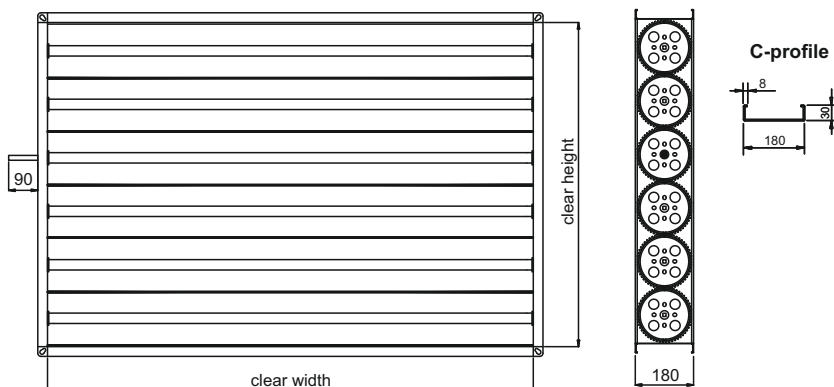


Damper JK-A-07 LK airtight in acc. with EN 1751 class 4



Multi-blade damper for air pressure and volume balancing and control in HVAC systems.

Description:

Blades:	Opposed-action airfoil blades made from galvanised steel with rubber edge seal; blade spacing 165 mm
Bearing:	Plastic-bearing
Drive mechanism:	Coupled in mid position, made from galvanised steel, 15 x 15 mm square, shaft extended 90 mm over frame, opening by turning counterclockwise. External gears made from special plastic, located at both ends of blade. Dampers with height from 1820 mm (11 blades) are pre-assembled with additional linkage tie rod
Frame:	Made from 1.5 mm galvanised steel plate, depth 180 mm, flange 30 mm, C-profile with corner borehole
Jamb seal:	Between frame and blades, includes slide film and special foam plastic
Service temperature:	-20°C to +80°C
Airtightness:	Closed blade leakage in acc. with EN 1751 class 4, case leakage in acc. with EN 1751 class B

Variants:

- Powder-coating according to RAL-standard colour
- Gear cover single-sided or double-sided

Pneumatic actuator: When connecting a pneumatic actuator, a special drive arm and a counter bearing is required

Installation and Maintenance Instructions

1. Installation

- Pay attention to a tension-free and rectangular installation.
- Check the damper before installation and after tightening the flange screws to ensure that the blades open and close smoothly.
- The airtight damper must be installed with horizontal blade orientation, only.
- Note, that the damper is to be kept free of ice when in service.

2. Operation

- Operate the damper with the drive shaft, only.

3. Maintenance

- The damper is maintenance-free and does not need lubrication.
Clean the damper dry depending on the degree of soiling.

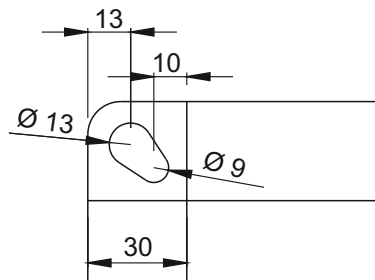
4. Accident hazard

- Keep hands out of the blades. Do not use blades for lifting of the damper.
Risk of injury when touching gears, linkage and cut edges.

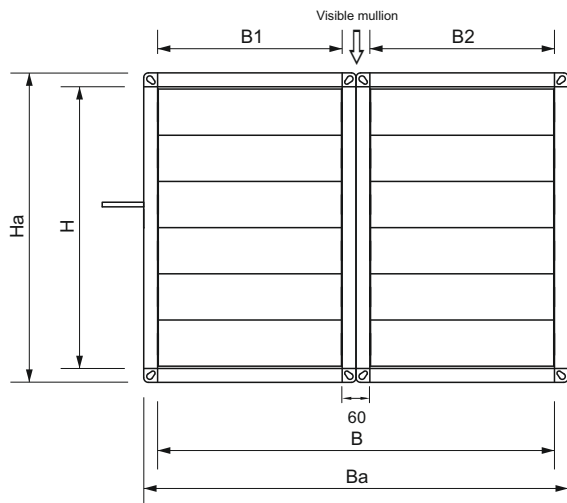
Damper JK-A-07 LK airtight in acc. with EN 1751 class 4

