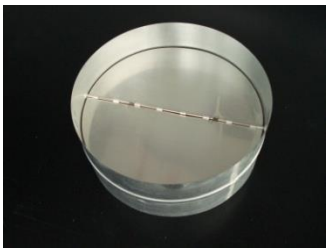
air grilles
ΣΤΟΜΙΑ ΚΛΙΜΑΤΙΣΜΟΥ

TYPE
DG – DN

GRAVITY DAMPER
PRESSURE DAMPER

DESCRIPTION

The **DG** series dampers are designed to be used in rectangular air ducts. The damper remains closed unless a pressure differential occurs. The blades come back to the closed position when the air flow in the duct stops.

The **DN** series dampers are designed to be used in circular ducts. It consists of semicircular blades that return to the closed position with the use of springs.

Their main characteristics are:

- Extruded aluminium blades with polyester foam seal to prevent noise when the blades close – **DG** series.
- Semicircular blades from aluminium sheet and polyester foam seal ring – **DN** series.

NOMINAL SIZES

The **DG** volume dampers are available in any combination of dimensions to meet the needs of the project.

The **DN** volume dampers are available in the following dimensions:

Φ 100	Φ 180	Φ 355
Φ 125	Φ 200	Φ 400
Φ 150	Φ 250	Φ 450
Φ 160	Φ 315	Φ 500

We highlight that:
- The order dimensions are the dimensions of the **air grille**.
- The blades are placed parallel to the **first** dimension of the grille.

INSTALLATION - FIXING

Each damper is fixed on the duct by means of rivets.

MATERIALS

Blades: Extruded aluminium anodized in matt silver.

Bearings: PVC.

Blades' axis: Steel.

DN casing: Galvanized steel.

Sealing strips/ring: Polyester foam.

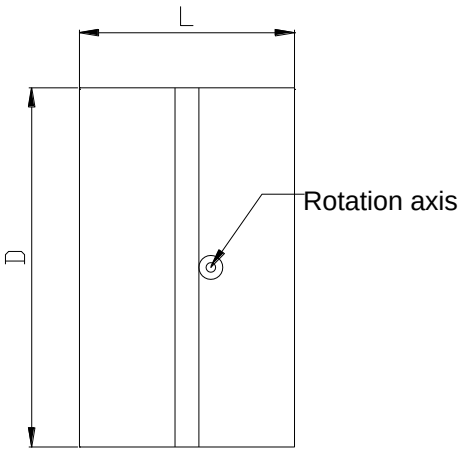
SPECIFICATION TEXT

DG Series

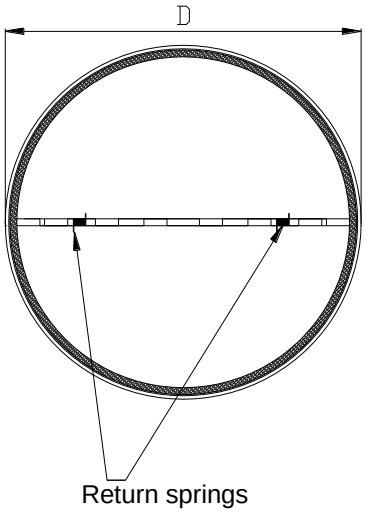
Gravity damper consisting of extruded aluminium blades and PVC bearings with suitable casing for direct fixing in rectangular ducts.

DN Series

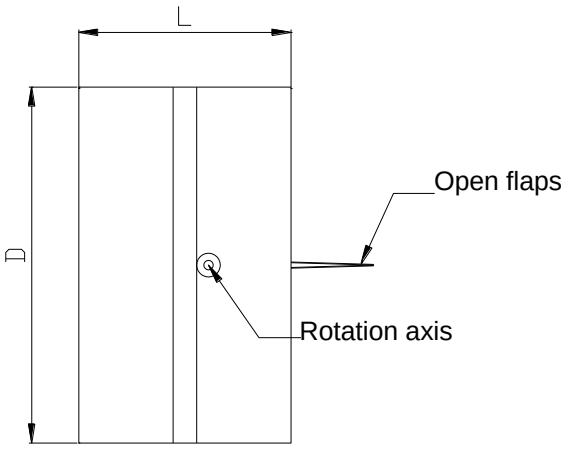
Circular gravity damper consisting of galvanized sheet for direct fixing in circular ducts. With semicircular blades from aluminium sheet.



