

# Rectangular multi-blade damper **DSQW**



## Description

The DSQW rectangular multi-blade dampers can be used to control and isolate air flow in rectangular ductwork. The dampers can be installed in ventilation ducts, as wall-mounted air flow regulators, or AHU air flow regulating.

All dampers have a housing made of 4 galvanized steel sheet profiles framed with PQ angles, and a closure consisting of galvanized steel sheet blades. The blade height is the same for all product sizes.

DSQW damper valves can be controlled by a manual mechanism or, after removing the handle, adapted for an actuator. The damper mechanism is installed on the inside surface of the housing. The damper blade rotation mechanism features short shafts, gears and installed on bearings.

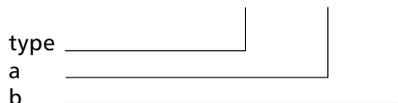
**Operating temperature:** -20°C to +80°C.

### Available materials - Product code examples

- DSQW-...-... - steel housing, galvanized steel sheet blades, mechanism: internally mounting
- DSQW-C-...-... - steel housing, galvanized steel sheet blades, mechanism: internal mounting, airtightness class C according to EN 1751:2014-03
- DSQW-K-... - 1.4301/304 stainless steel sheet
- DSQW-K-...-316L - 1.4404/316L stainless steel sheet

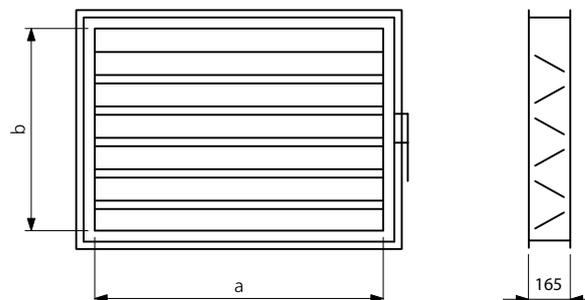
### Product code example

Product code: **DSQW - 600 - 300**



## Dimensions

DSQW and DSQW-C



<i>a</i> [mm]	<i>b</i> [mm]
200-1400	200-2000

If B is between 1000 and 2000 and A ≥ 1000, two separate hand-operated damper mechanisms are provided.

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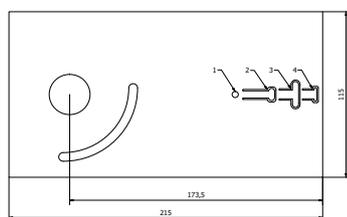
## DSQW



The DSQW-C version is a special design of the damper that ensures airtightness class C (housing) according to EN 1751:2014-03 standard. The frame is additionally sealed and the bearing mechanisms are sealed with plugs.

### Actuator stand

As standard, when you remove the handle, you get an access to an actuator mounting plate:



Matching actuators for DSQW:

Alnor DM-LM-06

Alnor DM-LM-08

Belimo CM

Belimo NM



### *For the layman*

A multi-blade damper is used to adjust an airflow to a required volume. It can be fitted onto a ventilation duct or inside a wall. Can be controlled manually with a built-in handle or a special wrench. Latest upgrade includes an actuator mounting plate, accessible after disassembling the handle.