

BUTTERFLY VALVE

TYPE 2236: WAFER (DVGW GAS)

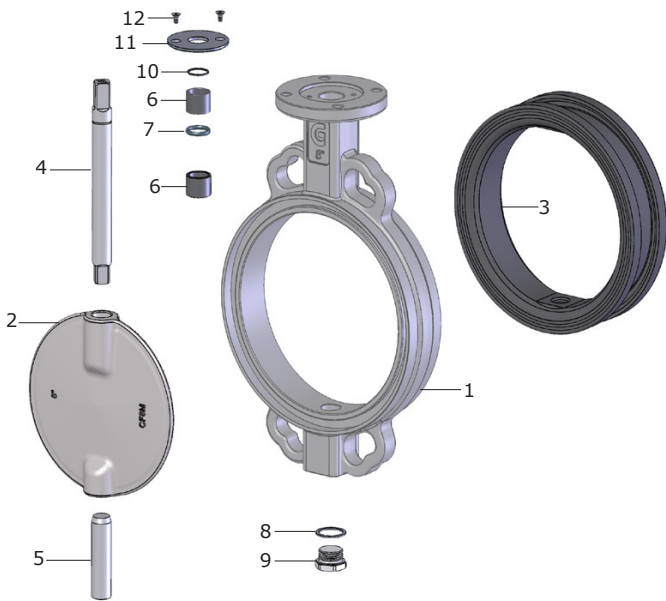


GENERAL

DIMENSION/PRESSURE:	DN50 - DN150 = PN16 DN200 - DN600 = PN10
SURFACE:	C4 RAL 1018
MATERIAL BODY:	DUCTILE IRON (GGG40 / EN-GJS400-15)
COUNTER FLANGES:	DN50 - DN150 = PN10/16/ANSI150 DN200 - DN500 = PN10/16/ANSI150 DN600 = PN10
AMBIENT TEMPERATURE:	-10° TO 60°C
MEDIA TEMPERATURE:	-25° TO 100°C
SURFACE:	EPOXY COATED, CORROSION CLASS C3 COLOUR: RAL 1018
FACE-TO-FACE:	EN558-1
OPERATION:	FREE STEM INCL. MULTI BRACKET

OPTION

OPERATION:	HANDLE, GEAR, ACTUATOR (PNEUMATIC OR ELECTRIC)
------------	---

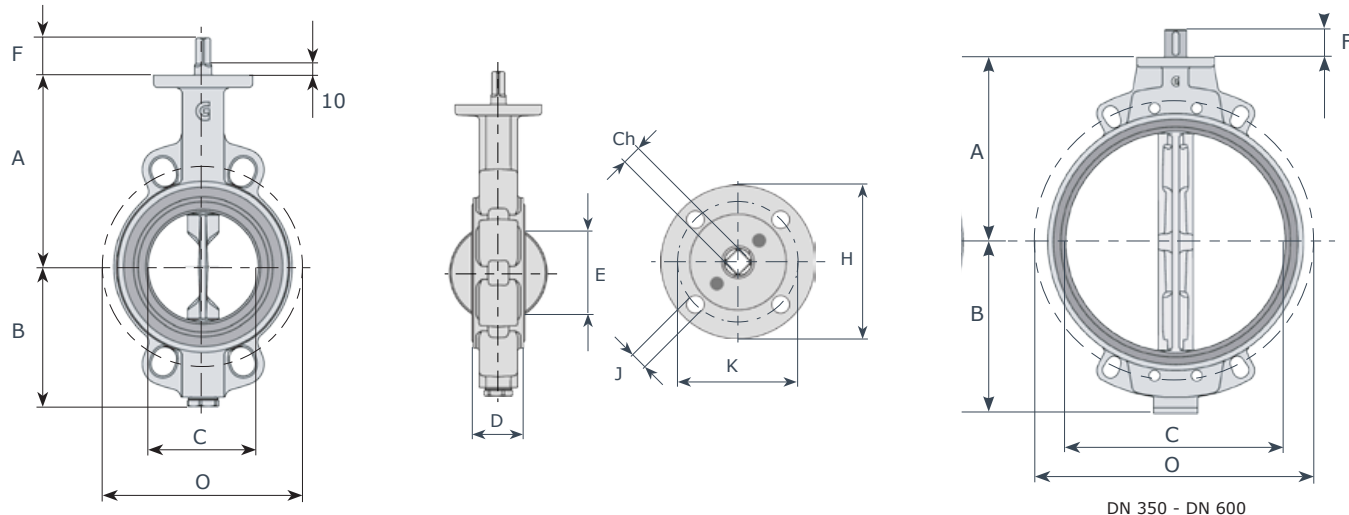


POS	DESCRIPTION	MATERIALS
1	BODY	DUCTILE IRON - GGG40
2	DISC	STAINLESS STEEL - CF8M
3	SEAT	NBR RUBBER (DVGW)
4	UPPER STEM	STAINLESS STEEL - AISI 430
5	LOWER STEM	STAINLESS STEEL - AISI 430
6	BUSHING	BRONZE
7	STEM PACKING	NBR RUBBER
8	PLUG PACKING	ALUMINUM
9	THREADED PLUG	ZINC PLATED STEEL
10	STOP RING	STEEL
11	UPPER FLANGE	IXEF (DN40-150) ALUMINUM (DN200-300)
12	SCREWS	ZINC PLATED STEEL

