Pressure Relief Dampers, Type KL-E and Type KL-EM for high opening pressures

Text for tender

Pressure Relief Damper, Type KL-E

Automatic, dead-weight pressure relief dampers made of galvanized sheet steel1) with two damper blades provided with asymmetrical non-positive connection and horizontal damper hinge.

Features

* Airtight according to DIN 1946-4 in closed position
* Opens when opening pressure set is attained
* Almost equal differential pressure independent of range of volume flow (control function)
* Closes automatically when opening pressure is underrated
* Setting of opening pressure by variation of lever arm

Technical data

* Fabricate: Krantz
* Type: KL-E
* Dimensions W x H x D: 797 x 497 x 620 mm
* Weight: 36 kg
* Range of volume flow2): 0 – 17 000 m3/h
* Opening pressure, adjustable: 600 – 2 500 Pa
* Opening pressure, factory set:...................... Pa

1) Different material on request
2) Higher range of volume flow achievable by parallel connection of several dampers

Pressure Relief Damper, Type KL-EM

Automatic, dead-weight Pressure Relief Damper made of galvanized sheet1) steel with single damper blade on horizontal bearing.

Features

* Airtight according to DIN 1946-4 in closed position
* Opens fully when opening pressure set is attained (switching function)
* Closes automatically upon interruption of flow
* Setting of opening pressure by variation of lever arm
* Closing of damper after exceeding of opening pressure by hand

Technical data

* Fabrikate: Krantz
* Type: KL-EM
* Dimensions W x H x D: 630 x 400 x 510 mm
* Weight: 23 kg
* Range of volume flow2): V.min  = 5 000 m3/h, V.max. = 450 √Öffnungsdruck [Pa] m3/h
* Opening pressure, adjustable: 700 – 2 400 Pa
* Opening pressure chosen, factory set: ...................... Pa

Subject to technical alterations!

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