

## Louver damper, Type ND-J



**Louver damper, Type ND-J ,  
airtight design, for shutting off  
airducts**

**General**

Housing and shaft transition in gastight design, lamellas in airtight design. The damper is designed to operate without any failure at an operating pressure of 1.1 time the admissible operating pressure.

**Design**

- Housing made from stainless steel, 2 mm thick, with encapsulation of the frame profile
- Warp-resistant hollow body lamellas made of aluminium, 150 mm
- Lamellas equipped with changeable silicon rubber profile
- Counterrotating lamellas by means of outside positioned rod. Rod made of stainless steel
- Electrical-, pneumatic-, and manual actuator available. Unless otherwise agreed the dampers will be delivered assembled with actuator. Dampers with electrical actuator have to be connected according installation instruction of the electrical actuator. Limit switches are adjusted in factory, but have to be connected electrically for operation. Dampers with pneumatic actuator have to be connected to the compressed air supply (quality, quantity, pressure etc.) according installation instruction of the pneumatic actuator
- Maintenance-free operation
- As all synthetic materials also the silicone seal of the damper is subject to senescence. This is decisive influenced by surrounding conditions and cannot be forecasted in any way.



Louver damper, Type ND-J, lamellas closed



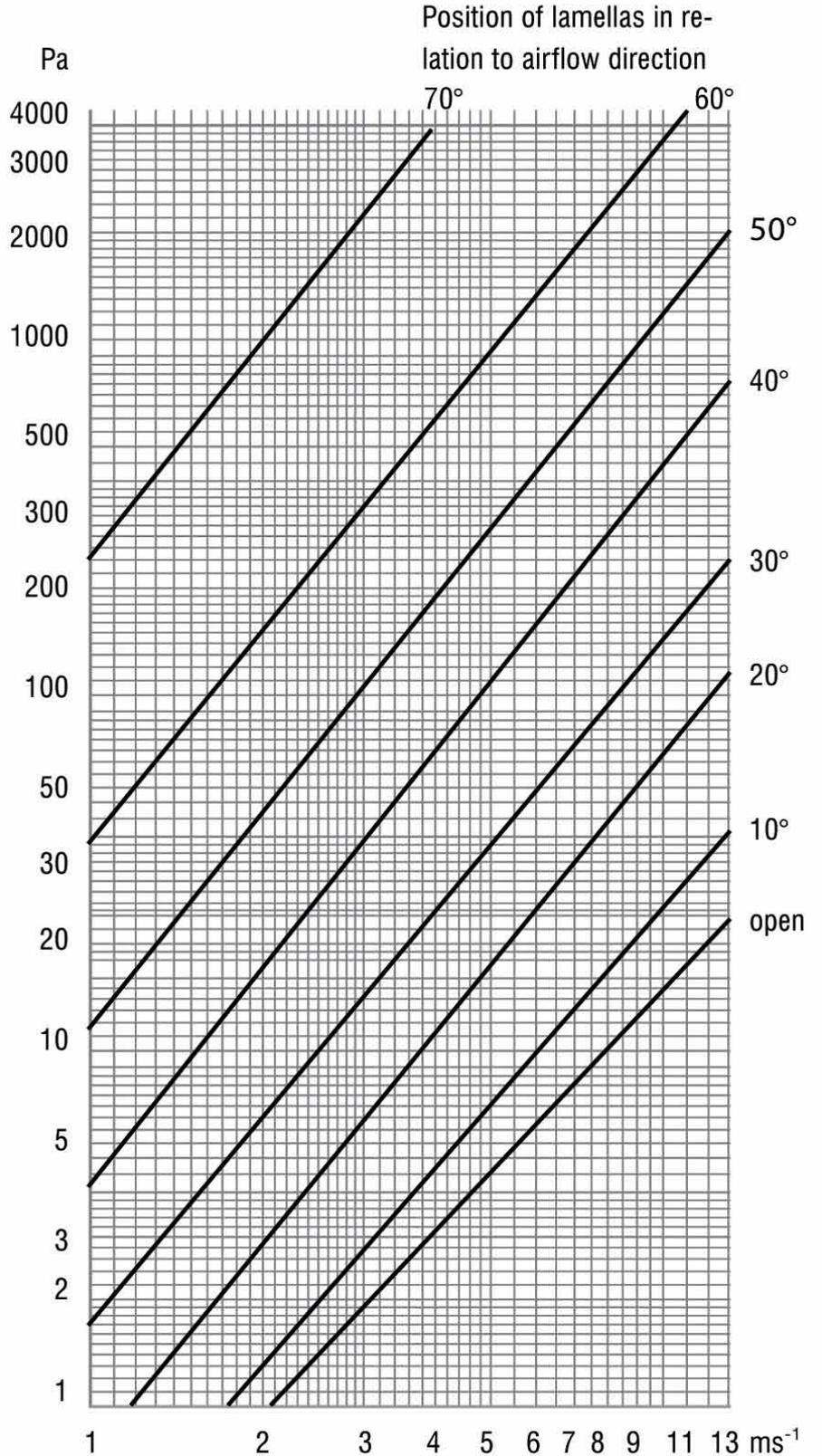
Louver damper, Type ND-J, lamellas 30° closed



