

BUTTERFLY DAMPER VALVE heavy duty type AS-AMM 708

APPLICATIONS

- fluids: air, gas and fumes
- incineration plants
- power plants
- biomass and biogas
- steel industry
- glass industry
- cement plants
- air pollution and filtration
- renewable power plants
- heat recovery systems
- boilers and burners
- petrochemical and chemical industry
- air and climate technology
- thermal oxidation and regeneration plants

KEY FEATURES

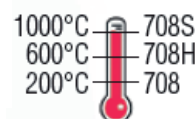
- high switching frequency
- high pressure
- robust construction for demanding operating conditions
- double shaft

WORKING CONDITIONS

maximum working temperature up to 1000°C
maximum working pressure up to 5 bar
(depending on material and size)

TECHNICAL CHARACTERISTICS

- ON/OFF or modulationg service
- diameter range from DN 150 to DN 3000
- WAFER or FLANGED PN 6, PN 10, ANSI 150, BUTT WELD or according to customer drawing
- tightness class I, II and III according to FCI 70-2 (ex ANSI B16.104)
- operated by handlever, pneumatic or electric actuator
- material: based on temperature and customer request



BODY STYLES



flanged **F**

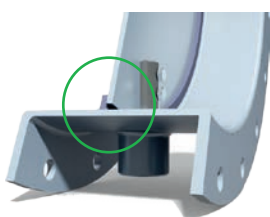


wafer **W**



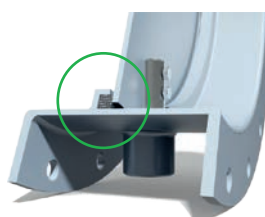
butt weld **B**

SEAT STYLES



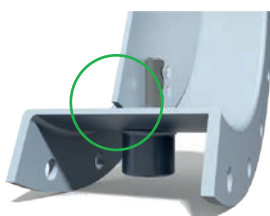
metal to metal seat

DN	CLASS	VALUE (FCI 70-2)
150 - 200	I	relative tightness
250 - 1500	II	<0,5% Kvs
-	-	-



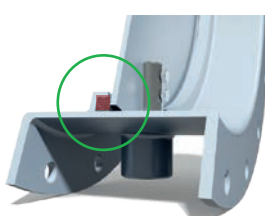
soft sealing with braid

DN	CLASS	VALUE (FCI 70-2)
150 - 200	II	<0,5% Kvs
250 - 1000	III	<0,1% Kvs
1100 - 1500	III/IV	<0,05% Kvs



no seat

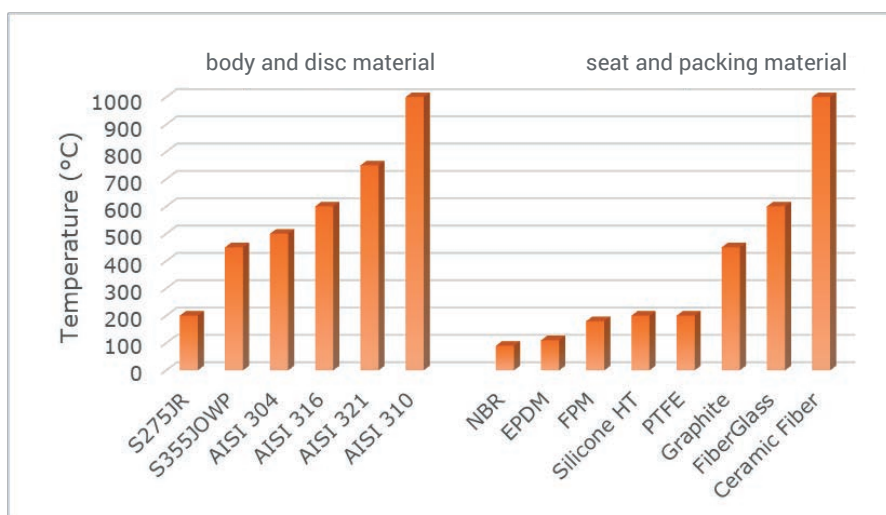
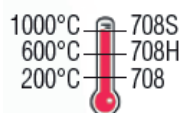
DN	CLASS	VALUE (FCI 70-2)
150 - 1500	I	relative tightness
-	-	-
-	-	-

