

MODEL

GF



GOGGLE DAMPER

The goggle damper consists of a specially designed valve which is used when there is a need to isolate an area of piping to allow people to gain access, without air sealing and in environments with high concentrations of dust. Once the gate is closed, it is then pushed by hydraulic jacks to press it against the closure, thus ensuring air tightness.

The ORBINOX standard goggle damper model is designed for operation at pressures of up to 500 mbar, with recommended speeds of below 30 m/s and temperatures of up to 200°C.

When the goggle is completely open, the conduit is completely clear and therefore there are hardly any load losses. This damper cannot be used for regulation purposes.

STANDARD GOGGLE DAMPER (GF)

Description

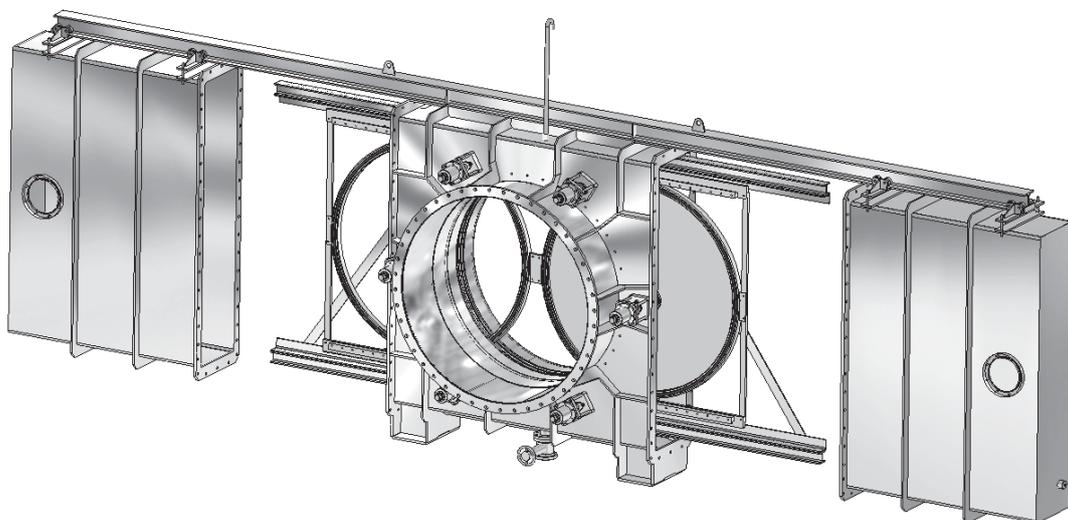
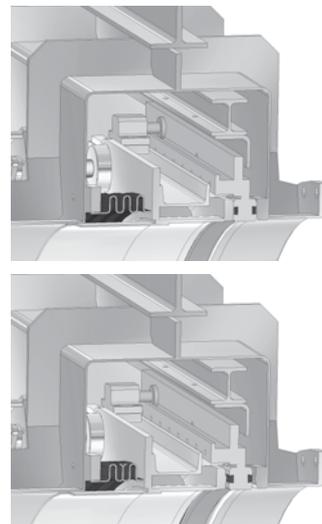
The goggle damper is made up of a gate which slides along metal guides, closing the conduit completely. The ends are joined to the conduits by means of flanges. The damper is normally supplied as a single part, except for applications in which the dimensions of the unit require special transport.

Construction

The body of the goggle damper is a fabricated construction which can be made of different materials. Standard construction supplies include diameters ranging from 500 mm (minimum) to 2400 mm although, on request, larger sizes can be constructed.

Seating options

Closure is achieved by pressing the gate with hydraulic jacks against a soft seat, thus achieving the high level of air tightness necessary for maintenance and repair tasks.

