



*Good climate,
better performance!*

PRESTATIEVERKLARING (DoP) DECLARATION OF PERFORMANCE (DoP)

BFDC

DECLARATION OF PERFORMANCE

No: DoP 722/2019_1_EN

1. Unique identification code of the product-type:	Circular catridge fire damper
2. Identification of the construction product:	BFDC EI60S
3. Intended use(s) of the construction product:	Circular fire damper to be used in conjunction with fire separating elements to maintain fire compartments in HVAC installations.
4. Name and contact address of the manufacturer:	Klimaoprema d.d., Gradna 78A, 10430 Samobor
5. Not applicable	
6. System of assessment and verification of constancy of performance of the construction product	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body 2483 carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 2483 - CPR - 10001
8. Not applicable	
9. Declared performance according to EN 15650:	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance	
Range	Supporting construction	Supporting construction details	Type of installation	Classification	
φ100 - φ200mm (with and without valve)	Rigid wall	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	Gypsum plaster/Mortar	EI 60 (ve i↔o)S (300 Pa)	
			WEICHSCHOTT	EI 60 (ve i↔o)S (300 Pa)	
			Mineral wool + cover boards	EI 60 (ve i↔o)S (300 Pa)	
		Plasterboard type 98/48 (GKB) ≥100mm	Plasterboard type 98/48 (GKF) ≥100mm	Mineral wool + cover boards	EI 60 (ve i↔o)S (300 Pa)
				Gypsum plaster/Mortar	EI 60 (ve i↔o)S (300 Pa)
				Mineral wool + cover boards	EI 60 (ve i↔o)S (300 Pa)
	Floor/ceiling	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm		WEICHSCHOTT	EI 60 (ve i↔o)S (300 Pa)
				Gypsum plaster/Mortar	EI 60 (ho i↔o)S (300 Pa)
Type of installation: built in, 0-360°					
Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature				Passed	
Response delay (closing time) according to EN 1366-2:				Passed	
Operational reliability (opening, closing) according to EN 1366-2:				Passed	
Durability of response delay according to ISO 10294-4: - sensing element response to temperature and load bearing capacity				Passed	
Durability of operational reliability (opening and closing cycle) according to EN 15650: - Spring - 50 cycles				Passed	
Protection against corrosion according to EN 60068-2-52:				NPD	
Damper blade and casing leakage according to EN 1751:				NPD	

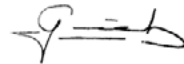
Harmonised standard EN 15650:2010

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

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

Signed for on behalf of the manufacturer by:

Sergio Galošić, General manager



Samobor, 7. January 2019

DECLARATION OF PERFORMANCE

No: DoP 723/2019_1_EN

1. Unique identification code of the product-type:	Circular catridge fire damper
2. Identification of the construction product:	BFDC EI90S
3. Intended use(s) of the construction product:	Circular fire damper to be used in conjunction with fire separating elements to maintain fire compartments in HVAC installations.
4. Name and contact address of the manufacturer:	Klimaoprema d.d., Gradna 78A, 10430 Samobor
5. Not applicable	
6. System of assessment and verification of constancy of performance of the construction product	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body 2483 carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 2483 - CPR - 10002
8. Not applicable	
9. Declared performance according to EN 15650:	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance
Range	Supporting construction	Supporting construction details	Type of installation	Classification
φ100 - φ200mm (with and without valve)	Rigid wall	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	Gypsum plaster/Mortar	EI 90 (ve i↔o)S (300 Pa)
			WEICHSCHOTT	EI 90 (ve i↔o)S (300 Pa)
			Mineral wool + cover boards	EI 90 (ve i↔o)S (300 Pa)
		Plasterboard type 98/48 (GKB) ≥100mm	Mineral wool + cover boards	EI 60 (ve i↔o)S (300 Pa)
			Gypsum plaster/Mortar	EI 90 (ve i↔o)S (300 Pa)
			Mineral wool + cover boards	EI 90 (ve i↔o)S (300 Pa)
		Plasterboard type 98/48 (GKF) ≥100mm	WEICHSCHOTT	EI 90 (ve i↔o)S (300 Pa)
	Floor/ceiling	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	Gypsum plaster/Mortar	EI 90 (ho i↔o)S (300 Pa)
Type of installation: built in, 0-360°				
Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature				Passed
Response delay (closing time) according to EN 1366-2:				Passed
Operational reliability (opening, closing) according to EN 1366-2:				Passed
Durability of response delay according to ISO 10294-4: - sensing element response to temperature and load bearing capacity				Passed
Durability of operational reliability (opening and closing cycle) according to EN 15650: - Spring - 50 cycles				Passed
Protection against corrosion according to EN 60068-2-52:				NPD
Damper blade and casing leakage according to EN 1751:				NPD

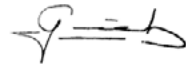
Harmonised standard EN 15650:2010

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

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

Signed for on behalf of the manufacturer by:

Sergio Galošić, General manager



Samobor, 7. January 2019

DECLARATION OF PERFORMANCE

No: DoP 724/2019_1_EN

1. Unique identification code of the product-type:	Circular catridge fire damper
2. Identification of the construction product:	BFDC EI120S
3. Intended use(s) of the construction product:	Circular fire damper to be used in conjunction with fire separating elements to maintain fire compartments in HVAC installations.
4. Name and contact address of the manufacturer:	Klimaoprema d.d., Gradna 78A, 10430 Samobor
5. Not applicable	
6. System of assessment and verification of constancy of performance of the construction product	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body 2483 carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 2483 - CPR - 10003
8. Not applicable	
9. Declared performance according to EN 15650:	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance
Range	Supporting construction	Supporting construction details	Type of installation	Classification
φ100 - φ200mm (with and without valve)	Rigid wall	Aerated concrete (≥550kg/m ³) ≥100mm and reinforced concrete (≥2200kg/m ³) ≥100mm	Gypsum plaster/Mortar	EI 120 (ve i↔o)S (300 Pa)
			WEICHSCHOTT	EI 90 (ve i↔o)S (300 Pa)
	Floor/ceiling	Plasterboard type 98/48 (GKB) ≥100mm	Mineral wool + cover boards	EI 90 (ve i↔o)S (300 Pa)
			Mineral wool + cover boards	EI 60 (ve i↔o)S (300 Pa)
			Gypsum plaster/Mortar	EI 90 (ve i↔o)S (300 Pa)
			Mineral wool + cover boards	EI 90 (ve i↔o)S (300 Pa)
	Floor/ceiling	Plasterboard type 98/48 (GKF) ≥100mm	WEICHSCHOTT	EI 90 (ve i↔o)S (300 Pa)
			Gypsum plaster/Mortar	EI 90 (ho i↔o)S (300 Pa)
Type of installation: built in, 0-360°				
Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature				Passed
Response delay (closing time) according to EN 1366-2:				Passed
Operational reliability (opening, closing) according to EN 1366-2:				Passed
Durability of response delay according to ISO 10294-4: - sensing element response to temperature and load bearing capacity				Passed
Durability of operational reliability (opening and closing cycle) according to EN 15650: - Spring - 50 cycles				Passed
Protection against corrosion according to EN 60068-2-52:				NPD
Damper blade and casing leakage according to EN 1751:				NPD

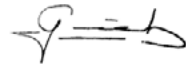
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Sergio Galošić, General manager



Samobor, 7. January 2019