

## Throttle damper

drk



✓ Free choice of dimensions

✓ Good-value alternative to a multi-leaf damper

✓ Seamless damper blade

✓ Available in galvanised steel, aluminium/v2a and v4a stainless steel

✓ Silicone-free

### Product information

DL throttle dampers in a square design are used to regulate pressure and volumetric flow rate in ventilation systems. They are configured via a damper blade attached in the middle of the housing; in turn, this can be operated using a manual adjuster (including locking mechanism). Optionally, a motorised console can also be fitted to enable electric or pneumatic operation.

The damper is installed at a right angles with a horizontal damper blade. A connector profile is fitted on both sides to hold this model firmly in place. The valve shafts are maintenance-free.

### Technical data

#### Material

Galvanised steel  
Aluminium  
V2A stainless steel  
V4A stainless steel

#### Pressure rating

-500/+1,000 Pa  
-750/+2,000 Pa

#### Leakage class

ATC 3 (C)

#### Dimensions

Width: min. 200 mm/max. up to a cross-section of 0.5 m<sup>2</sup>  
Height: min. 200 mm/max. up to a cross-section of 0.5 m<sup>2</sup>

#### Recommended maximum air velocity

6 m/s

#### Finish

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

#### Temperature resistance

-20° to +80°C

### Order code legend

#### Order code

DRK-W-BxH-DK-DS-V-O

#### Material (M)

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

#### Opening in mm

W – width  
H – height  
Can be freely selected

#### VDI 3803 (DS) pressure rating

M – from -500 to +1,000 Pa  
H – from -750 to +2,000 Pa

#### DIN EN 16798-3 (DIN EN 1507) (DK)

#### airtightness class

B – ATC 4  
C – ATC 3

#### Connection (V)

P30 – profile frame with corner brackets  
P20 – profile frame with corner brackets

#### Optional (o)

KS – console for actuator  
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  
...-VSG – with bird protection grille as ingress protection  
P-RAL... – powder coating  
L-RAL... – painting  
RAL colour of choice

#### Accessories.

Combination with bird protection grille  
Actuator, pneumatic  
Actuator, electric

#### Example

Throttle damper, galvanised, P30 with console for actuator and continuously adjustable motor

#### Order code

DRK-VZ-1000x800-P30-KS-M-SR