


Multi-leaf damper

jk-180/120


 Free choice of dimensions

 Seamless slats, coupled either in the same or the opposite direction

 Damper connector enables large width dimensions

 Silicone-free

 Different installation depth can be selected

Product information

DL multi-leaf dampers are suitable for regulating pressure and volumetric flow rate in ventilation systems and closing off channels and openings in walls and ceilings. The damper should be installed at a right angle with horizontal slats. Coupled hollow body slats with rubber lip seals are held within connector profiles. With a choice of external cogs or a rod, meaning that the drive unit is not obstructing the airflow and that the hygiene requirements of VDI 6022 are met. Depending on the model, the leakage airflow of a closed damper corresponds to class 4 and the housing leakage airflow corresponds to class C in accordance with DIN EN 1751/is airtight in accordance with DIN 1946, sheet 4. The installation depth is either 180 or 120 mm. The dampers come with a

manual adjuster (including locking mechanism) as standard. Optionally, a motorised console can also be fitted to enable electric or pneumatic operation. The housing is fitted with a 30 mm (standard) or 20 mm profile frame, with corner brackets, on both sides.

Order code legend

Order code

JK-T-K-L-W-B-H-V-O

Material (M)

VZ – galvanised
ALU – aluminium
V2A – stainless steel V2A
V4A – stainless steel V4A

Depth (T)

180 mm
120 mm (ZR only)

Coupling (K)

GS/GE – rod in opposite direction
GS/GL – rod in same direction
ZR – external cogs, opposite direction

Leakage as per DIN 1751 (L)

2 – leakage class 2
4 – leakage class 4

Opening in mm (WxH)

W – width
H – height
Can be freely selected

Optional (o)

KS – console for actuator
LBM – brass bearing bush (GS+GL only)

VK – connector claw (to connect the damper in width)
VG – connector rod (to connect the damper in height)
M – motorised actuator
...-AZ – open/closed
...-SR – continuously adjustable
...-F – with spring return
...-SF – continuously adjustable and spring return
P – pneumatic drive
...-EW – single-acting with return spring
...-DW – double-acting
E-MA installation frame, bracket frame 35 x 35 x 5 mm with corner holes, with wall anchors – WA
VSG ... – with bird protection grille as ingress protection
P-RAL... – powder coating
L-RAL... – painting
RAL colour of choice

Example

Multi-leaf damper, galvanised, with rod in opposite direction, leakage class 4, P30 with console for actuator and continuously adjustable motor

Order code

JK-180-GS/GE-4-VZ-1000x800-P30-KS-M-SR

Technical data

Material

Galvanised steel
Aluminium
V2A stainless steel
V4A stainless steel

Pressure rating

-500/+1,000 Pa
-750/+2000 Pa

Leakage class

ATC 3 (C)

Dimensions

Width: min. 210 mm/max. on request
Height: min. 210 mm/max. on request
Depth: 180 or 120 mm, depending on model

Recommended air velocity

6–8 m/s

Finish

Powder coating as per RAL
Wet painting as per RAL
NCS or DB

Temperature resistance

-20° to +80°C