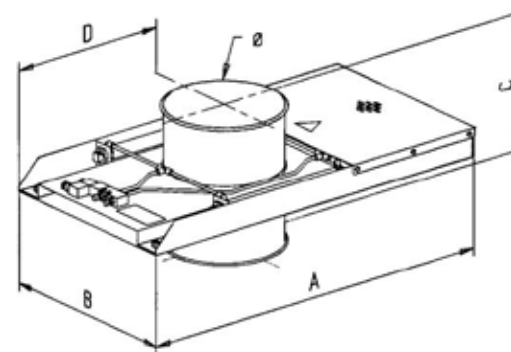


# TECHNICAL DATA SHEET: NFES ENERGY SAVING DAMPER

## SPECIFICATIONS 2 pcs. Pneumatic Cylinders

|                   | Ø450  | Ø500   | Ø560 | Ø630 | Ø710* |
|-------------------|---|--|------|------|-------|
| A                 | 1240  | 1340   | 1460 | 1730 | 1808  |
| B                 | 641   | 691  | 751  | 821  | 901   |
| C                 | 300   | 300  | 300  | 300  | 300   |
| D                 | 460   | 485  | 515  | 575  | 615   |
| Weight (kg)       | 40  | 45   | 54   | 68   | 88    |
| Connection        | Compressed air, Ø6 mm, working pressure 6 - 8 bar<br>Voltage 220V (can be delivered for another voltage or compressed air control). |  |      |      |       |
| Mounting          | Delivered incl. 2 pcs. of QF clips or 2 pcs. of flanges.  |  |      |      |       |
| Lubrication       | The automatism is life lubricated and no lubrication is required.   |  |      |      |       |
| Extra accessories | Time delay for closure, with interval from 0 - 30 sec (pneumatically integrated)  |  |      |      |       |
| ATEX              | Interior:   | Any zone (no ignition source)  |      |      |       |
|                   | Exterior:   | Standard version - for non-zone installation<br>Zone 22/2 or 21/1 - on request (special version) |      |      |       |

\*Only 92 % open when fully open.



### Construction:

**Ends:** Standard QF end can be changed to flanges.

### Additional Notes

The energy saving damper type NFES is an automatic blast gate driven by double acting compressed air cylinders. Diameter Ø450 - Ø710 mm. Made of galvanised steel sheet and equipped with a specially built gasket device, which ensures low friction and optimal tightness. The damper is electronically activated. Recommended max. service temperature is +80°.

### Compliance / Rating of Product Components

| Product                   | Material   | Compliance / Rating     |
|---------------------------|------------|-------------------------|
| NFES Energy Saving Damper | Galvanised | DX51D with Z275 Coating |

### Temperature Rating of Product Components

| NFES Energy Saving Damper |                  |
|---------------------------|------------------|
| 200°C                     | Galvanised Steel |
| -20°C                     |                  |

