



Pneumatic smoke and heat extraction device NRWG F6 LB Data Sheet

Aerodynamic smoke and heat extraction device according to EN 12101-2



Daylighting Solutions
Natural Ventilation Solutions
Smoke Management Solutions
Service & Maintenance
Building Automation

Application

The Pneumatic smoke and heat extraction device NRWG F6 LB is tested and certified for all flap systems in continuous rooflight LB basic or LB plus according to EN 12101-2.

As a complete pneumatic system, it is an efficient solution for aerodynamic smoke and heat extraction.

Application areas

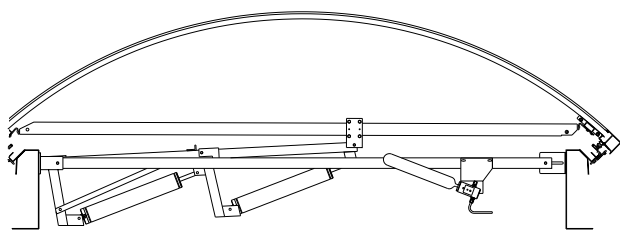
- Up to a roof pitch of max. 25°, depending on the mounting position (larger inclinations on request)
- Continuous rooflight LB basic und LB plus: in full and ridge flaps
- For requirements for qualified smoke and heat extraction

Advantages and Features

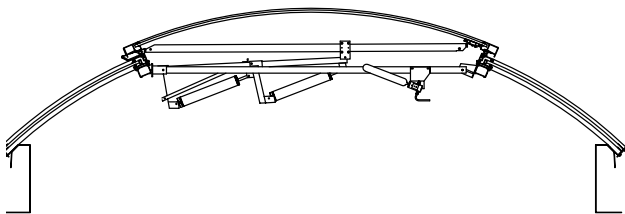
- Approved pneumatic SHEV with OPEN function
- Can be combined with linear drive or pneumatic cylinder for daily ventilation
- Wind deflectors to increase the aerodynamic extraction value (A_o value)
- Depending on requirement with TAG release temperature 68° C / 93° C / 110° C / 141° C available
- Tested and certified according to EN 12101-2



Technical Data



Cross section of full flap with SHEV



Cross section of ridge flap with SHEV

Full flap:

Across the entire span of the continuous rooflight.

- Dimension: In 1,00 m and 2,00 m available
- Span width: 1,35 m up to 2,52 m

Ridge flap:

In the ridge with two transom arches for attachment.

- Flap dimensions (B x L):
 - 1,50 x 2,00 m
 - 2,50 x 1,00 m
 - 2,50 x 2,00 m
- Span width: 2,00 m up to 3,00 m

Technical Data	
Functional safety; Classification of functional safety	Re 50 (Re 1000)
Functional safety; Opening to ventilation position	Re 10.000
Opening under environmental conditions; Opening with load	SL 500
Opening under environmental conditions; Low ambient temperature	T (-05)
Functional safety; Wind load	WL 1500
Performance under fire conditions; Heat resistance	B 300
Fire behaviour of building materials	E

Higher requirements on request.

DACH

Kingspan Light + Air GmbH
Kingspan-Straße 2
32107 Bad Salzuflen
T: +49 (0) 5222 791-0
F: +49 (0) 5222 791-236
E: info@kingspanlightandair.de
www.kingspanlightandair.de

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Subject to technical changes.
Illustrations not binding.

For the latest product information please visit
our website:



KLA_Datenblatt_Pneumatisches Rauch- und
Wärmeabzugsgerät NRW F6 LB_DE_DE

