

Rectangular multi-blade damper **DSQW-A**



Description

The DSQW-A rectangular multi-blade aluminium 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 and shutoff units.

All dampers have a housing made of 4 aluminium profiles and a closure consisting of aluminium blades. The blade height is the same for all product sizes.

The blades are fitted with gaskets to provide air tightness class 2 as per EN 1751:2003.



The DSQW-A damper can have a hand-operated damper mechanism QDMPS-AL, an externally-mounted actuator, or an actuator mounting.

The damper mechanism is installed on the outer surface of the housing. The damper blade rotation mechanism features short and long shafts rotating by intermeshed gears installed on bearings. The gears are installed on the outer surface of the housing.

If B is between 1000 and 2000 and $A \geq 1000$, two separate hand-operated damper mechanisms are provided. The versions with vertical partitions are available for $A \geq 1400$.

Operating temperature: -20°C to +80°C

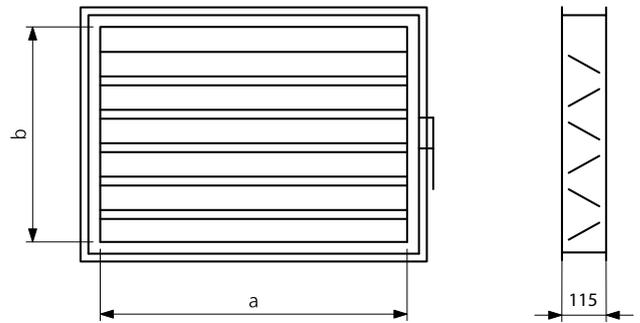
Available materials - Product code examples
DSQW-...-... - aluminium housing, press-formed aluminium blades, 6063-T5 alloy, no surface finish

Product code example

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

type _____
a _____
b _____

Dimensions



a [mm]	b [mm]
200-3000	200-3000

Note:

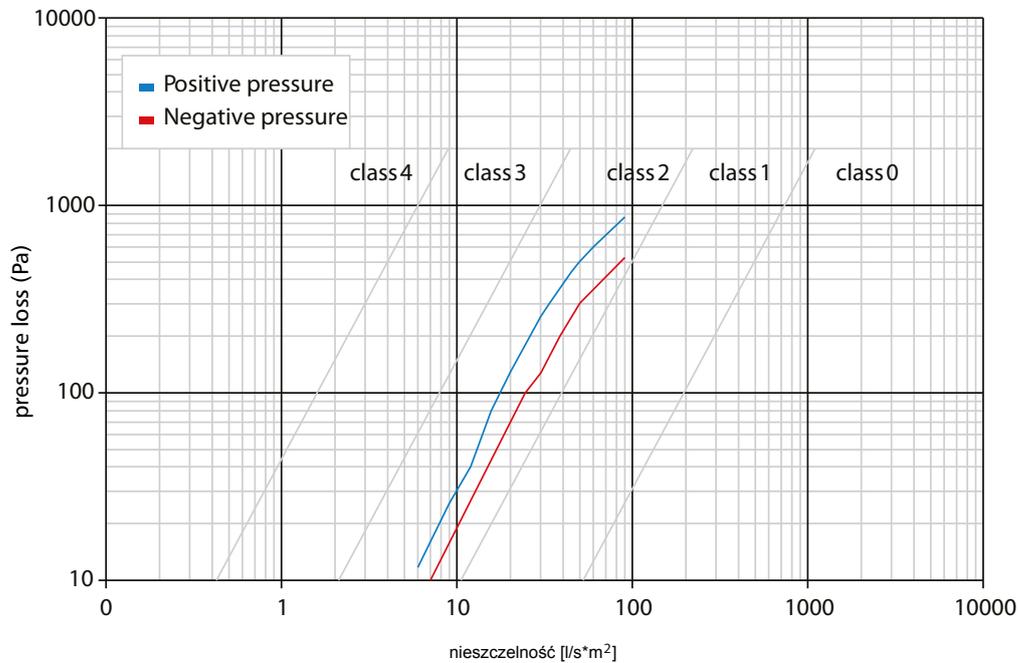
It is recommended that the b dimension size should be chosen as a multiple of 100 mm. Otherwise, DSQW-A will not meet air tightness class 2.

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Technical specifications

Air tightness chart according to EN 1751:2003



Pressure loss chart