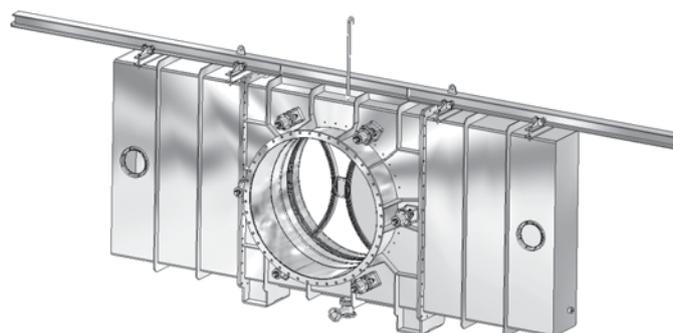
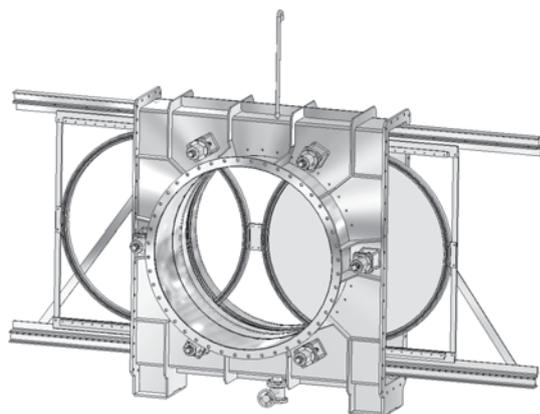
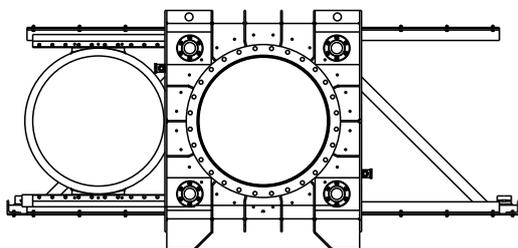


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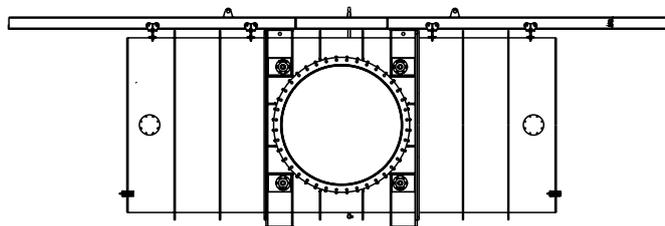

ORBINOX

VALVE SOLUTIONS IN MORE THAN 70 COUNTRIES
Bonnet

Goggle dampers may be supplied with or without bonnet. For dampers with bonnet, a railed beam is supplied to facilitate assembly and disassembly.

**APPROXIMATE DIMENSIONS**

Without bonnet



With bonnet

| DN | A | WITHOUT BONNET | | WITH BONNET | |
|------|------|----------------|------|-------------|------|
| | | B | C | B | C |
| 500 | 650 | 2850 | 1250 | 3900 | 1600 |
| 600 | 700 | 3150 | 1350 | 4410 | 1700 |
| 700 | 700 | 3450 | 1450 | 4920 | 1800 |
| 800 | 800 | 3950 | 1550 | 5630 | 1900 |
| 900 | 800 | 4250 | 1650 | 6140 | 2000 |
| 1000 | 800 | 4550 | 1750 | 6650 | 2150 |
| 1200 | 900 | 5180 | 1950 | 7700 | 2350 |
| 1400 | 1000 | 6010 | 2180 | 8950 | 2580 |
| 1600 | 1000 | 6310 | 2380 | 9670 | 2780 |
| 1800 | 1000 | 6610 | 2580 | 10390 | 2980 |
| 2000 | 1000 | 7230 | 2780 | 11430 | 3180 |
| 2200 | 1000 | 8630 | 2980 | 13250 | 3380 |
| 2400 | 1200 | 9280 | 3180 | 14320 | 3580 |

We reserve the right to change any data at any time depending on its criteria and without prior notice.

OBX 04/08 | 2. EDITION

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