

0500MAN

Circular Fire Damper

For Rigid Floors

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0500MAN Circular Fire Damper For Rigid Floors

To meet the demand for fire dampers with easy access for testing and maintenance, we are pleased to offer the 0500MAN damper.

This damper has been designed to maintain its integrity in a fire. The sizes available are from minimum 100mm diameter to maximum 315mm diameter.

The damper has been tested to meet the current CPR requirements for CE labelling being tested to BS EN 1366-2 and classified to BS EN 13501-3 as required in the product standard BS EN 15650.

Features and Benefits

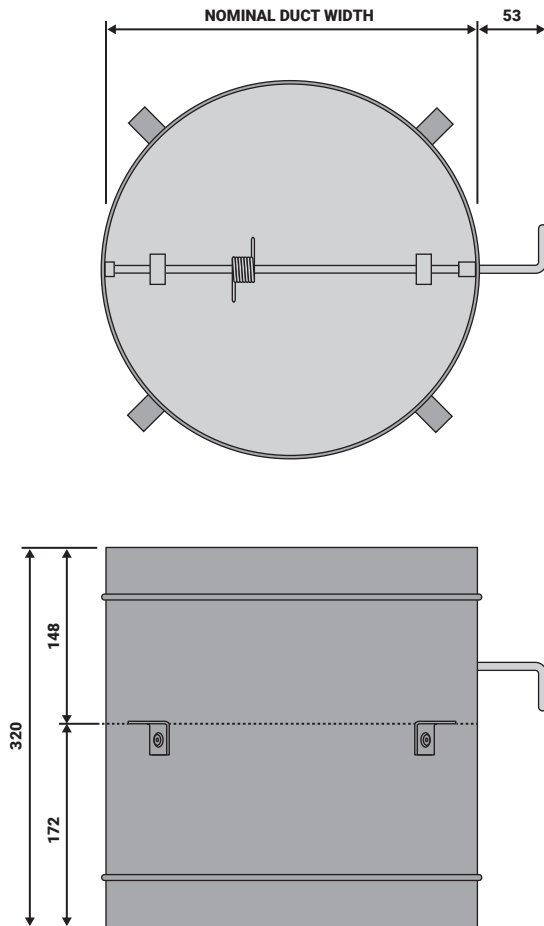
- Aerodynamically Air Control tested to BS EN 1751.
- Thermal fuse replaceable from outside the casing.
- Tested and assessed to BS EN 1366-2.
- External blade position indicator.



TECHNICAL SPECIFICATION

0500MAN Circular Fire Damper

0500MAN Dimensions



Construction

CASING

The casing is manufactured from 0.9mm galvanised mild steel complete with swages at each end.

BLADE

The blades are double-skinned constructed from 1mm galvanised mild steel with a thermal performance material between the skins.

THERMAL FUSE

Externally replaceable thermal fuse is rated at 72°C has been designed with no creep of the solder joint. The thermal fuse is screwed into position through a 12.5mm diameter brass holder. When tightly screwed retains the blade in position set using the handle.

HANDLE

The handle is a 6mm diameter pre-formed galvanised mild steel rod that allows the damper blade to be positioned fully open position or to any set point. The blade position is shown against an open/closed label on the casing.

Duct Sizes

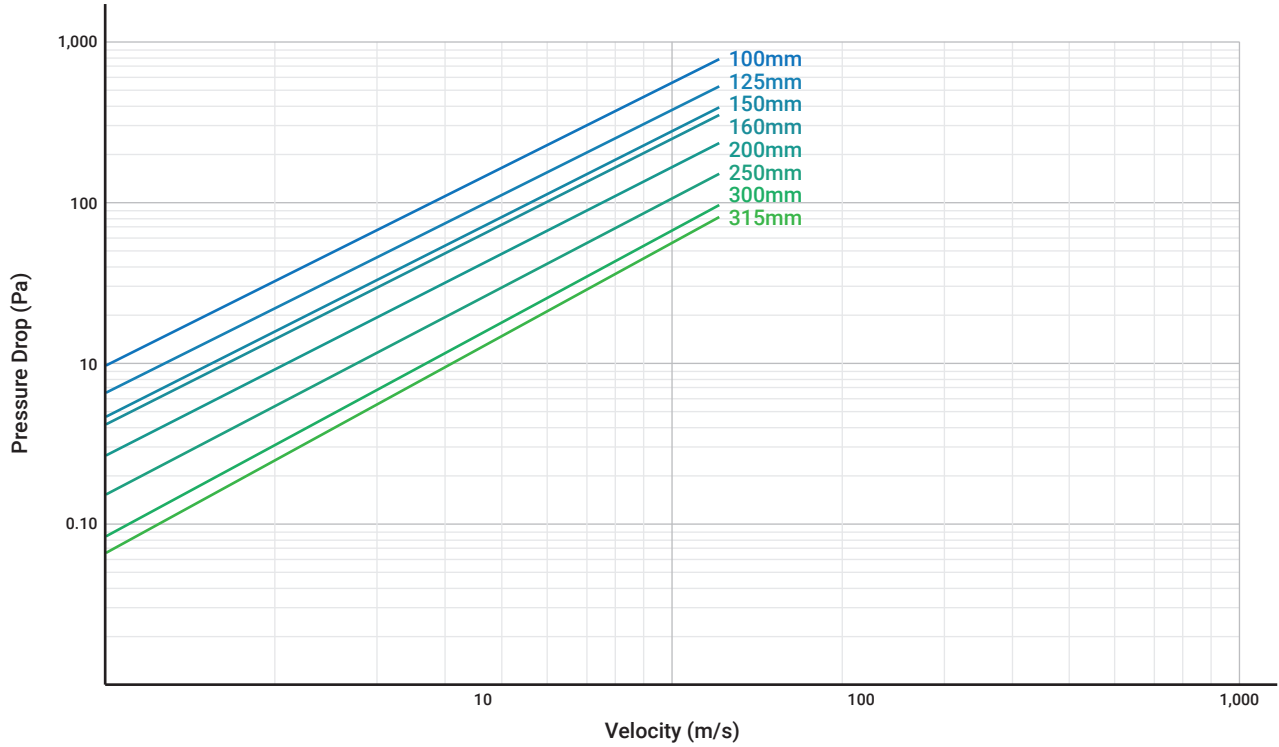
Available in 100mm, 125mm, 150mm, 160mm, 200mm, 250mm, 300mm and 315mm diameters.

Testing And Compliance

Designed to BS EN 15650, classified to BS EN 13501-3. Fusible link operation tested to ISO 10294-4. Damper installations fire tested to BS EN 1366-2. Casing leakage to DW144 class C.

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0500MAN – Pressure Drop



0500MAN – Free Area

	Free Area (m ²)	Free Area (%)
100	0.00583	74
125	0.00985	80
150	0.01484	84
160	0.01712	85
200	0.02778	88
250	0.04465	91
300	0.06544	93
315	0.07244	93

0500MAN – Weight

	Weight (kg)
100	1.5
125	1.8
150	2.2
160	2.4
200	3.0
250	4.0
300	5.0
315	6.3