Technical Data

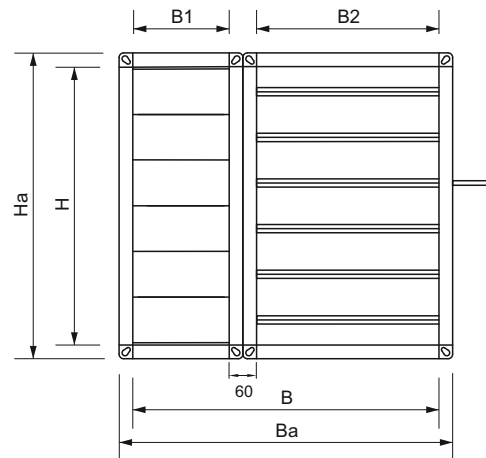
Corner hole layout
30 mm flange



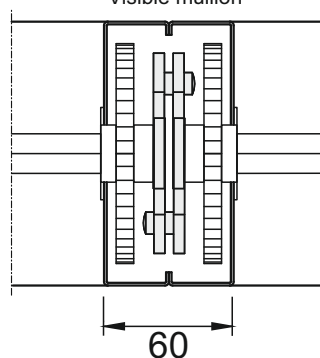
Damper coupling for width extension



Bypass function



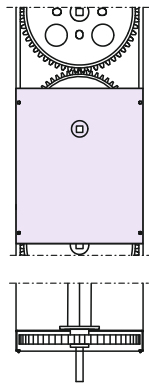
Visible mullion



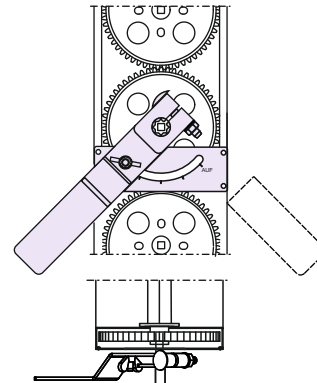
Damper JK-A-07 LK airtight in acc. with EN 1751 class 4

Technical Data

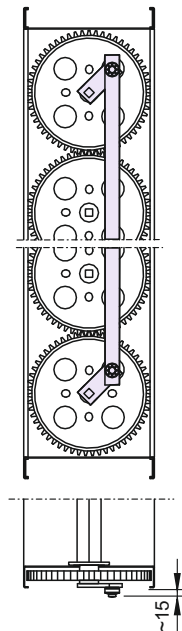
Motor mounting plate



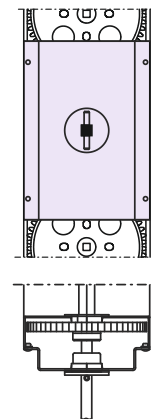
Manual adjustment lever with locking device



Linkage tie rod from H 1820 mm

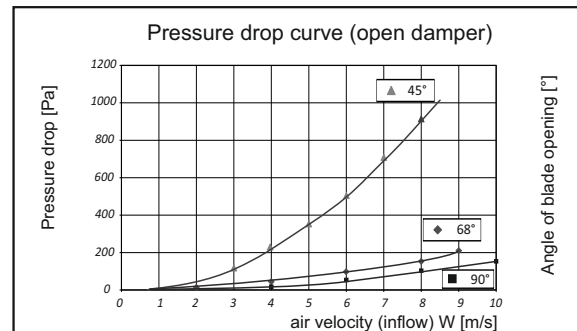
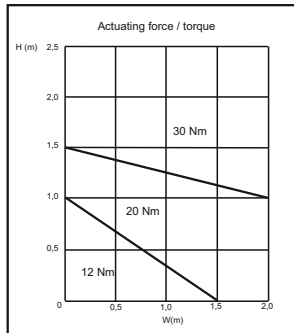


Counter bearing for drive arm for pneumatic actuator

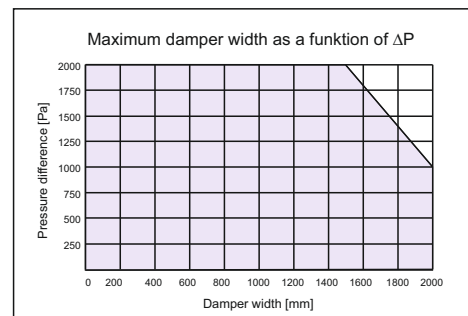


Damper JK-A-07 LK airtight in acc. with EN 1751 class 4

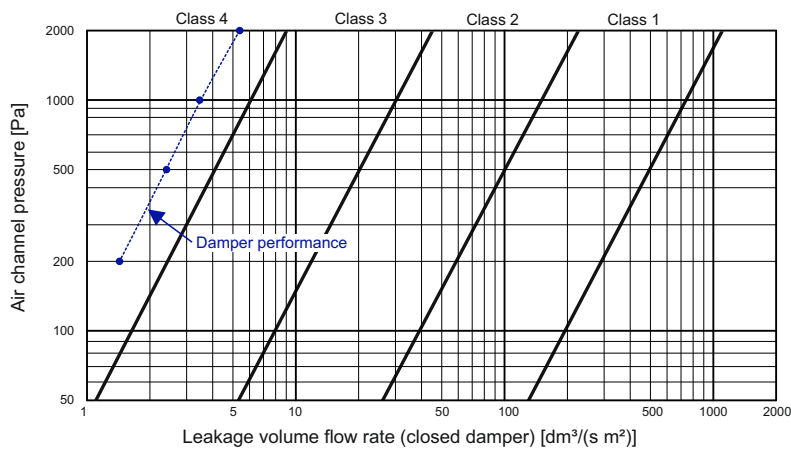
Technical Data



Damper sizes lying outside the gray-shaded zone have to be implemented as a combination of two smaller dampers.



Leakage performance test in acc. with DIN EN 1751
Robert Geiger Technische Bauteile GmbH, Ichenhausen
Type JK-A-07 LK



Tested dimensions: 1000 mm x 1000 mm
Testing approved by: TÜV NORD GmbH & Co KG, Germany