DESCRIPTION

- **Industrial wafer butterfly valve** in very high quality, with DVGW gas approval. EN 10204 3.1. certified.
- **ISO 5211 mounting flanges** enable direct mounting of actuators.
- **Approvals** - the butterfly valves are CE/PED, ATEX approved and with EAC certificate.
- **2 bronze bearings** reduces friction and prolongs service life.
- **Unique plain bearing in the disc** ensures low torque and long service life.
- **Special designed seat** which reduces torque and prolongs service life.
- **Optional** with actuator, gear or handle.
- **The seat is replaceable.**
- **Two-piece stem** resulting in high Kv-value and less turbulence.

DIMENSIONS



DN 350 - DN 600

DIM	BUTTERFLY VALVES													
[MM]	PN	A [MM]	B [MM]	C [MM]	D [MM]	E [MM]	F [MM]	Ch [MM]	H [MM]	K [MM]	ISO	J [MM]	N - n. - O [MM]	WEIGHT [KG] FREE STEM
DN40	16	130	75	49	33	36	34	11	90	70	F07	9	M16-4-110	2.2
DN50	16	138	81	55	43	35	34	11	90	70	F07	9	M16-4-125	2.8
DN65	16	144	98	68	46	50	34	11	90	70	F07	9	M16-8-145	3.7
DN80	16	158	110	81	46	67	34	11	90	70	F07	9	M16-8-160	4.0
DN100	16	173	128	101	52	87	34	11	90	70	F07	9	M16-8-180	6.0
DN125	16	186	140	126	56	113	34	14	90	70	F07	9	M16-8-210	7.2
DN150	16	202	155	150	56	140	34	14	90	70	F07	9	M20-8-240	9.1
DN200	10	240	190	200	60	191	38	17	125	102	F10	11	M20-8-295	14.0
DN250	10	270	220	250	68	241	38	22	125	102	F10	11	M20-12-350	22.0
DN300	10	300	247	298	78	289	38	22	125	102	F10	11	M20-12-400	32.0
DN350	10	330	280	341	78	332	60	27	150	125	F12	14	M20-16-460	42.0
DN400	10	355	305	390	102	376	60	27	150	125	F12	14	M24-16-515	76.0
DN450	10	400	343	444	114	430	60	27	175	140	F14	18	M24-20-565	110.0

VALVE DATA

DIM	KV-VALUE (M ³ /H 1 BAR ΔP)									
[MM]	MAX. MOMENT [NM]	10°	20°	30°	40°	50°	60°	70°	80°	90°
DN40	16	<1	<1	4	12	17	32	45	53	62
DN50	23	<1	<1	5	14	29	47	71	98	107
DN65	27	1	2	11	27	50	77	122	171	213
DN80	60	3	6	28	54	91	140	213	301	404
DN100	72	5	14	57	108	175	262	404	594	799
DN125	105	6	27	84	156	248	385	624	954	1239
DN150	135	7	51	129	224	363	572	977	1535	1929
DN200	270	22	114	229	401	639	1018	1755	2880	3484
DN250	330	33	171	334	634	970	1530	2650	4403	5753
DN300	480	49	250	490	925	1416	2231	3865	6641	8828
DN350	885	118	301	631	1131	1918	3081	4963	8884	10308
DN400	975	153	393	824	1478	2506	4024	6482	11603	13464
DN450	1080	195	498	1043	1871	3170	5093	8210	14686	17041

Above mentioned torques incl. 50% safety factor are based on on/off services with gas medium.



Temperature/Pressure

Butterfly valves from Dansk Ventil Center A/S is delivered with different pressure levels and with different liner types. Always check the name plate to ensure correct operation. Pressure systems with flanges according to EN1092-1 has some limitations. Be careful not to exceed the allowable pressure/temperature limits, as this may cause damage to personal or equipment.

Rubber seat:

Rubber will over time lose flexibility and compression set. The higher the temperature rubber is installed in, the shorter the expected lifespan is.

Our values for temperature is given to the best of our knowledge, and we advise that valves are tested for lifespan if installation is running near the given temperature limit. If in doubt, please consult us.