




























product name UserManual - UM_... DataSheet - DS_... DeclarOfPerformance	dimension range (mm)	Certificate No.	picture	product type	fire resistivity	supporting construction	Installation - tested at underpressure (Pa)						
							(1) wet	(2) dry	(3) soft crossing	(4) installation kit	(5) on a wall	(6) out of a wall	
Click on link for document download  Circular fire dampers DS_PKIR_PKIS UM_PKIR_PKIS DoP_PKIR DS_PKIR-EX_PKIS-EX DoP84_PKI_ATEX	100 ≤ DN ≤ 400	 1396-CPR-0076 FTZU14ATEX0127X	 PKIR3G at Systemair DESIGN	PKIR3G PKIR3G-Ex ATEX	EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	500	300	300	500	300 ^w	300 ^w	
						ho	500	300	300				
						ve	500	300	300	500	300 ^w	300 ^w	
						ho	500	300	300				
						ve	500			500			
						ho	500						
	400 < DN ≤ 630	 1396-CPR-0076 FTZU14ATEX0127X	 PKIR3G at Systemair DESIGN	PKIR3G PKIR3G-Ex ATEX	EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	500	300	300	500	300 ^w	300 ^w	
						ho	500	300	300				
						ve	500	300	300	500			
						ho	500	300	300				
						ve	500			500			
						ho	500						
630 < DN ≤ 1000	 1396-CPD-0061 FTZU14ATEX0127X	 PKIR3G at Systemair DESIGN	PKIR3G PKIR3G-Ex ATEX	EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	500	300						
					ho	500							
					ve	500	300						
					ho	500							
					ve	500			500				
					ho	500							
Circular fire dampers TPI-87 PP-87 DoP87	ø100 - 630	 1396-CPD-0069	 Online catalogue	PKIR-E60S without ATEX	E60(ve ho i ↔ o)S	ve					300 ^{NOINS}	300 ^{NOINS}	
ho											300 ^{NOINS}	300 ^{NOINS}	
Cartridge fire damper DS_PKI-C UM_PKI-C DoP74	ø100 - 200	 1396-CPD-0050	 PKI-C at Systemair DESIGN	PKI-C-EI60S without ATEX PKI-C-EI90S without ATEX PKI-C-EI120S without ATEX	EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	300	300					
						ho	300						
						ve	300	300					
						ho	300						
						ve	300	300					
						ho	300						
Rectangular fire damper DS_PKIR_PKIS UM_PKIR_PKIS DoP_PKIS DS_PKIR-EX_PKIS-EX DoP84_PKI_ATEX	100x100 up to 1200x800	 1396-CPR-0077 FTZU14ATEX0127X	 PKIS at Systemair DESIGN	PKIS3G PKIS3G-Ex ATEX	EI60(ve ho i ↔ o)S EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	500	300	300	500 ^{KIT}	300 ^{w,P}	300 ^{w,P}	
						ho	500	300	300				
						ve	500	300	300	500 ^{KIT}	300 ^{w,P}	300 ^{w,P}	
						ho	500	300	300				
						ve	500			500 ^{KIT}			
						ho	500						
	800 < W ≤ 1200 & 100 ≤ H ≤ 300	 1396-CPR-0077 FTZU14ATEX0127X	 PKIS at Systemair DESIGN	PKIS3GA PKIS3GA-Ex ATEX	EI60(ve i ↔ o)S EI90(ve i ↔ o)S	ve	300				300 ^P	300 ^P	
						ho							
						ve	300				300 ^P	300 ^P	
						ho							
						ve	300						
						ho							
W>1200 and/or H>800 up to 1600x1000	 1396-CPD-0062 FTZU13ATEX0046	 PKIS at Systemair DESIGN	PKIS-EI90S MULTI PKIS90-Ex ATEX PKIS-EI120S PKIS120-Ex ATEX	EI90(ve ho i ↔ o)S EI120(ve ho i ↔ o)S	ve	300	300	300		300 ^w	300 ^w		
					ho	300	300	300					
					ve	300							
					ho	300							
					ve	300							
					ho	300			300				
Fire air grill TPI-48 PP-48 DoP48	200 x 220 up to 600 x 820	 SK01-ZSV-0122	 Discontinued PVM		EI60; EI90; EI120, EI20 and EW60	ve	without pressure measuring	without pressure measuring					
Air Transfer Grille (Type MMS) DS_FGS UM_FGS DoP_FGS	200x200 up to 800x1000	 SK01-ZSV-0364	 FGS		-0,2 ... 0,5 m * / EI90Sa, EW120	ve	S _a = 238m ³ /(hm ²) at 25 Pa		S _a = 238m ³ /(hm ²) at 25 Pa				
					0,5 ... 2,8 m * / EI60Sa, EW90	ve	S _a = 238m ³ /(hm ²) at 25 Pa		S _a = 33m ³ /(hm ²) at 25 Pa				
					0,5 ... 2,8 m * / EI90Sa, EW90	ve	S _a = 238m ³ /(hm ²) at 25 Pa						
					2,8 ... 4 m * / EI30Sa, EW90	ve	S _a = 238m ³ /(hm ²) at 25 Pa		S _a = 238m ³ /(hm ²) at 25 Pa				
Circular smoke damper - single*** DS_DKIR1_DKIS1 UM_DKIR1_DKIS1 DoP52	ø 100 up to 630	 1396-CPD-0058	 DKIR1 at Systemair DESIGN	DKIR1	E600120 (Ved i ↔ o) S500 C10000 AA single	ve						500	
Rectangular smoke damper - single*** DS_DKIR1_DKIS1 UM_DKIR1_DKIS1 DoP52	200x200 up to 1500x800	 1396-CPR-0058	 DKIS1 at Systemair DESIGN	DKIS1	E600120 (Ved i ↔ o) S1500 C10000 AA single**	ve						500 and 1500**	
Rectangular smoke damper - multi leaflet DS_DKISMA_DKISMAL UM_DKISMA_DKISMAL DoP53	200x200 up to 1600x1000	 1396-CPR-0112	 DKISMA at Systemair DESIGN	DKISMA & DKISMAL	EI120 (Vew flow i ↔ o) S1500 Cmod AA multi	ve	1500						
ho	1500												



