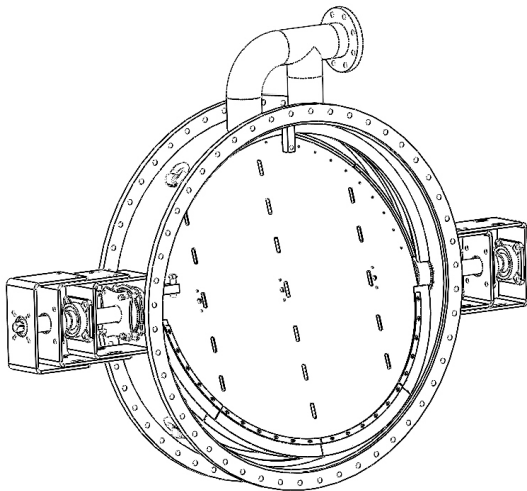


01. Air control	02. Air on/off	03. Exhaust on/off	04. Exhaust control	05. Ash	06. Chimney	07. Solids	08. Transport
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DO YOUR NEEDS GO BEYOND A STANDARD PRODUCT?

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 With Sealing Air System For 100% Tightness

APPLICATION

- For On/Off service

RANGE

- DN 300 – 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 III (0.1% - KV90)
- 100% sealing by means of sealing air (fan)
- EN12266

TEMPERATURE RANGE

- -40 / + 750°C

MATERIAL

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

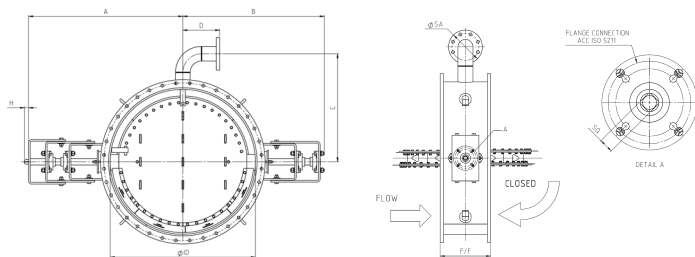
FACE 2 FACE

- Manufacturer standard or according customer specification

OPERATED

- Gearbox, pneumatic actuator, electrical actuator





ALL DIMENSIONS IN MM

DN	ØID	F/F	A	B	C	D	ØSA	ISO 5211	SQ	H	Weight (*) [kg]	Max Torque [Nm]	Suggested actuators	
													Double acting	Single acting
300	314	260	476	419	295	148	DN50 / 2"	F07-F10	17	19	67	74	301	351
350	345	260	498	441	320	140	DN50 / 2"	F07-F10	17	19	75	76	301	351
400	396	260	531	475	345	160	DN50 / 2"	F07-F10	17	19	93	77	301	351
450	443	260	561	494	399	160	DN50 / 2"	F07-F10	17	19	103	77	301	401
500	498	260	592	535	396	160	DN50 / 2"	F07-F10	17	19	112	82	301	401
550	540	260	630	569	461	205	DN65 / 2-1/2"	F07-F10	17	19	121	86	301	401
600	590	260	643	587	486	204	DN65 / 2-1/2"	F07-F10	17	19	127	90	301	401
650	640	260	668	612	511	204	DN65 / 2-1/2"	F07-F10	17	19	139	112	351	451
700	686	260	697	641	535	204	DN65 / 2-1/2"	F07-F10	22	24	151	134	351	451
750	736	260	723	667	585	204	DN80 / 3"	F07-F10	22	24	197	166	351	501
800	786	300	884	784	607	224	DN80 / 3"	F10-F12	22	24	243	198	351	501
850	811	300	909	809	632	224	DN80 / 3"	F10-F12	22	24	262	204	401	501
900	882	300	935	834	658	224	DN80 / 3"	F10-F12	22	24	281	210	401	501
950	932	300	960	859	683	224	DN80 / 3"	F10-F12	22	24	353	253	401	501
1000	982	300	987	886	735	296	DN100 / 4"	F10-F12	27	29	312	285	451	601
1050	1032	300	1012	911	760	296	DN100 / 4"	F10-F12	27	29	342	288	451	601
1100	1082	300	1034	934	798	296	DN100 / 4"	F10-F12	27	29	372	290	451	601
1150	1132	300	1059	959	823	296	DN100 / 4"	F10-F12	27	29	399	293	451	601
1200	1182	300	1113	986	837	296	DN100 / 4"	F10-F12	27	29	425	295	451	601
1250	1232	300	1138	1011	862	296	DN100 / 4"	F10-F12	27	29	455	298	451	601
1300	1283	300	1137	1036	890	296	DN100 / 4"	F10-F12	27	29	484	300	451	601
1350	1333	300	1162	1061	915	296	DN100 / 4"	F10-F12	27	29	502	305	451	601
1400	1383	300	1190	1090	980	372	DN125 / 5"	F10-F12	27	29	519	310	451	601
1450	1433	300	1215	1115	1005	372	DN125 / 5"	F10-F12	27	29	563	445	451	651
1500	1483	300	1270	1170	1020	372	DN125 / 5"	F12-F16	36	38	606	580	551	651
1600	1583	350	1309	1209	1070	372	DN125 / 5"	F12-F16	36	38	665	590	551	651
1700	1683	350	1359	1259	1125	372	DN125 / 5"	F12-F16	36	38	726	600	551	701
1800	1783	350	1484	1375	1175	433	DN150 / 6"	F12-F16	36	38	882	620	601	701
1900	1883	350	1539	1427	1225	433	DN150 / 6"	F12-F16	36	38	903	633	601	701
2000	1983	350	1589	1476	1275	433	DN150 / 6"	F12-F16	36	38	950	645	601	701
2100	2083	400	1639	1526	1325	433	DN150 / 6"	F12-F16	36	38	1050	674	601	701
2200	2179	400	1689	1576	1375	433	DN150 / 6"	F12-F16	36	38	1155	702	601	701
2300	2279	400	1739	1626	1425	433	DN150 / 6"	F12-F16	36	38	1260	807	651	751
2400	2379	400	1789	1676	1475	433	DN150 / 6"	F12-F16	46	48	1365	912	651	751
2500	2479	400	1843	1731	1530	433	DN150 / 6"	F12-F16	46	48	1476	456	651	751
2600	2579	450	1894	1819	1550	367	DN200 / 8"	F12-F16	46	48	1549	1160	651	751
2700	2679	450	1944	1632	1631	367	DN200 / 8"	F12-F16	46	48	1614	1324	701	801
2800	2779	450	2023	1897	1685	367	DN200 / 8"	F16-F25	46	48	1859	1488	701	801
2900	2879	450	2073	1947	1735	367	DN200 / 8"	F16-F25	46	48	1930	1635	751	1001
3000	2979	450	2123	1997	1785	367	DN200 / 8"	F16-F25	46	48	2128	1782	751	1001

