN 1366-2
Direction of the blade axis	vertical / horizontal
Fire resistance:	passed

maintenance of the cross section (under E) / integrity E / insulation I / smoke leakage S / mechanical stability (under E) / cross section (under E)	
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

Declared performance are new against version C 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 21-st August 2014

Ing. Ondrej Ertl CSc., technical director: