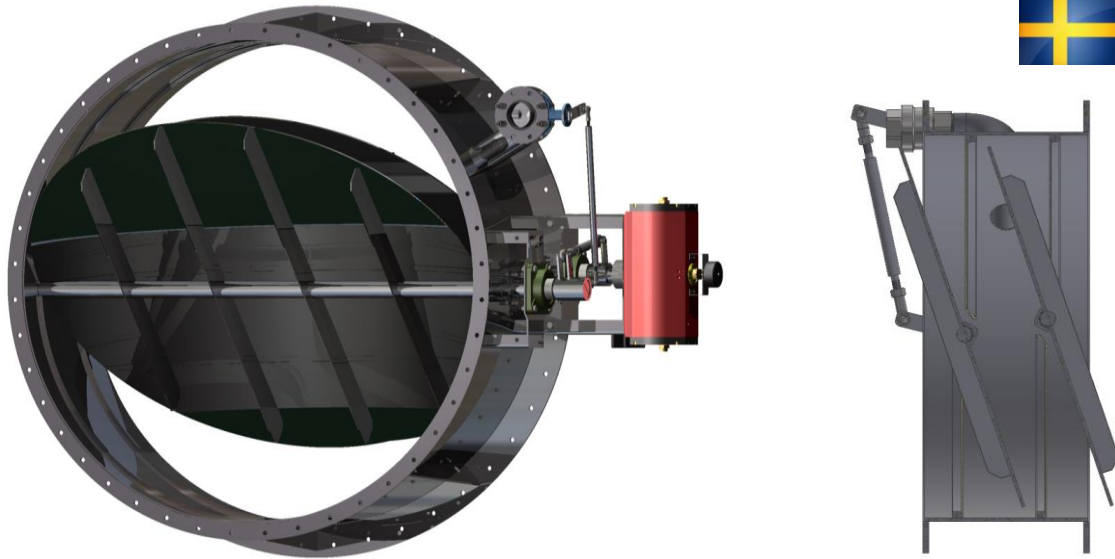


Air sealing Damper – Type D / DT

Swedspjäll

Made in Sweden



DESCRIPTION

The air sealing dampers is 100% tight with air sealing barrier.

Serie 150/200-D consist of two separate damper, built together in one house with giving a high security (see the function as two separated dampers)

Serie 150/200-DT is a “sandwich” design i.e. two damper blades with one shaft giving a max. strength with a low weight and short mounting length.

RANGE OF APPLICATION

For air, hot air and flue gases.

Max. temperature: 1100° C

Max. design pressure: 0,5 bar (g)

TECHNICAL INFORMATION

The systems works by fan creating a pressure between the two blades. This means that no aggressive gases can pass through the damper, since the air sealing pressure is higher than the gas pressure.

The dampers are built either as Serie 150 or Serie 200 depending on the application.

For more information regarding construction, see the separate datasheets for each series.

Serie 150/200-DT has been developed in a co-operation with H. Bjarnehed (Phd in mechanics of materials). The produced computation module is based on a FEN-analysis as well as practical tests - providing us a unique possibility to calculate both the flexure of the shaft and the tension in the critical areas.

BENEFITS

The air sealing system give the possibility to worker downstream of the damper.

The system can also been used as a barriers for aggressive gases to condensate and give series corrossions problems in the duct and at components in the systems.

Air sealing Damper – Type D / DT



Serie 150/200-D



Serie150/200-DT

