

DECLARATION OF CONFORMITY

We, Swegon AB

Declare under our sole responsibility that the product:

Circular fire damper IGNIS-C-EI60 ≤ 315

To which this declaration relates, is in compliance with all the applicable essential requirements according to EN 15650:2010, and other provisions of the European Council Directive (89/106/EEC)

IGNIS-C-EI60 ≤ 315 Circular fire damper																							
Actuator: <ul style="list-style-type: none"> - MFUS: Fusible link mechanism - BLF(T): General purpose actuator 																							
Fire resistance according to EN 1366-2 and classifications according to EN 13501-3: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Range</th> <th>Type</th> <th>Wall</th> <th>Sealing</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Ø 100 up to Ø 315</td> <td>Rigid wall</td> <td>Aerated concrete min 100 mm</td> <td>With mortar</td> <td>EI 90 (v_e i ↔ o) S - (500 Pa)</td> </tr> <tr> <td>Rigid floor</td> <td>Aerated concrete min 100 mm</td> <td>With mortar</td> <td>EI 90 (h_o i ↔ o) S - (500 Pa)</td> </tr> <tr> <td>Ø 100 up to Ø 250</td> <td>Flexible wall</td> <td>Metal stud gypsum plasterboard GKA min 100 mm</td> <td>With stone wool + cover plates</td> <td>EI 60 (v_e l ↔ o) S - (500 Pa)</td> </tr> </tbody> </table>					Range	Type	Wall	Sealing	Classification	Ø 100 up to Ø 315	Rigid wall	Aerated concrete min 100 mm	With mortar	EI 90 (v _e i ↔ o) S - (500 Pa)	Rigid floor	Aerated concrete min 100 mm	With mortar	EI 90 (h _o i ↔ o) S - (500 Pa)	Ø 100 up to Ø 250	Flexible wall	Metal stud gypsum plasterboard GKA min 100 mm	With stone wool + cover plates	EI 60 (v _e l ↔ o) S - (500 Pa)
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Nominal activation conditions/sensitivity according to ISO 10294-4: <ul style="list-style-type: none"> - sensing element load bearing capacity - sensing element response temperature 			Pass																				
Response delay (response time) according to EN 1366-2: <ul style="list-style-type: none"> - closure time 			Pass																				
Operational reliability according to EN 1366-2: <ul style="list-style-type: none"> - cycling 			Pass																				
Durability of response delay according to EN 1366-2: <ul style="list-style-type: none"> - sensing element response temperature and load bearing capacity 			Pass																				
Durability of operational reliability according to EN 15650: <ul style="list-style-type: none"> - open and closing cycle 			MFUS - 50 cycles - passed BLF(T) - 10 000 cycles - passed																				
Protection against corrosion according to EN 60068-2-52:			Pass																				
Damper casing leakage according to EN 1751:			Min. class B																				

Declaration based on certificate of conformity BC1-606-0464-15650.52-2517 of BCCA.

Date & place of issue:
 Kvänum, 1 February 2012


 Signature:
 Anders Eriksson
 Technical Marketing Manager