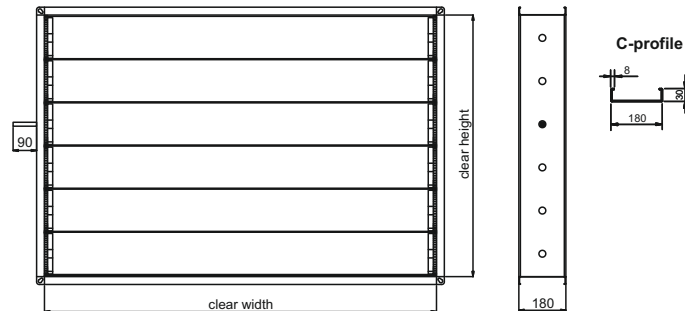


Damper JK-I-07 G



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. Internal gears made from special plastic, located at both ends of blade.
Frame:	Dampers with height from 1812 mm (11 blades) are pre-assembled with additional linkage tie rod Made from 1.5 mm galvanised steel plate, depth 180 mm, flange 30 mm, C-profile with corner borehole
Service temperature:	-20°C to +80°C
Airtightness:	Closed blade leakage in acc. with EN 1751 class 2

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.
- This damper may be installed with vertical blades, if is not intended for continual use applications. However, this will increase wear and tear due to pressure of the blades.
- 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.

