

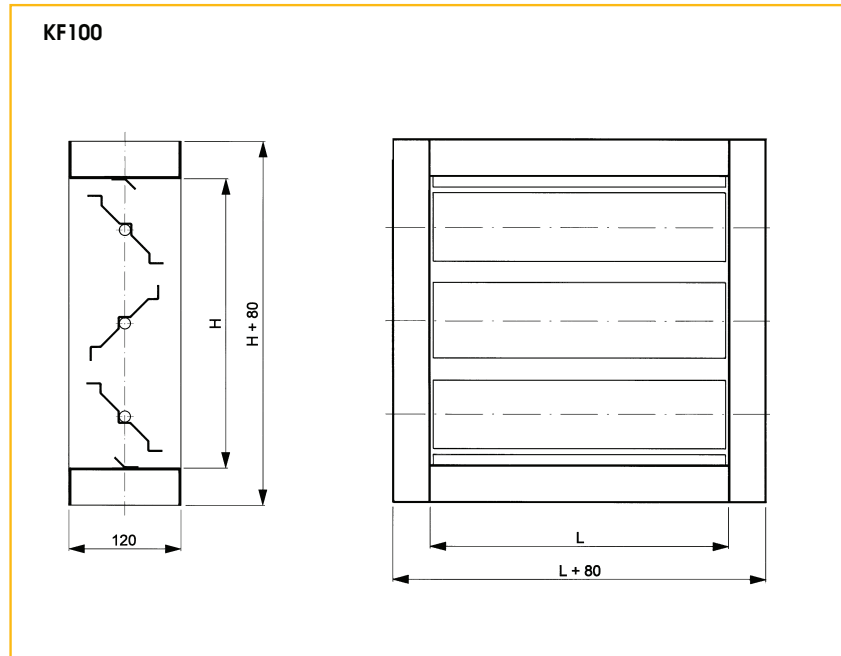
DAMPER KF100

Installation dimensions



Application

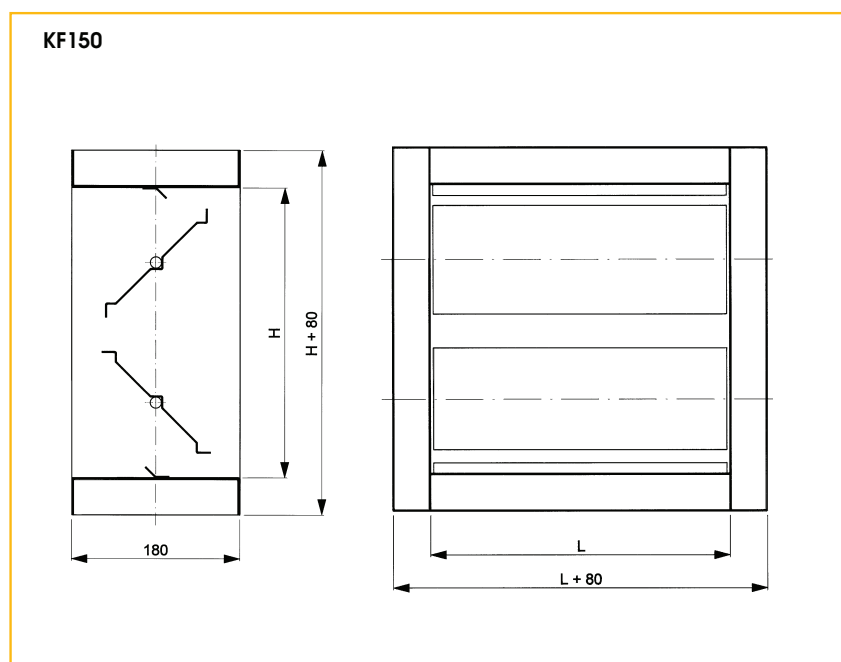
The damper, type KF100, is used in airconditioning installations and units as damper and/or stop valve. The duct damper can be equipped with a manual or motorised control to adjust the optimal air flow.



