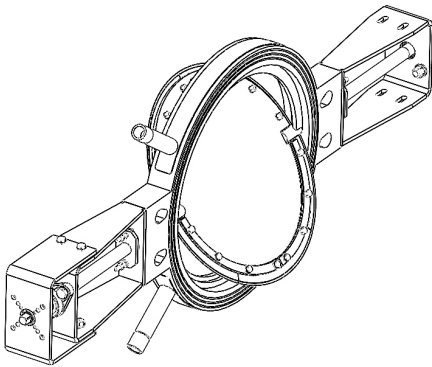


|                    |                   |                               |                        |            |                |               |                  |
|--------------------|-------------------|-------------------------------|------------------------|------------|----------------|---------------|------------------|
| 01.<br>Air control | 02.<br>Air on/off | <b>03.<br/>Exhaust on/off</b> | 04.<br>Exhaust control | 05.<br>Ash | 06.<br>Chimney | 07.<br>Solids | 08.<br>Transport |
|--------------------|-------------------|-------------------------------|------------------------|------------|----------------|---------------|------------------|



#### DO YOUR NEEDS GO BEYOND A STANDARD PRODUCT?

Athree actively helps you customize your existing products or develops together with you and its engineers, products that are tailored to your application.

**Please contact us:**  
**sales@athree.be or +32 (0)3 575 20 89**

## Heavy Duty Butterfly Damper Valve With Sealing Air System For 100% Tightness

### APPLICATION

- For On/Off service

### RANGE

- DN 50 – 1200

### CONNECTION

- Wafer EN1090-1 PN 6, EN1090-1 PN10, ASME B 16.9 Cl. 150 with center holes

### INSPECTION & TESTING

- FCI 70-2 Class III available (0.1% - KV 90)
- Option: 100% sealing by means of sealing air (fan)
- EN12266

### TEMPERATURE RANGE

- -40°C / + 750°C

### MATERIAL

- Carbon Steel , AISI304, AISI316, AISI253MA, AISI321, AISI 309, ...

### DESIGN RULES

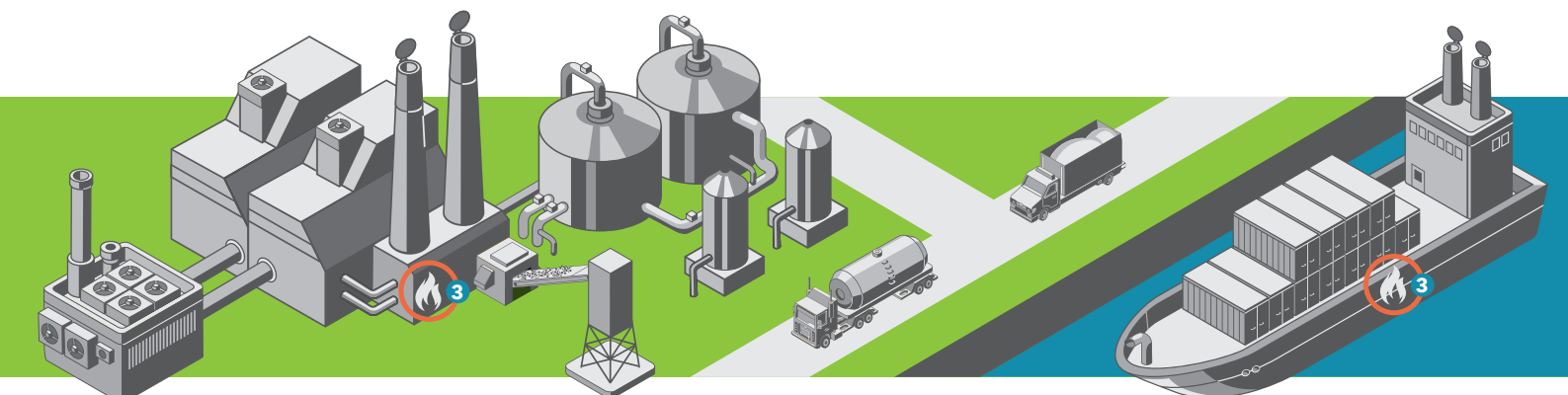
- EN12516-1, EN12516-2, PED 2014/68/EU, ANSI 16.34

