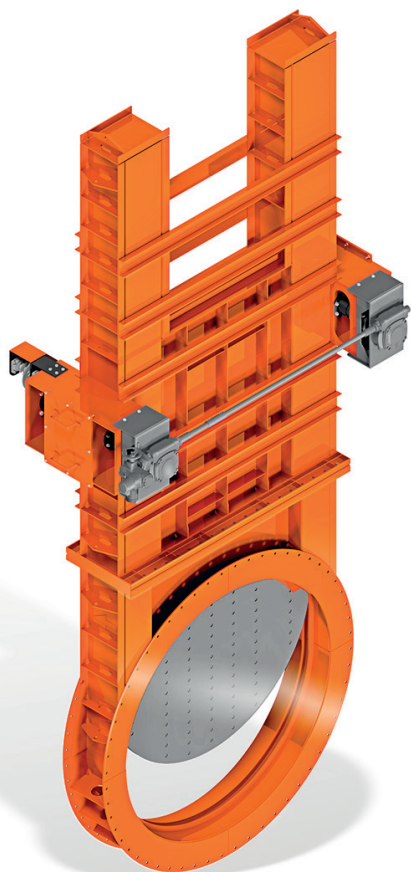


“each of our damper is tailor made for the customer”

### Applications



- 1 Upper body
- 2 Internal gear
- 3 Stuffing box
- 4 Bearing
- 5 Actuator support
- 6 Actuator
- 7 External left gear
- 8 Drive shaft
- 9 Toothed belt
- 10 Disc
- 11 Main shaft
- 12 Drive toothed gear
- 13 Gear housing
- 14 Housing sealing
- 15 External right gear
- 16 Limit bar (sealing line)
- 17 Lower body



#### Product properties:

- range of diameters: Ø 50 mm – Ø 2 000 mm  
other sizes on request
- possibility of execution large-size wafer type dampers with very narrow face-to-face dimension

#### Connection to duct:

- drilling acc. to DIN 24154
- drilling acc. to PN6, PN10, PN16 (acc EN1092-1)
- custom-made acc. to customer requirements (ANSI / GOST / OTHER)

#### Design and working parameters:

- design pressure < 0,5 bar
- design pressure < 3,0 bar (with PED Directive)
- design temperature -30°C do +750°C (max up to 1100°C)

#### Actuator connection:

- according to ISO 5211
- custom-made acc. to customer requirements
- adapted to work with customer actuators or on site actuators

#### Technical description

Guillotine damper valves type **AFT-GDV** and **AFT-GDV-T** serve for the shut-off and/or flow regulation of media as air and process gas. Such valves find application in flue gas extraction installations, flue gas desulphurization, gas utilization SO<sub>2</sub>, SO<sub>3</sub>, NO<sub>x</sub>, dedusting of furnaces, glass factories, metallurgical plants for copper, zinc, plumb as well as cement factories and others.

The construction could be various from monolithic, welding constructions to divided structures for bigger sizes.

The gate valve knife can be made as single or in a 100% tight application as tandem. For special high temperature applications ceramic lining inside the body is available according to customer requirements.

#### Coating:

- Carbon steel elements:  
RAL 2008 as standard with epoxy primer
- Stainless steel elements:  
acid treatment and passivation
- other on request, all painting systems acc. to EN ISO 12944, systems C2 up to C5 - industrial/marine

#### Applicable directives:

- Declaration of Conformity in compliance with Machinery Directive
- CE Directive
- Declaration of Conformity in compliance with EU Directive
- ATEX Directive (all groups and zones)
- PED Directive

#### Tightness class:

- possible class I, II and III acc. to FCI 70-2 (ex ANSI B16.104)
- possible geometrical tightness from 95% up to 100% (see datasheet Materials & Sealings)
- possible 100% tightness with sealing air systems (AFT-GDV-T)

