Text for tender

Pressure surge damper, Type RK-F10

* For protection of rooms, equipments and air ducts against shock waves
* The pressure wave can reach in about 100 milliseconds a positive pressure of approx.
0.45 bar and their duration will take about 1 s
* Pressure surge damper of sturdy design, dimensioned for shock waves up to 0.5 bar. The function remains unreduced after a shock wave

Function

* The requested closing pressure can be set at a spring pull. The initial tension of the spring pull is to be selected thus that the blades are always open during normal operation as well as in case of high wind pressures or duct pressure fluctuations
* During normal operation the pressure surge damper is open. In open condition the pressure surge damper corresponds with regard to appearance and functioning to a weather and rain protection equipment
* In the event of a shock wave the pressure surge damper closes suddenly. At pressure drop the blades automatically jump back into the position „open“
* The pressure surge damper requires no accessory energy

Design

* Damper housing with connection frame on both sides
* Built-in inclined blades with axis and bearings
* Damper rods on both sides with spring tensioning appliance
* Housing, blades and damper rods made of special steel 1.4571

Technical data

* Fabrikate: Krantz
* Type: RK-F10
* Pressure blast: 0.45 bar
* Admissible working temperature: 100 °C
* Dimensions W/H: see table

Subject to technical alterations!

**Krantz GmbH**

Uersfeld 24, 52072 Aachen, Germany

Phone: +49 241 434-1

Fax: +49 241 434-500

info.filter@krantz.de | www.krantz.de