Technical information

Characteristics

- shafts of blades running in natural polyamide bearings
- opposed blades - blades on 100 or 150 mm centres
- available in steps of:
100 mm resp. 150 mm for damper with blade distance of 100 mm resp. 150 mm
min L= 200 mm, max L= 1200 mm
min H= 200 mm, max H= 1200 mm
- t° : - 20°C up to + 75°C
- all controls mounted outside of the airflow
- manual control: regulation quadrant with operating handle
- motorised control : Belimo motor
- 24 V of 220 V
- type dependent on damper dimensions
- with or without springs return
- open/close or modulating
- with or without auxiliary switch



All dimensions in mm.

DAMPER KF100

Construction

- shafts of blades running in natural polyamide bearings
- blades in galvanised sheet steel
- built in galvanised frame

Specifications description

Example :

Duct damper with opposed blades, blade pitch = 100 mm. Equipped with a handle for manual control. Construction in galvanised sheet steel.

Type : KF100H

Nom. dim. (LxH) ... x ... mm

Fixing

- with factory punched screw holes
- damper can be combined with an external louvre (with or without filter)
nominal dimension external louvre = nominal dimension damper + 90 mm.

How to order

KF100 with contraring turning blades; regulation quadrant with operating handle, dimensions 500 x 500 mm.

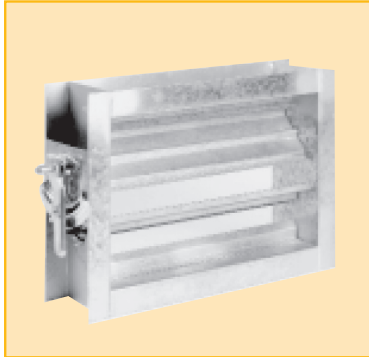
K	F	1	0	0	H	-	0	5	0	0	0	5	0	0
							L				H			

- : without control
H: with operating lever
B: motorised control (type depending on size of damper)

10 : blades on 100 mm centres
15 : blades on 150 mm centres

F : frame with screw holes

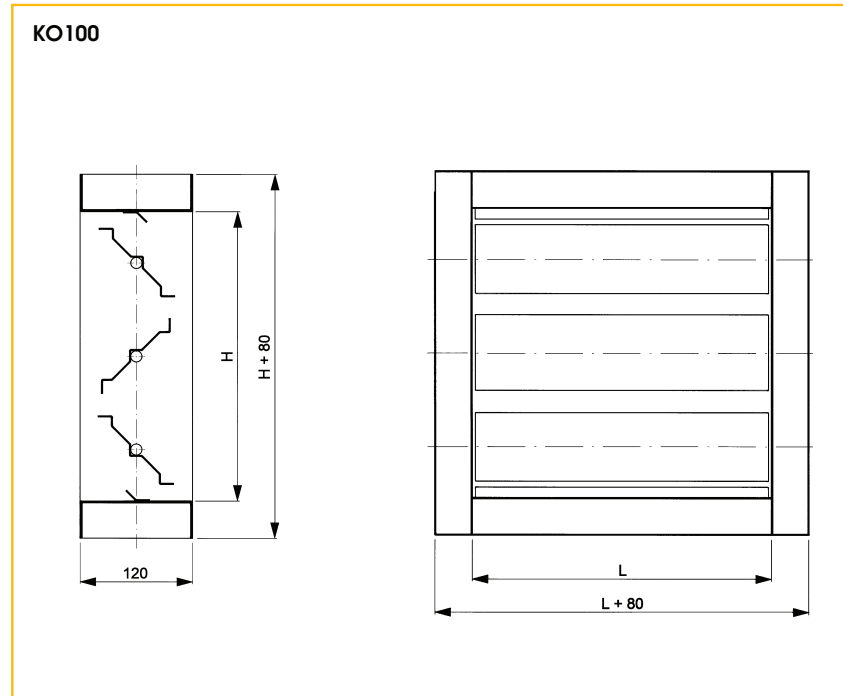
DAMPER KO100



Application

The damper, type K-100, is used in airconditioning installations and units as damper and/or stop valve. The duct damper can be equipped with a manual or motorised control to adjust the optimal air flow.