ATEX When ordering the ATEX fire damper use codes with Ex such as PKIR3G-Ex or PKIS90-Ex ... All ATEX fire dampers are designated a class of explosion proof (Ex) II 2 / - G IIB
 MULTI Multi-installation in a wall (method 7 in [UM_PKIR_PKIS](#)): two dampers beside each other or one above the other, or four dampers - always with a horizontal axis of the blade
 KIT up to 800 x 600 mm only
 W Installation on/out of a wall with mineral wool, installation with EI90S (method 5.1 / 6.1 in [UM_PKIR_PKIS](#)) PKIR3G up to DN = 400 mm; PKIS3G up to 800x600 mm, installation with EI60S (method 5.2 / 6.2 in [UM_PKIR_PKIS](#)) PKIR3G up to DN = 500 mm; PKIS3G up to 800x600 mm
 P Installation on/out of a wall with Promatect boards, installation with EI90S (methods 5.3 / 6.3 in [UM_PKIR_PKIS](#)), installation with EI60S (method 5.4 / 6.4 in [UM_PKIR_PKIS](#))
 NOINS Installation on/out of a wall without insulation

* FGS's have fire resistivity for different installation heights (FGS bottom edge to the furthest ground)
 ** DKIS1 have the resistance E600120(ved i ↔ o)S500 C10000 AA single for dimensions bigger than 1200 x 800 mm
 *** Click on product name for download of the presentation with product basic knowledge

The tightness of the blade and the casing according to EN 1751 standard 3C for PKIR3G. For PKIS casing class C as standard, blade class 2 as standard and upon request class 3 for extra charge.
 Modulated fire dampers (the activation mechanism DV9-T-SR in [UM_PKIR_PKIS](#)) are manufactured: PKIR3G with DN ≥ 160 mm, PKIR-E60S all dimensions and PKIS3G with H ≥ 160 mm.