



**DAA**

Air Damper

## Description

The DAA type air dampers are designed for regulating air flow in rectangular ducts.

## Properties

DAA type dampers are used in rectangular ducts. The blades are placed with a pitch of 100 mm and are aerodynamically shaped for little resistance. The blades have rubber gaskets on the edges for less leakage. The blades have opposed motions, being connected to each other by plastic gears. The damper body is self-flanged and contains the bracket for either the manual adjusting arm or a servomotor. The manual adjusting arm has blade position indicator scale. The damper can also be manufactured with parallel operated blades.

## Materials

The body is manufactured from 1.2 mm thick galvanized steel sheets. The blades are made from ETIAL-60 norm aluminium profiles. The gears are from wear-resistant plastic, and the gaskets are made of rubber.

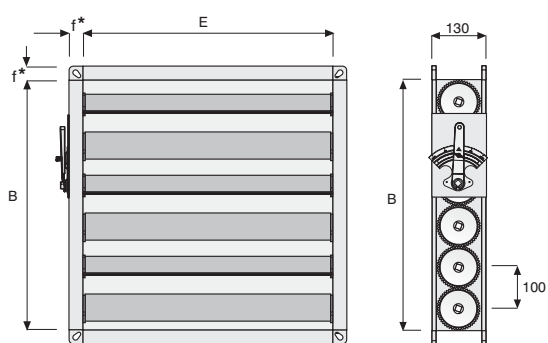
## Accessories

### Servomotor

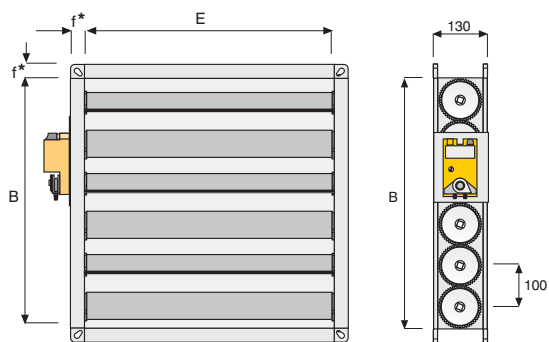
BELIMO maintenance-free servomotors are optionally installed on the damper bodies.

## Dimensions

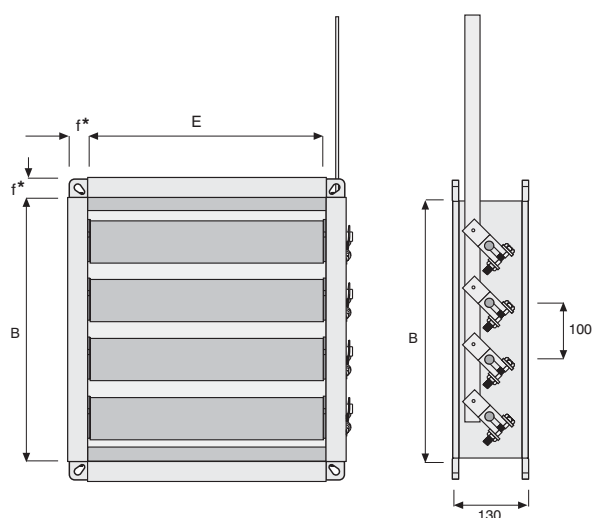
### Geared Mechanism (manual)



### Geared Mechanism (Servomotor)



### Parallel Blades



### Standard Dimensions

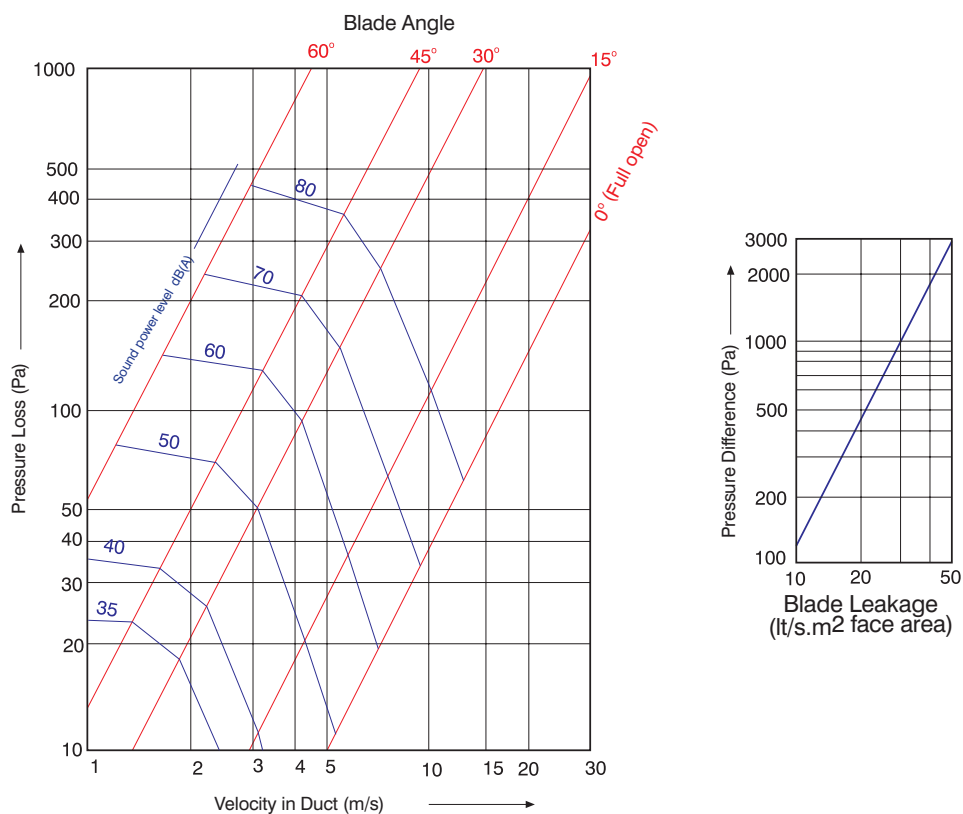
E (mm)	B (mm)
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000

### Flange

f (mm)
30
35

\* In cases when E or B exceeds 1000 mm, 35 mm flange is used.

## Technical Data



Specification Text

Rectangular duct type air damper. The body will be manufactured from galvanized steel sheets, and the blades from ETIAL-60 norm aluminium profiles. Adjustments will be made by a control arm, fixed on the damper body and having a blade positioning scale; or, optionally, with a servomotor. The blades will be aerodynamically shaped, have rubber gaskets on the edges and rotate in opposite

directions with each other. The blades will be interconnected by a series of wear-resistant plastic gears positioned with 100 mm pitch. The damper body will have flanges on the body, compatible with 30 and 35 mm standard duct flanges.

Order Code

Model	DAA.30.AA.00-300 x 300	
Flange	30 mm 35 mm	E x B (mm) Refer to page 3
Accessories	AZ ..Manual, opposed blade damper AP ..Manual, parallel blade damper MZ..With servomotor, opposed blade damper MP .With servomotor, parallel blade damper	Standard Dimensions

**D**

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