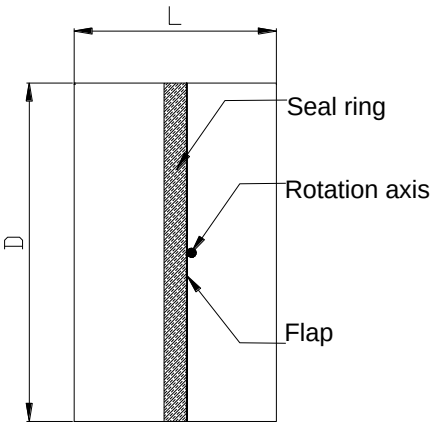
DN – SIDE VIEW



DN – FRONT VIEW

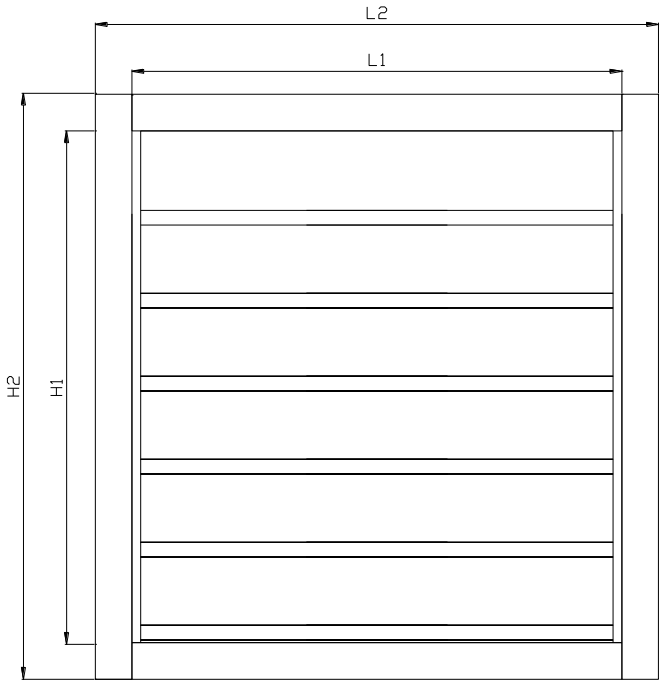


DN – SIDE VIEW - OPEN

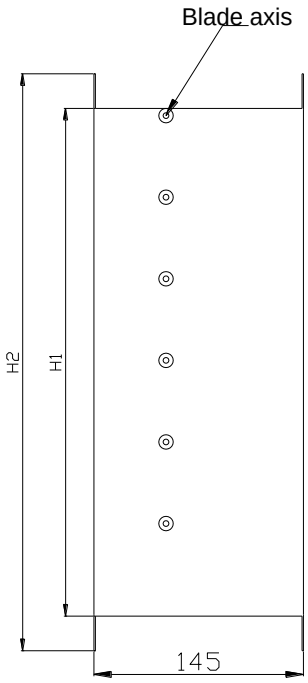


DN – SECTION

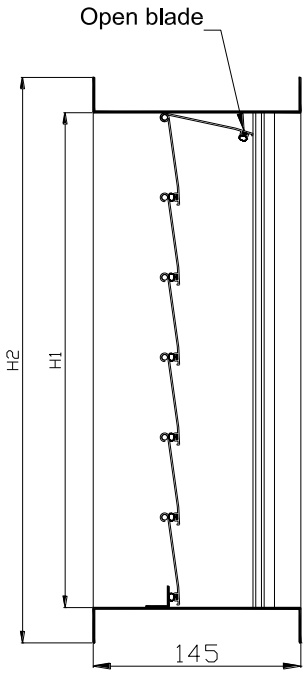
L : Nominal length
D : Nominal diameter (Order diameter)



DG – FRONT VIEW



DG – SIDE VIEW



DG – SECTION

L_1 : Nominal length – horizontal dimension of duct
H_1 : Nominal height – vertical dimension of duct
L_2 : Overall length $L_2 = L_1 + 50mm$
H_2 : Overall height $H_2 = H_1 + 50mm$