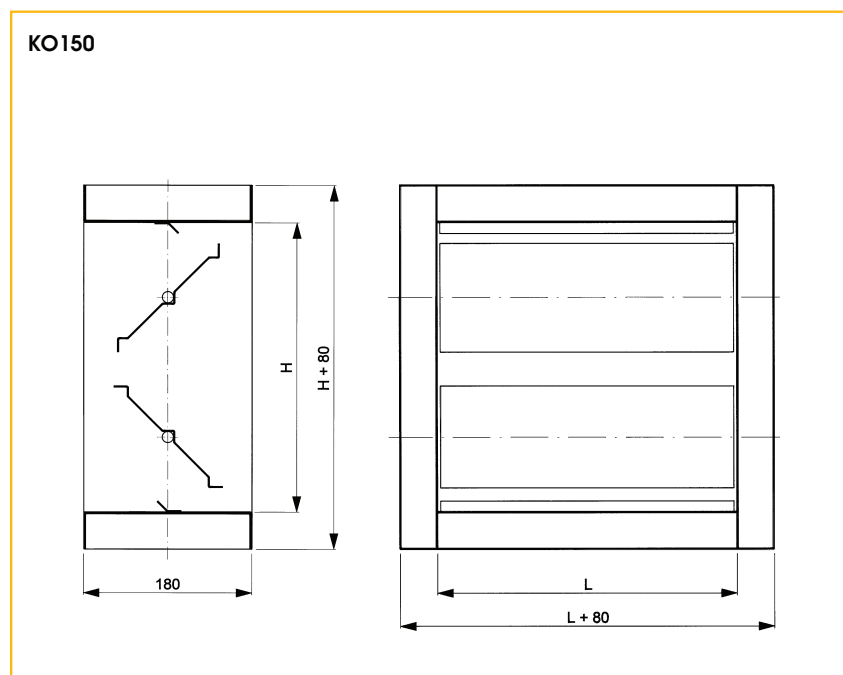
Installation dimensions



Technical information

Characteristics

- shafts of blades running in self-lubricating bronze bearings
- opposed and parallel blades - blades on 100 or 150 mm centres
- all controls mounted outside of the airflow
- manual control : regulation quadrant with operating lever
- motorised control : Belimo motor
 - 24 V or 220 V
 - type dependent on damper dimensions
 - with or without spring return
 - open/close or modulating
 - with or without auxiliary switch
- not hermetic construction :
 - L ≤ 1250 mm : blades in one piece
 - L > 1250 mm : 1 (or more) mullion
- hermetic construction :
 - L < 1000 mm : blades in one piece
 - L ≥ 1000 mm : 1 (or more) mullion



All dimensions in mm.

DAMPER KO100

Specifications description

Construction

- shafts of blades running in self-lubricating bronze bearings
- blades in galvanised sheet steel
- built in a galvanised frame

Accessories

Example :

Duct damper with opposed blades, blade pitch = 100 mm. Equipped with a quadrant for manual control. Not hermetic construction in galvanised sheet steel.

Type : KO101GS

Nom. dim. (LxH) ... x ... mm

Fixing

- version with factory punched screw holes
- the damper can be combined with an external louvre (with or without filter).
Nominal dimension external louvre = nominal dimension damper + 90 mm.

How to order

KO100 with contraring turning blades; regulation quadrant with operating lever and reading, dimensions 800 x 610 mm.

