

HEAVY DUTY DAMPER

KHDC 1 and KHDC 2

Konvekta Ltd have designed and manufactured a wide range of ventilation products to fulfil all air control requirements. The Konvekta products can be adapted to suit many different applications or tailored to meet specific requirements, providing complete air control solutions



Type KHDC 1

The Dampers can be manufactured from mild steel or stainless steel to provide complete protection in most atmospheres

Konvekta Ltd has the technology and expertise to produce products that continually excel on design and application quality



Type KHDC 2

Quality – Investment – Innovation

KONVEKTA

AIR CONTROL EQUIPMENT

KHDC

HEAVY DUTY DAMPER

KHDC 1 and KHDC 2

Konvekta has the capability to manufacture customized products:



Photograph shows the KDHC Twin

ORDERING

KHDC-1

Damper type

150

Size

M

Control Applications

M = Manual
E = Electrically Actuated
P = Pneumatic

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We reserve the right to make specification changes without prior notice or obligation

Revision: 01/2010

HEAVY DUTY DAMPER**KHDC 1**

The KHDC heavy duty circular isolation damper provides superb performance in high pressure and high temperature isolation applications

Size Range:

- 150mm to 700mm Dia.

Blades:

- 6mm thick blades reducing dirt and dust build up

Casing:

- 2mm thick casings to provide structural strength and rigid protection in corrosive atmospheres

Ease of Maintenance:

- Single blade dampers, one shaft, only two wear points complete with self lubricating bushes, provides almost maintenance free dampers

Finishes:

- Optional polished finish or polyester powder coating to any RAL specification

Flanges:

- Minimum 5mm thick, drilled flanges as standard

Ease of Installation:

- Only matching the flanges is required on installation

Motorization:

- All dampers can be controlled via pneumatic/electric actuators or manually

Seals:

- Seals typically manufactured from FDA approved silicone/nitrite. Options to specify raw material of seal

Steel Specifications:

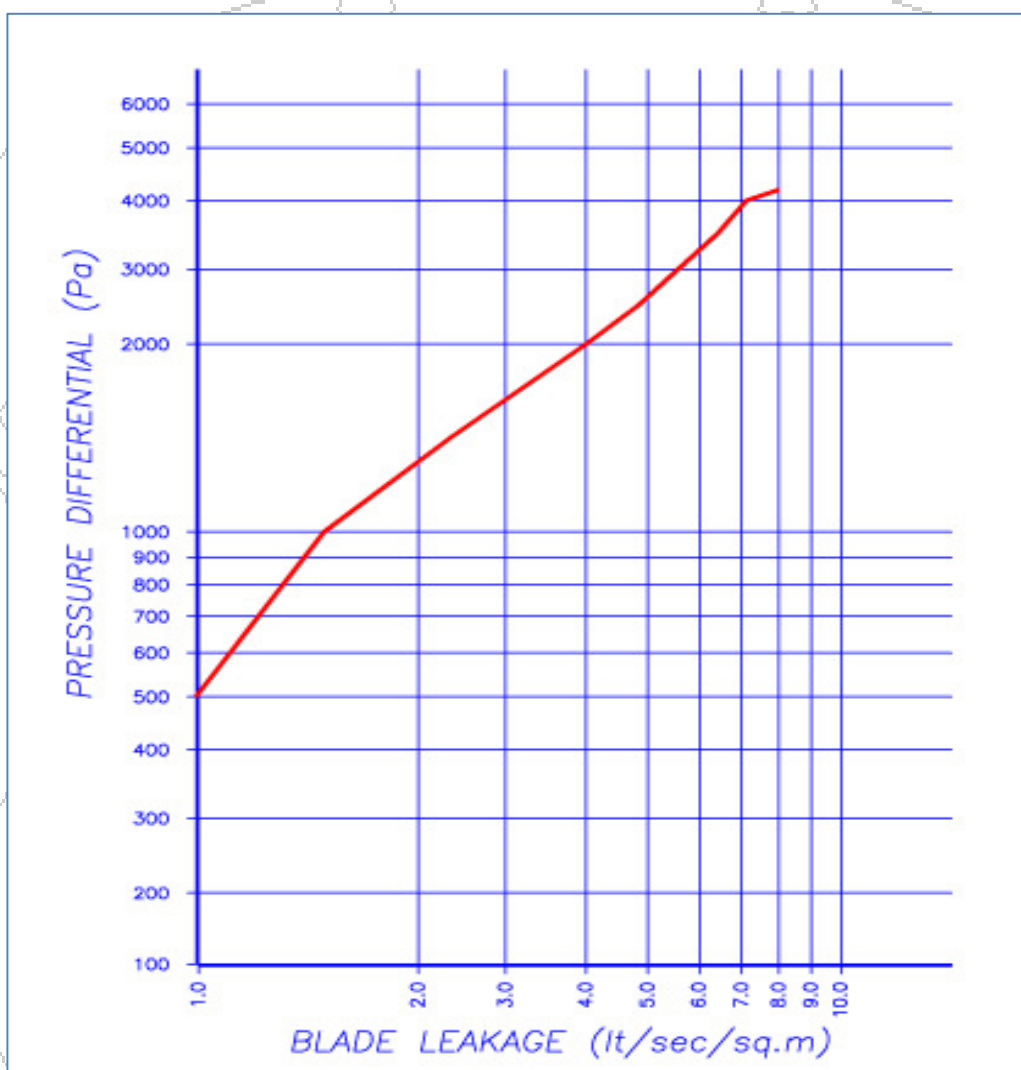
- Dampers are available in mild steel, grade 316 or grade 304 stainless steel

Quality – Investment – Innovation

HEAVY DUTY DAMPER

KHDC 1

Graph of air leakage vs. pressure differential through closed blades



Air leakage through shafts: Damper shaft seals gas tight to 2000pa

HEAVY DUTY DAMPER**KHDC 2**

KHDC 2 incorporates an elliptical blade design, which achieves a positive shut off without the need for stops. This unique design means that the casing is free from any obstacle which would hinder the wash down process. Ideal for pharmaceutical applications

Size Range:

- 150mm to 700mm Dia.