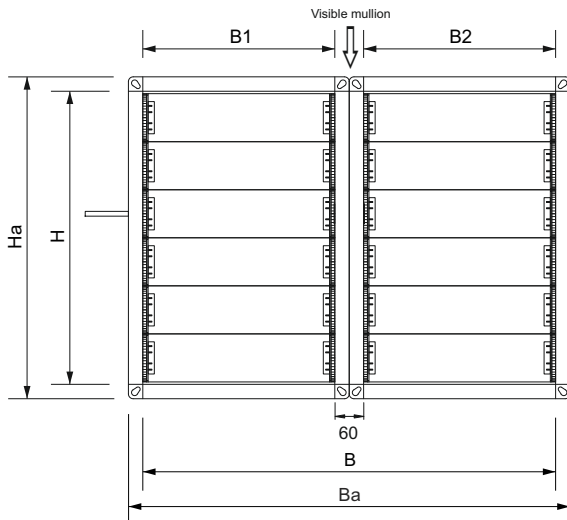
4. Accident hazard

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

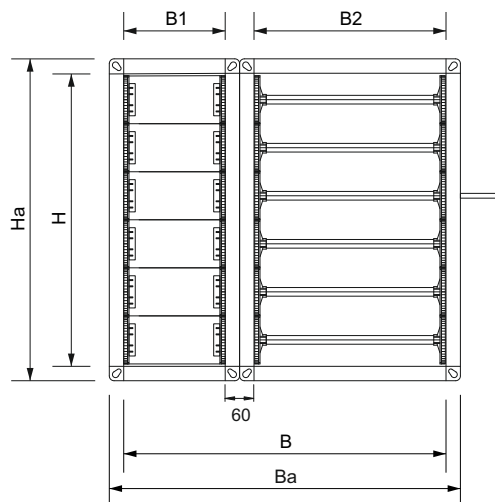
Damper JK-I-07 G

Technical Data

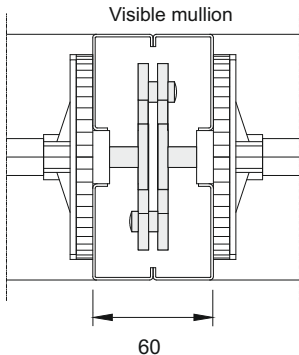
Damper coupling for width extension



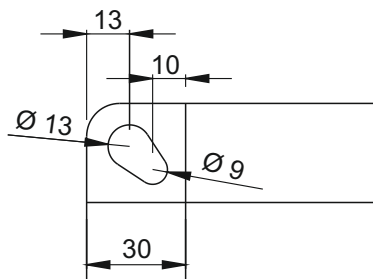
Bypass function



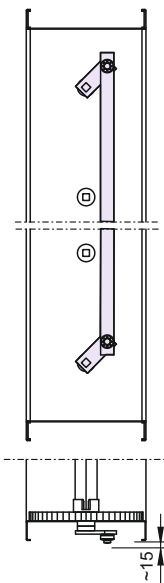
Visible mullion



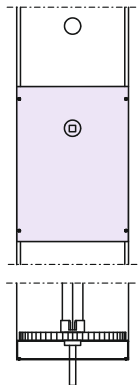
Corner hole layout
30 mm flange



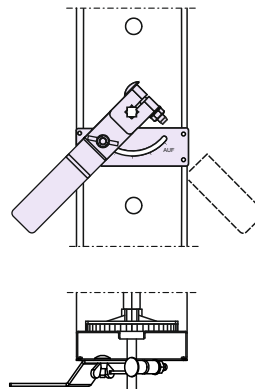
Linkage tie rod
from H 1812 mm



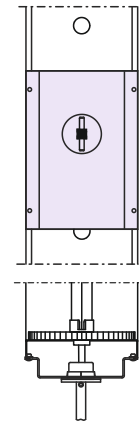
Motor mounting
plate



Manual adjustment lever
with locking device

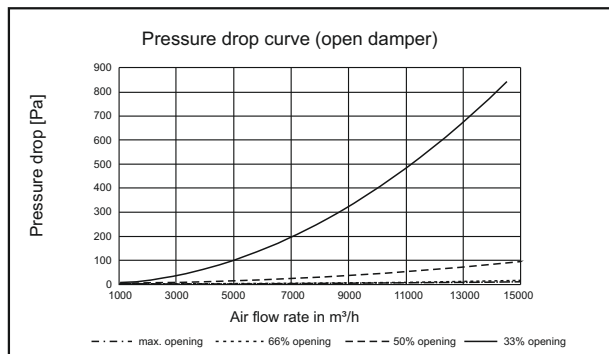
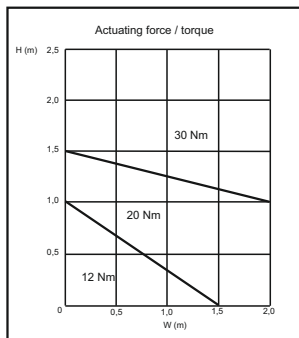


Counter bearing for drive arm
for pneumatic actuator



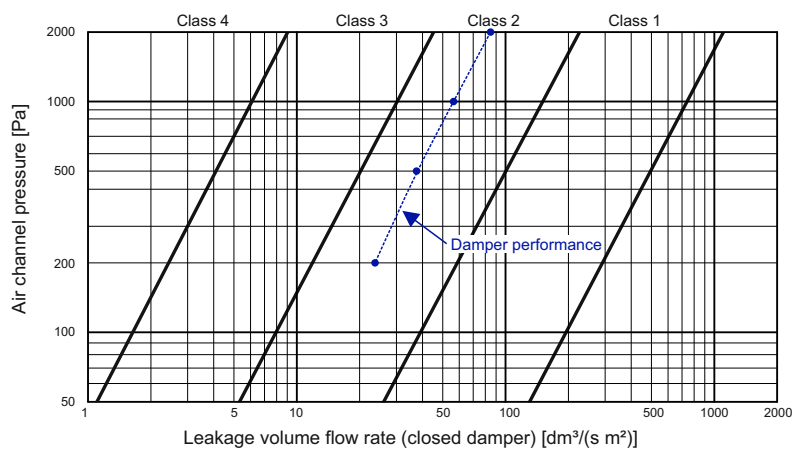
Damper JK-I-07 G

Technical Data



Maximum permissible pressure difference for dampers up to 2000 mm in width: 2000 Pa.

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



Damper size 1010 mm x 1000 mm, 6 blades, blade width 165 mm
Closing force: 7.5 Nm
Testing approved by: RWTÜV AT, Essen, Germany