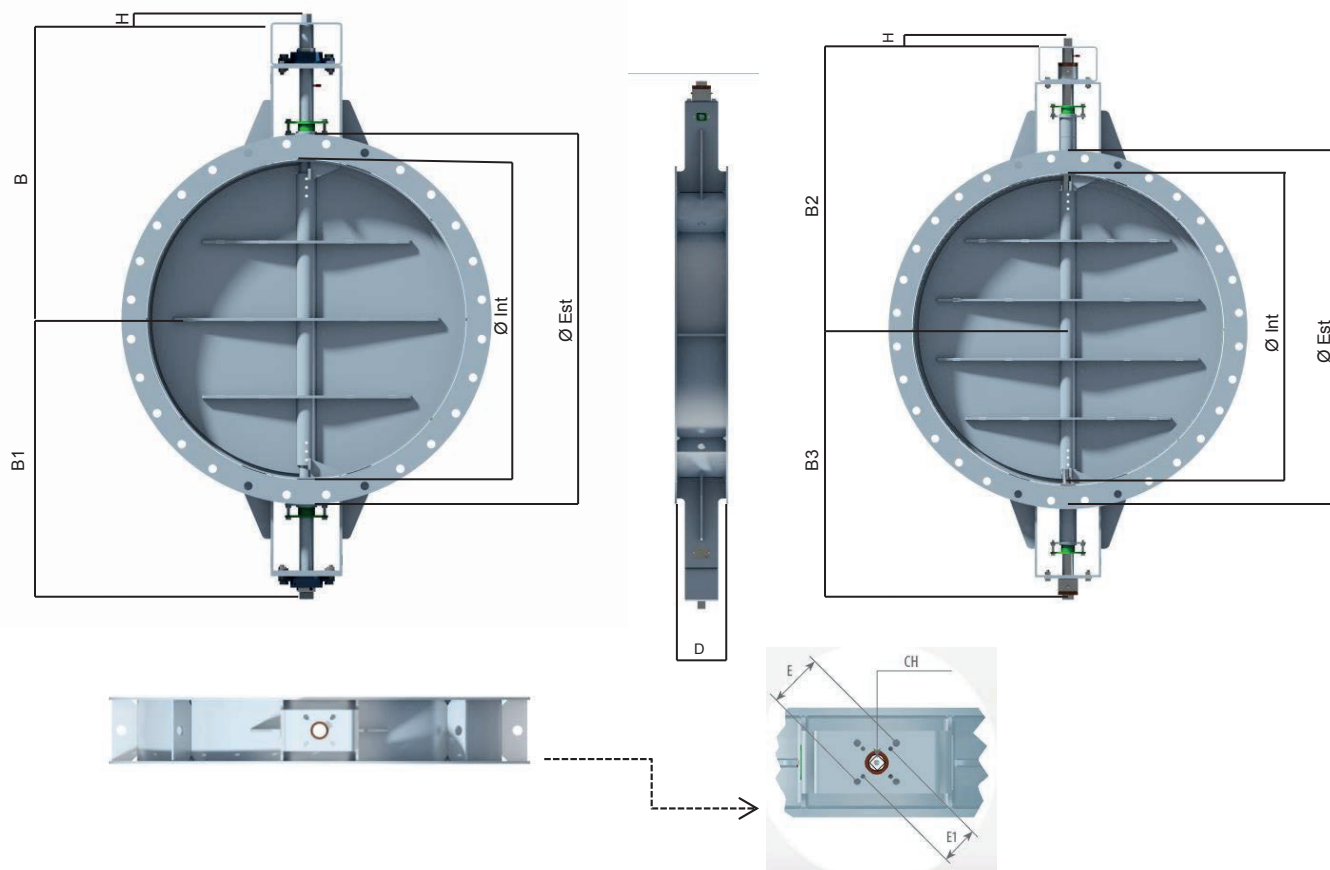


soft sealing with elastomer

DN	CLASS	VALUE (FCI 70-2)
150 - 200	II	<0,5% Kvs
250 - 1000	III	<0,1% Kvs
1100 - 1500	III/IV	<0,05% Kvs

valve material





DN	PS MAX (bar)	Ø Int	Ø Est			D	B	B1	B2	B3	CH	H	E		Torque (Nm) *	MAST VALUE (Nm)	Suggested Actuator	
			FLANGED PN6	FLANGED PN10	WAFER								ISO 5210	ISO 5210			Double Acting	Single Acting
150	5	160,3	265	285	205	140	310	290	470	450	14	17	F07	F05	20	111	AM17.0	AM20.4
200	5	211,1	320	340	260	140	335	315	495	475	14	17	F07	F05	22	111	AM17.0	AM20.4
250	4	265,8	375	395	315	140	363	343	522	502	14	17	F07	F05	28	111	AM17.0	AM30.4
300	4	315,9	440	445	371	140	388	368	547	527	14	17	F07	F05	30	111	AM17.0	AM30.4
350	4	350	490	505	421	140	405	385	564	544	14	17	F07	F05	35	111	AM25.0	AM35.4
400	4	400	540	565	471	140	429	409	588	568	14	17	F07	F05	42	111	AM25.0	AM35.4
450	3	450	595	615	526	190	488	453	648	613	22	25	F10	F07	46	432	AM35.0	AM40.4
500	3	500	645	670	576	190	513	478	673	638	22	25	F10	F07	50	432	AM35.0	AM40.4
600	3	600	755	780	677	190	561	526	721	686	22	25	F10	F07	55	432	AM35.0	AM40.4
700	3	700	860	895	782	190	611	576	771	736	22	25	F10	F07	68	432	AM40.0	AM45.4
