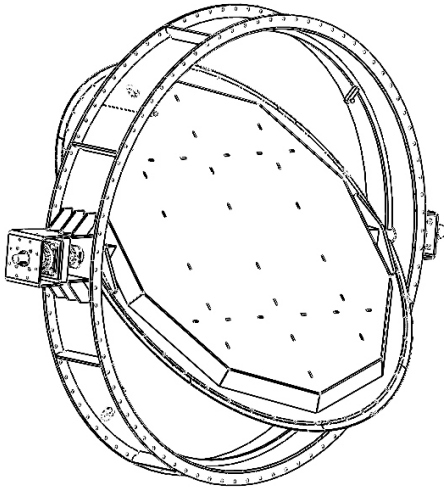


01. Air control	02. Air on/off	03. Exhaust on/off	04. Exhaust control	05. Ash	06. Chimney	07. Solids	08. Transport
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DO YOUR NEEDS GO BEYOND A STANDARD PRODUCT?

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

Butterfly Damper Valve

APPLICATION

- For control or On/off service

RANGE

- DN 250 – 4000

CONNECTION

- Flanged, butt-weld
- Flange drilling in accordance with:
EN1092-1, DIN86044, DIN28031, JIS(7805-5K-10K), ASME B 16.5 Cl. 150 or 300, ASME 16.47 Serie A, B or Custom build

INSPECTION & TESTING

- FCI 70-2 Class I, II & III available (0.1%- KV90)
- Option: 100% tight (ISV) – with inflatable seal – Ts: 160°C and +0.9/-0.9 barG
- EN12266

TEMPERATURE RANGE

- -40 / + 750°C

MATERIAL

- Carbon Steel, AISI304, AISI316, AISI253MA, AISI321, AISI309, Alloy 800HT / 625, ...

DESIGN RULES

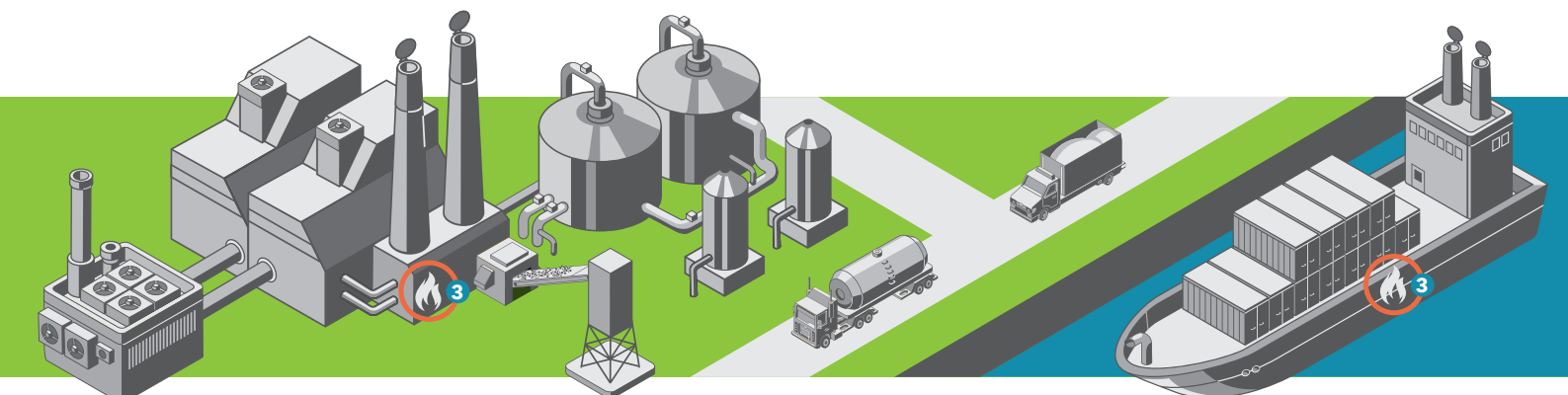
- EN12516-1, EN12516-2, ANSI 16.34, EN1090

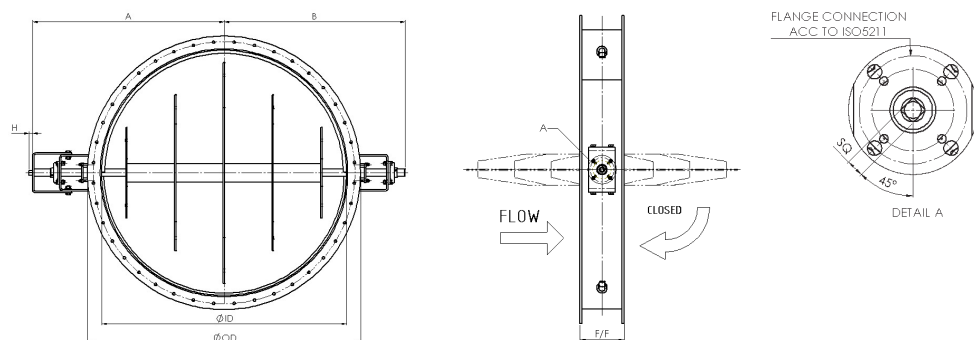
FACE 2 FACE

- Manufacturer standard or according customer specification

OPERATED

- Handlever, gearbox, pneumatic actuator, electrical actuator





ALL DIMENSIONS IN MM

DN	ø ID	F/F	A	B	SQ	H	ISO 5211	Weight (*) [kg]	Torque N*m	Actuator	
										Double acting	Spring return
300	314	180	436	425	14	16	F05-F07	41	74	AT25IU	AT35IU
350	345	180	453	444	14	16	F05-F07	47	76	AT25IU	AT35IU
400	396	180	481	471	14	16	F05-F07	52	77	AT30IU	AT40IU
450	445	180	507	497	14	16	F05-F07	55	80	AT30IU	AT40IU
500	498	180	560	551	14	16	F05-F07	62	82	AT30IU	AT40IU
600	590	180	624	610	17	19	F07-F10	83	90	AT30IU	AT40IU
700	686	180	676	663	17	19	F07-F10	106	134	AT35IU	AT45IU
800	786	220	737	721	22	24	F07-F10	154	198	AT40IU	AT50IU
900	886	220	789	773	22	24	F07-F10	175	210	AT40IU	AT50IU
1000	986	220	869	846	22	24	F07-F10	206	285	AT45IU	AT55IU
1100	1086	220	920	902	22	24	F07-F10	230	290	AT45IU	AT55IU
1200	1182	260	996	983	27	29	F10-F12	353	295	AT45IU	AT55IU
1300	1283	260	1047	1034	27	29	F10-F12	386	295	AT45IU	AT55IU
1400	1383	260	1073	1060	27	29	F10-F12	421	310	AT45IU	AT55IU
1500	1483	260	1154	1134	27	29	F12-F16	467	580	AT55IU	AT65IU
1600	1583	300	1250	1224	36	38	F12-F16	563	590	AT55IU	AT65IU
1700	1679	300	1326	1304	36	38	F12-F16	653	600	AT55IU	AT65IU
1800	1779	300	1410	1377	36	38	F12-F16	839	620	AT60IU	AT65IU
1900	1879	300	1461	1428	36	38	F12-F16	907	630	AT60IU	AT65IU
2000	1979	300	1512	1479	36	38	F12-F16	969	645	AT60IU	AT65IU

* - weight is approximate and can deviate due to different flange standards. Given mass for all valves is with flange DIN28031