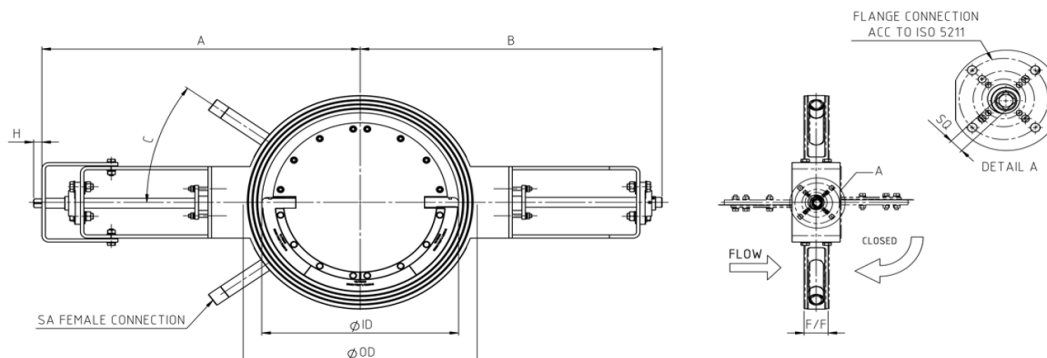
### FACE 2 FACE

- Manufacturer standard or according customer specification

### OPERATED

- Handlever, gearbox, pneumatic actuator, electrical actuator





## ALL DIMENSIONS IN MM

| DN   | ø ID | ø OD | A    | B    | F/F | SQ | H  | ISO 5211    | Weight (*) [kg] | SA CONNECTION | Actuator      |               |
|------|------|------|------|------|-----|----|----|-------------|-----------------|---------------|---------------|---------------|
|      |      |      |      |      |     |    |    |             |                 |               | Double acting | Spring return |
| 50   | 50   | 100  | 447  | 415  | 40  | 11 | 12 | F05-F07     |                 |               | AT101U        | AT251U        |
| 80   | 80   | 140  | 512  | 469  | 40  | 14 | 16 | F05-F07-F10 |                 |               | AT101U        | AT251U        |
| 100  | 100  | 160  | 512  | 469  | 40  | 14 | 16 | F05-F07-F10 |                 |               | AT101U        | AT251U        |
| 125  | 125  | 190  | 522  | 479  | 45  | 14 | 16 | F05-F07-F10 |                 |               | AT101U        | AT251U        |
| 150  | 150  | 215  | 536  | 499  | 45  | 14 | 16 | F05-F07-F10 |                 |               | AT101U        | AT251U        |
| 200  | 200  | 270  | 597  | 554  | 50  | 14 | 16 | F05-F07-F10 |                 |               | AT101U        | AT251U        |
| 250  | 250  | 315  | 632  | 589  | 50  | 14 | 16 | F05-F07-F10 | 39              | G1/2"         | AT201U        | AT301U        |
| 300  | 300  | 374  | 652  | 609  | 50  | 14 | 16 | F05-F07-F10 | 41              | G1/2"         | AT201U        | AT301U        |
| 350  | 340  | 435  | 681  | 641  | 55  | 14 | 16 | F05-F07-F10 |                 |               | AT251U        | AT351U        |
| 400  | 390  | 474  | 709  | 671  | 55  | 17 | 19 | F05-F07-F10 | 62              | G3/4"         | AT251U        | AT351U        |
| 450  | 450  | 535  | 728  | 691  | 55  | 17 | 19 | F05-F07-F10 | 72              | G3/4"         | AT301U        | AT401U        |
| 500  | 490  | 572  | 795  | 741  | 60  | 17 | 19 | F05-F07-F10 | 74              | G3/4"         | AT301U        | AT401U        |
| 550  | 540  | 645  | 784  | 748  | 60  | 17 | 19 | F05-F07-F10 | 80              | G3/4"         | AT301U        | AT401U        |
| 600  | 590  | 672  | 814  | 781  | 60  | 17 | 19 | F05-F07-F10 | 85              | G3/4"         | AT301U        | AT401U        |
| 700  | 690  | 810  | 878  | 841  | 60  | 22 | 24 | F07-F12     |                 |               |               |               |
| 800  | 790  | 915  | 951  | 912  | 70  | 27 | 29 | F10-F16     |                 |               |               |               |
| 900  | 890  | 1015 | 1001 | 962  | 70  | 27 | 29 | F10-F16     |                 |               |               |               |
| 1000 | 990  | 1125 | 1056 | 1017 | 70  | 27 | 29 | F10-F16     |                 |               |               |               |