800	2	800	975	1015	888	190	661	626	821	786	22	25	F10	F07	77	432	AM40.0	AM45.4
900	2	900	1075	1115		240	803	755	963	915	27	30	F12	F10	112	798	AM50.0	AM55.4
1000	1	1000	1175	1230		240	853	805	1013	965	27	30	F12	F10	148	798	AM50.0	AM55.4
1100	1	1100	1290	1340		240	903	855	1063	1015	27	30	F12	F10	160	798	AM50.0	AM55.4
1200	1	1200	1405	1445		240	953	905	1113	1065	27	30	F12	F10	180	798	AM50.0	AM55.4
1300	1	1300	1515	1560		240	1003	955	1163	1115	27	30	F12	F10	168	798	AM55.0	AM60.4
1400	1	1400	1630	1675		240	1053	1005	1215	1167	27	30	F12	F10	235	798	AM55.0	AM60.4
1500	1	1500	1730	1795		240	1103	1055	1265	1217	27	30	F12	F10	284	798	AM55.0	AM60.4
1600	0,5	1600	1830	1915		300	1260	1212	1422	1374	36	35	F14	-	354	1890	AM60.0	AM65.4
1700	0,5	1700	1930	2015		300	1315	1267	1477	1429	36	35	F14	-	390	1890	AM60.0	AM65.4
1800	0,5	1800	2045	2115		300	1370	1322	1532	1484	36	35	F14	-	433	1890	AM60.0	AM65.4
1900	0,5	1900	2155	2220		300	1480	1432	1642	1594	36	35	F14	-	475	1890	AM65.0	AM70.5
2000	0,5	2000	2265	2325		300	1590	1542	1755	1707	36	35	F14	-	520	1890	AM65.0	AM70.5

We reserves the right to make changes to its products at any time

*Torques without safety factor (for size increased by 25%)