K O 1 0 1 G S 0 8 0 0 0 6 1 0

L H

G : with contraring turning blades
P : with parallel turning blades

0 : without control

1 : quadrant with operating lever and reading

2 : motorised control

4 : mounting plate for motor

10 : blades on 100 mm centres

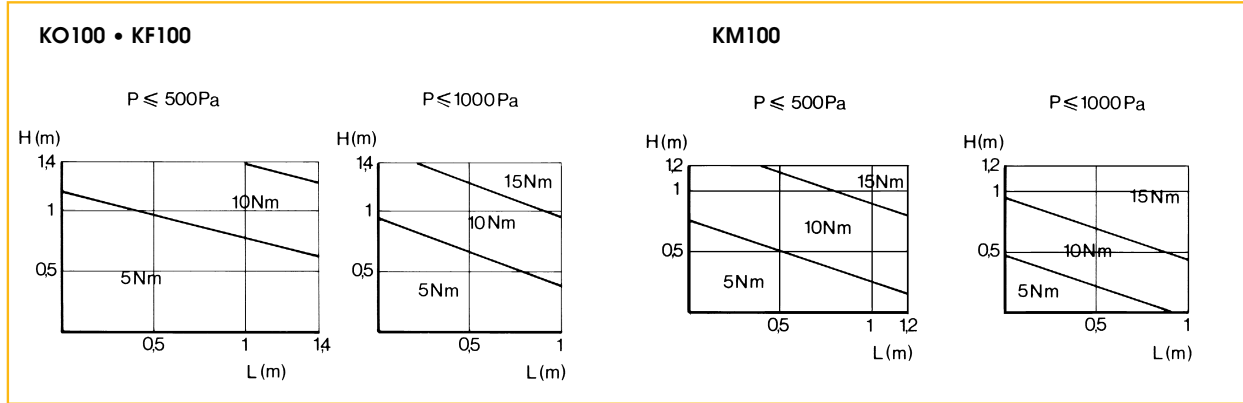
15 : blades on 150 mm centres

O : frame with screw holes

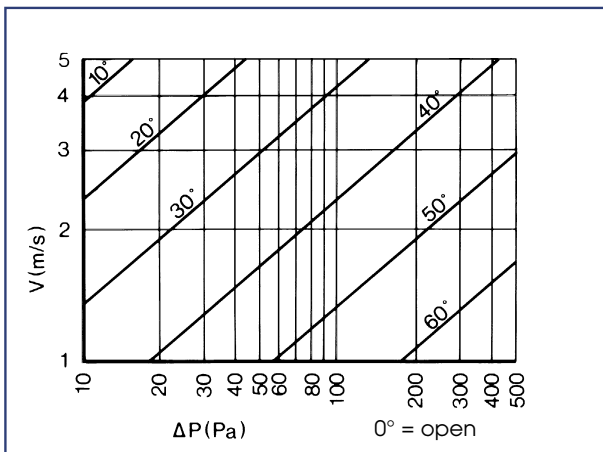
M : frame with screw holes + hermetic

DAMPER K-100

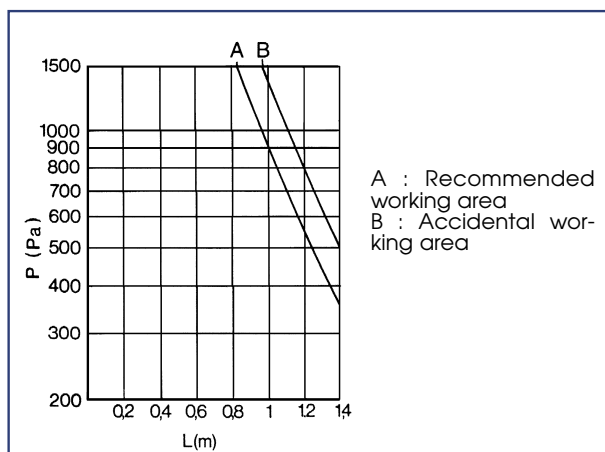
Motor torque



Pressure loss



Working area



DAMPER K-100

Leakage

