



## DESCRIPTION

S450 is our traditional disc damper with 100% geometrical tightness.

The damper disc is fully lifted from the gas stream in open position and it is therefore suitable for operation in gases with high dust content.

## RANGE OF APPLICATION

For flue gases with high dust content and process gases.

Max. temperature: 500° C  
Max. design pressure: +/- 0,5 bar (g)  
Size: Up to 2000 mm



## TECHNICAL INFORMATION

The damper disc is slightly cupped and hinged in the center, which results in an evenly spread force against the damper seat when closed.

The disc damper can be manufactured with circular or rectangular connection, with flanges or with welding ends.

The dampers can be equipped with hand gear, electric actuator or pneumatic cylinder.

Mechanical blocking of the damper disc and inspection hatch are available as options.

The damper is designed in our 3D CAD software, where files for laser cutting is generated automatically and used to cut all parts.

As an option, please see our new **S400** which is a hybrid between a disc damper and butterfly valve.

S400 have shorter mounting length and less than half the weight



## BENEFITS

Series 450 has a free duct area when in open position.

Very high level of tightness.

## REFERENCE PHOTOS



DN 1400 for paper industry