MADE IN BRITAIN

V12607

SS Series
SlimSeal Regulating Damper

BSB
ENGINEERING A SAFER TOMORROW MAICO

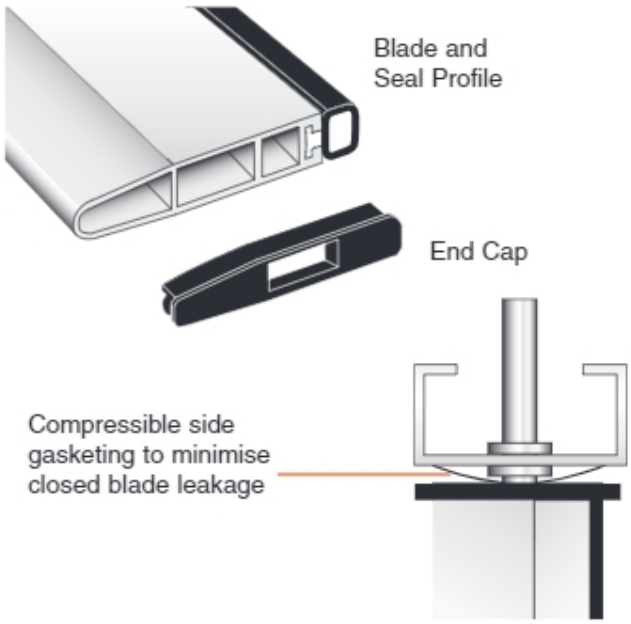
MANUFACTURERS OF AIR, FIRE & SMOKE CONTROL PRODUCTS

SS Series
SlimSeal Regulating Damper

Information
The SS Series Control and Low Leakage Damper has been designed for installation into air conditioning and ventilation systems where air balancing and low closed blade leakage characteristics are called for in standard low to medium pressure and velocity systems.

Its construction is robust, with detail to its application, performance and size as required by specifiers and contractors considered during development.

The selection of components and materials has been specific so as to ensure a high-quality, low-maintenance product is manufactured and supplied.



1.2mm (18swg) galvanised mild steel to BS EN 1034 DX 51D Z275.

Blade
Extruded airfoil aluminium to BS EN 755 Part 9 6063 T6, wall thickness 1.0mm (20swg) minimum.

Blade End Caps
Injection moulded black polypropylene to BSB's recorded design.

Blade Spindles
12.5mm (1/2") diameter die-cast Mazak alloy to BS 1004 Alloy A DIN 1743, 2400 or engineering quality thermoplastic nylon dependant on availability, with a 6mm diameter steel linkage pin pressed in for the linkage bar to connect to.

Drive Spindles
12.5mm (1/2") diameter die-cast Zinc alloy to BS 1004 Alloy A DIN 1743, 2400 or IXEF semi-crystalline polymer polyarylamide dependant on availability.

Blade Spindle Bushes
Injection moulded Nylon 66 "Top Hat" design, melting point 220°C.

Blade Seals
Manufactured from Thermo Plastic Elastomer (TPE).

Quadrant
1.2mm (18swg) galvanised mild steel chassis with integral rotation slot and blade position indication. 20mm × 2.5mm (3/4" × 1/8") zinc plated mild steel handle with integral clamp and locking nut to BS EN 10142 1991. Coating Class Fe P02b Z275Na.

Drive Bar
22mm × 1.6mm galvanised mild steel flat bar punched to fit onto zinc plated drive pins.

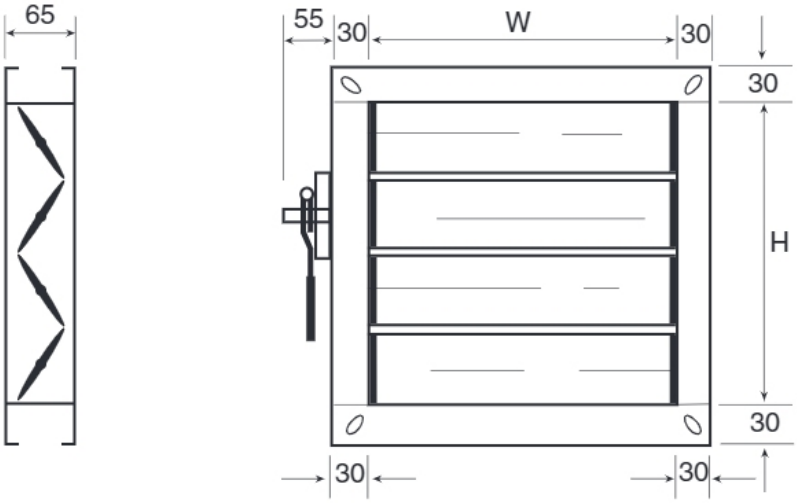
Rivets
High-quality self-sealed rivets are used to European standards as relevant.

Sealant
All joints and seams are sealed with sealant conforming to dictates of DW144.

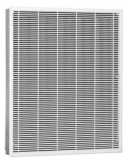
Paint
Aluminium primer is applied to all welds and ground surfaces.

Operating Temperature
-10°C to +70°C

SS Series
SlimSeal Regulating Damper - Dimensions



Other Air, Fire and Smoke Control Products in the BSB Range:



LD and LDN Series
Lobby Dampers

FD Series
Fire Dampers

FD-C Series
Circular Fire Dampers

FSD-C Series
Circular Dampers

FSD-TD Series
Fire/Smoke Dampers

BD Series
Backdraught Dampers

HD Series
Heavy Duty Dampers

SS Series
SlimSeal Dampers

A60 Series
Marine Fire Damper

Control Systems

For full details of the complete BSB Product Range, please refer to our individual product brochures, sales office or website.

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For pricing, technical and general enquiries, please email: enquiries@bsb-dampers.co.uk

Website: www.bsb-dampers.co.uk · A member of the Maico group

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Assessed to ISO 9001:2015
Cert. No. 1464