Text for tender

Louver Damper, Type ND-J

Housing and shaft transition in gastight design, lamellas in airtight design

General

* 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 forcasted in any way.

 **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 · m2)
at 20 °C and p = 2 000 Pa
* Adm. leakage rate damper blades (lamellas): class 4 acc. to DIN EN 1751

Note: The leakage rates of DIN 1946-4 are withdrawed in favor of DIN EN 1751. The leakage rates class 4 are stricter compared with the leakage rates of DIN 1946-4.

Subject to technical alterations.

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