Blades:

- 6mm thick multi-lamina elliptical blade assembly. Complete with an FDA seal

Casing:

- 2mm thick casings to provide structural strength and rigid protection in corrosive atmospheres

Ease of Maintenance:

- Options without blade stops, meaning reduce build up of product in the damper, providing easy cleaning. Single blade dampers, one shaft, two wear points and self lubricating bushes, provides almost maintenance free dampers.

Finishes:

- Optional polished finish

Flanges:

- Minimum 5mm thick , drilled flanges as standard

Ease of Installation:

- Only matching the flanges is required on installation

Motorization:

- All dampers can be controlled via pneumatic/electric actuators or manually

Seals:

- Seals typically manufactured from FDA approved silicone/nitrite. Options to specify raw material of seals

Steel Specification:

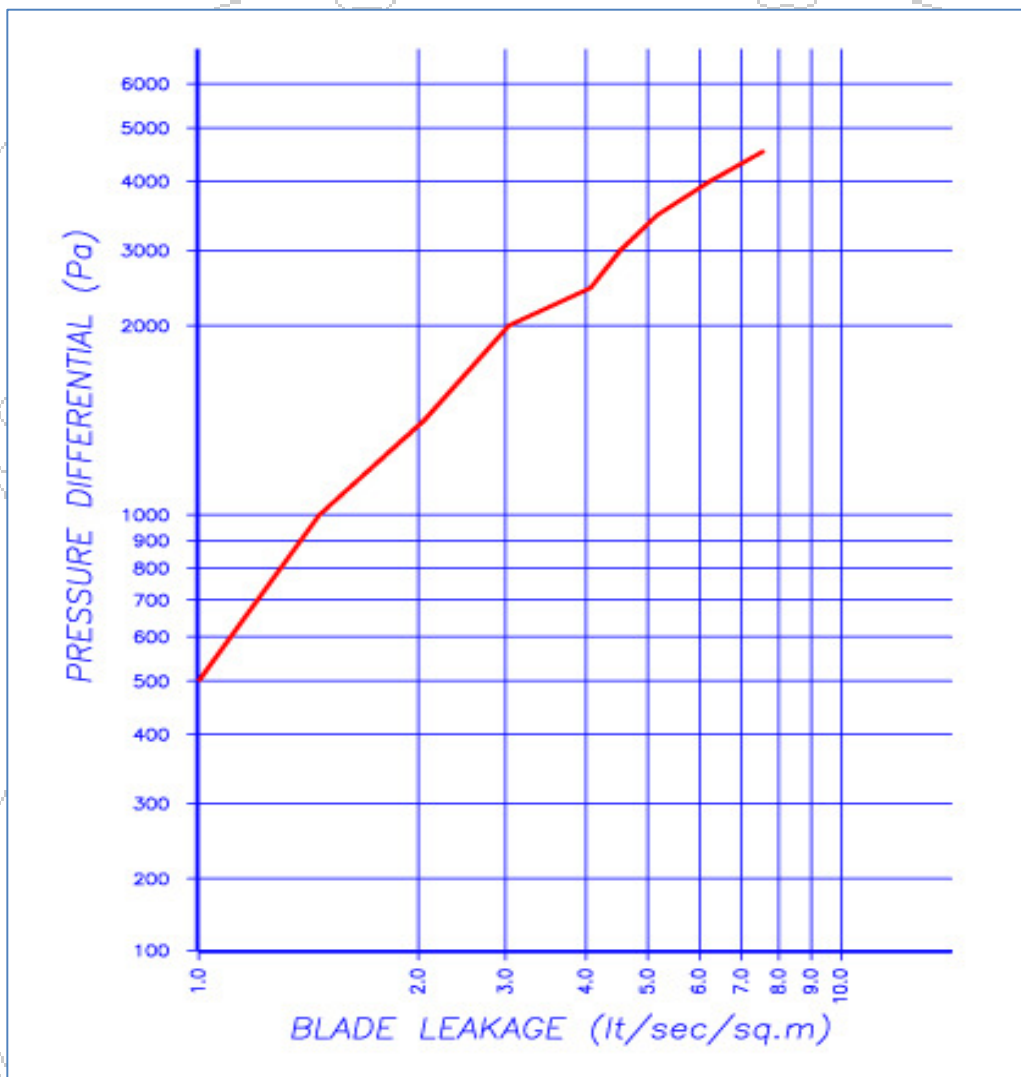
- 2mm thick mild steel, grade 316 or grade 304 stainless steel

Quality – Investment – Innovation

HEAVY DUTY DAMPER

KHDC 2

Graph of air leakage vs. pressure differential through closed blades



Air leakage through shafts: Damper shaft seals gas tight to 2000pa