Louver damper, Type ND-J, gastight design in housing and shaft transition, for shutting off airducts



Diagram of pressure loss,  
Louver damper, type ND-J

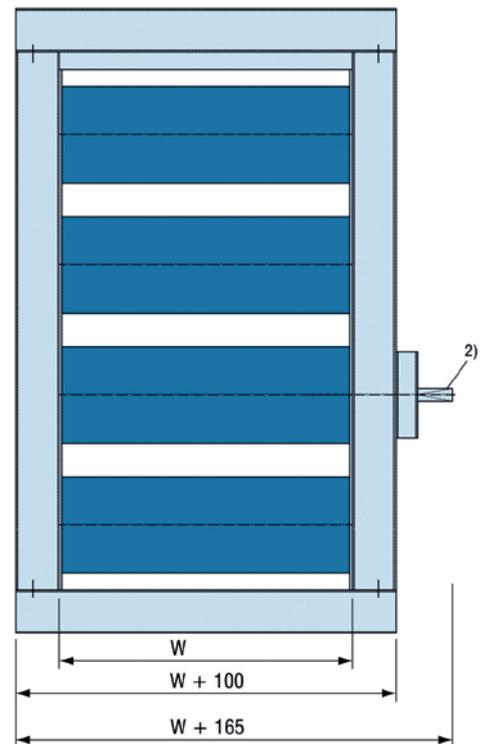
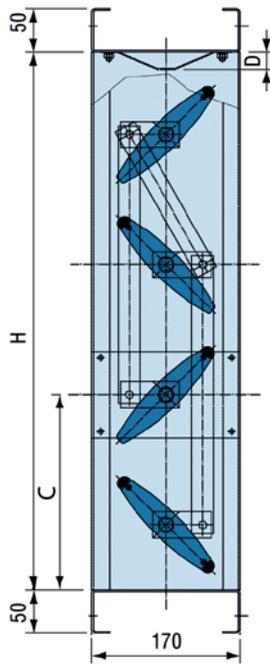


Dimensions and weights

W <sup>1)</sup>	H <sup>1)</sup>	C
mm	mm	mm
400	150	75
500	300	225
600	450	225
700	600	225
800	750	375
900	900	375
1 000	1 050	525
1 200	1 200	525
1 400	1 350	675
1 600	1 500	675
1 800	1 650	825
2 000	1 800	825
-	1 950	975

1) All combinations of W and H-Dimensions possible, other dimensions also possible

2) Electrical, pneumatic or manual actuator



**Technical data**

Fabricate:	Krantz
Type:	ND-J
Nominal dimensions (W/H):	see drawing and table
Dimensions:	see drawing and table
Design temperature:	90 °C
Adm. leakage rate damper housing acc. DIN 25496:	leakage air flow < 10 l / ( h · m <sup>2</sup> ) at 20 °C and $\Delta p = 2\,000\text{ Pa}$
Adm. leakage rate damper blades (lamellas):	class 4 acc. to DIN EN 1751

**Note:**

The leakage rates of DIN 1946-4 are withdrawn in favor of DIN EN 1751.

The leakage rates class 4 are stricter compared with the leakage rates of DIN 1946-4.

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The logo for Krantz GmbH, featuring the word "Krantz" in a stylized, blue, cursive script font.