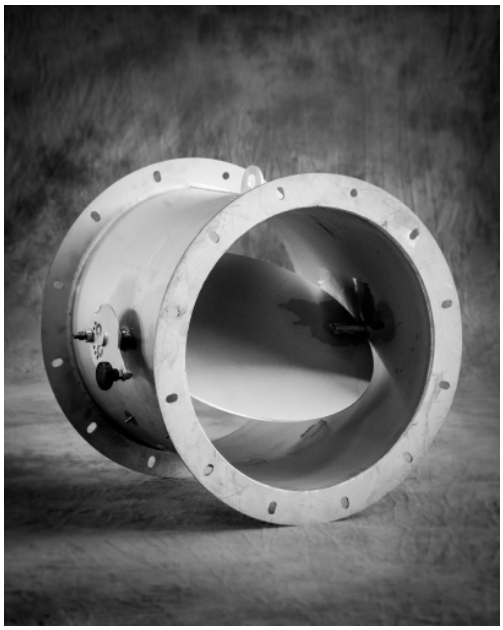
BAAS ® Manual Balancing damper

Manual balancing dampers are used to manually adjust air flow, preferably in ductwork. The damper has aero foil blades on multi bladed dampers, and single blade on circular dampers up to Ø400 mm. Multi bladed dampers have opposed blade action to give even flow across the duct face when in a partially closed position. Manual balancing dampers can be delivered with integrated measuring stations to monitor and control air flow in duct systems.



Circular Manual Balancing Damper.

Application: Manual balancing dampers are used to manually adjust air flow, preferably in ductwork.

Models: MBD = Manual balancing damper

BAAS ® Manual Balancing Dampers can be delivered in various sizes and designed for customers specifications. Manual balancing dampers that exceeds 1300 mm width or height, will be divided by center mullions.

Sizes: Max. size without center mullion: W 1300 x H 1300 mm
Max. size circular dampers: Ø 400 mm
Manual balancing dampers > Ø 400 mm, will be manufactured as an oval damper.

For special requests please contact BAAS Component AS.

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SPECIFICATIONS

Casing: 3 mm stainless steel (AISI 316L) welded on both sides where possible.

Blades: 2x1,5 mm stainless steel (AISI 316L) aerofoil formed or single skin section of 3 mm. The blades are plug welded to the shafts.

Shafts: Ø 20x2 mm seamless cold drawn stainless steel tube or Ø 20 mm bolt (AISI 316L).

Linkages: Opposed action linkage in stainless steel (AISI 316L) 8x30 and 6x30 mm. Washers, split pins and locking screws hold the pivots in position.

Bearings: POM bearings Ø 20 mm in stainless steel lining (AISI 316L).

Options:
- Extended hand operation unit
- Earthing boss.