

SB Series



Single Blade Volume Control/Regulating Dampers

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The SB Series

The SB Series Volume Control/Regulating Damper has been designed for balancing the airflow in H&V systems where an economical solution is required. The single blade is adjustable through a nominal 90° angle by means of a locking quadrant, extended spindle or suitable actuator. Complies with HVCA specification DW144.

Slip joint connection to the swaged profiled outer case each end allows a simple good fit into ductwork.

Control Methods

Locking Quadrant: Allows the damper to be set during commissioning and with its bright orange moulded handle allows the installed damper to be quickly located.

Extended Spindle Control: For operation by a suitable actuator.

Electric Actuator: Factory fitted as specified by client.

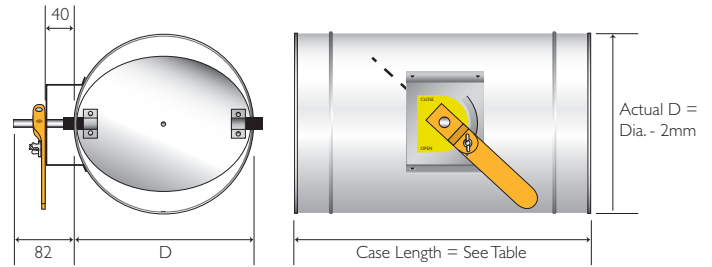
Model Range

Model Ref	Diameter	Case Length	Weight (kg)	Volume (m ³)
SB 100	100	165	0.5	0.002
SB 125	125	165	0.6	0.003
SB 150	150	190	0.8	0.005
SB 160	160	200	0.9	0.006
SB 180	180	220	1.0	0.009
SB 200	200	240	1.2	0.010
SB 224	224	265	1.4	0.016
SB 250	250	290	1.6	0.022
SB 280	280	320	2.0	0.029
SB 300	300	340	2.3	0.036
SB 315	315	355	2.4	0.041

Specifications

- Case:** 0.7mm Zintec coated mild steel
- Blade:** 1.2mm galvanised coated mild steel
- Bushes:** Nylon 66 injection moulded bushes
- Spindles:** 12.5mm diameter die-cast Mazak alloy ZL3 to BS EN 12844 1999
- Label:** Open/Close indication
- Quadrant:** 1.2mm thick galvanised mild steel chassis with integral rotation slot and blade position indication
- Quadrant Handle:** Nylon composite material
- Operating Temperature:** -10°C to +100°C

Dimensions



Ordering Codes

Example:

SB Single Blade Regulating Damper

Diameter

Control Options

- E Extended spindle
- H Hand control
- M Electric motor (state model and voltage)

SB 180 H

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



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



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