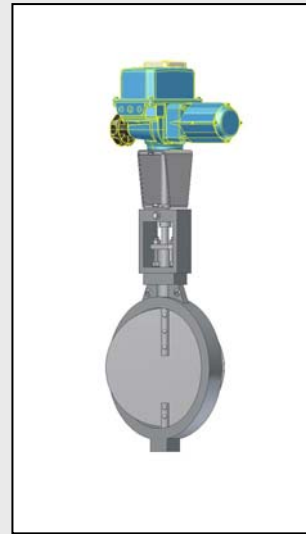
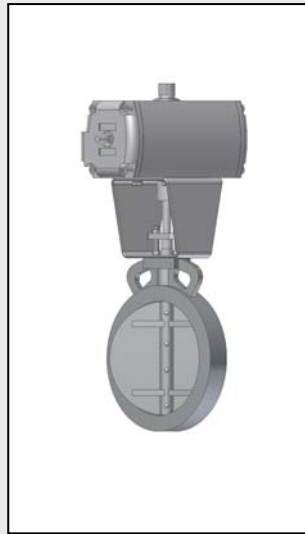


Butterfly Valve Type GD-6 – Standard design



General:

JASTA's butterfly valve of the type GD-6 is a valve that is clamped between flanges. Thanks to the diversity of available materials, this valve can be employed in almost all media and industry sectors. Its functionality is, however, not restricted to one control- or throttle function: using the variant of the highest density shows a leakage rate of only 0.02% of Kv 90°. Particularly in case of high temperatures in the low-pressure area and also with regard to many other fields of applications, this "shut-off function" ensures high efficiency, so that the use of much more expensive double- or triple eccentric shut-off valves becomes superfluous.

Fields of applications:

Melting plants, foundries, cement mills, crematories, industrial furnaces (for iron, steel, aluminium, stainless steel), glassworks, plants (for Rockwool, gas concrete etc.), ceramic furnaces, drying- and dust removal installations, gas turbines, annealing systems, high temperature furnace engineering etc.

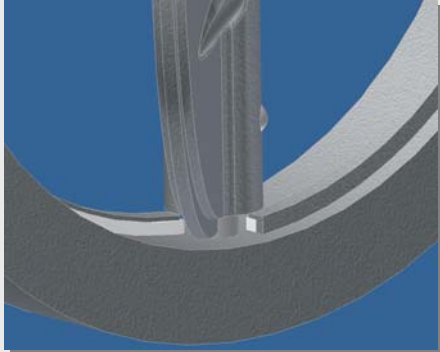
Specification (standard design)

Customized solutions and modifications are available. Please enquire separate.

DN	15 up to 3000
Type	Wafer-type
DIN	PN-6; PN-10, PN-16, ANSI 150 lbs.
Operating temperatures	-40°C up to + 1000°C
Leakage rates	Approx. 2% to 0,02 % of Kv 90°
Actuation modes	Electric, pneumatic, hydraulic, hand
Material combinations	Cast iron/steel/stainless steel/aluminium
Connection flange	Possible according ISO 5211
Shaft sealing	Packing, o-rings, TA-Air (German Clean Air Act) possible
Shaft bearing	Friction bearing, flange bearing, external bearing possible
Progr. locking mechanism	Possible with specific hand actuation.

Butterfly Valves – Sealing modes

With landing bar and flexible sealing coated on 3 sides



With landing bar and flexible sealing coated on 3 sides.
Leakage rate: Approx. 0,05 to 0,02 % of Kv 90° - depending on design

With landing bar



With landing bar.
Leakage rate: Approx. 0,5 to 0,2 % of Kv 90° - depending on design.

Without landing bar

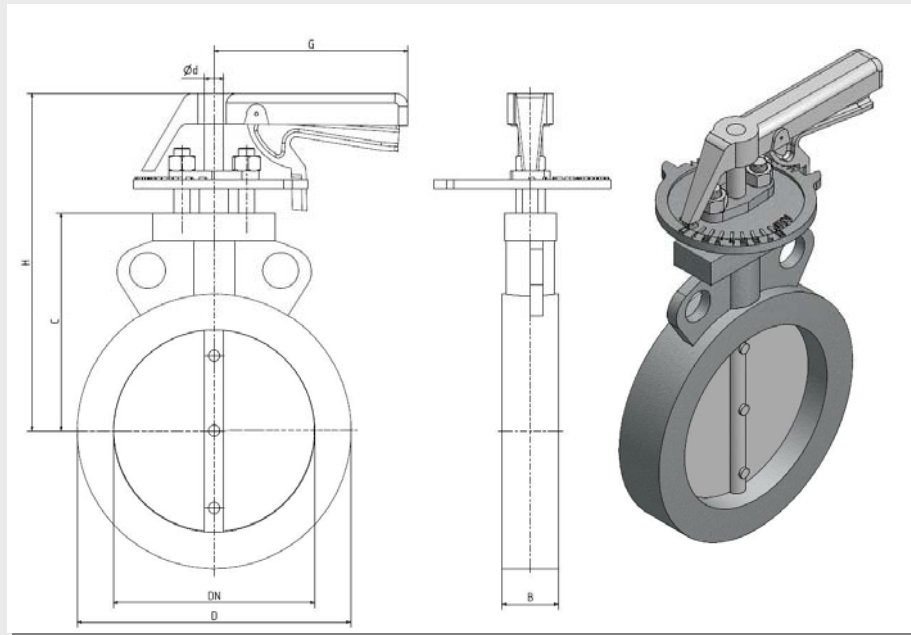


Mögli

Without landing bar.
Leakage rate: Approx. 1 % of KV 90°

Butterfly Valves

GD-6 with locking device – Dimensions/weights



The weights refer to the valves in standard design.

DN	B	C	D	d	G	H	[kg]
15	25	60	44	8	100	130	
20	25	60	44	8	100	130	
25	25	75	60	10	100	145	
32	25	80	67	10	100	150	
40	25	83	75	10	100	153	
50	25	85	85	10	100	155	
65	25	95	105	12	120	165	
80	30	105	120	12	120	175	
100	30	115	140	12	120	185	
125	35	135	170	12	145	210	
150	40	150	195	15	145	225	
175	40	165	225	15	145	240	
200	40	175	255	15	145	250	
225	40	185	280	15	145	260	
250	40	220	310	15	155	305	
300	45	240	360	20	155	325	
350	45	290	415	25	210	405	
400	50	335	465	30	210	450	
450	50	360	520	30	210	475	
500	55	400	570	30	210	515	
550	60	420	620	30	210	535	
600	65	460	675	30	210	460	
700	70	495	780	35	*3	*2	
800	75	545	880	40	*3	*2	
900	80	600	980	40	*3	*2	
1000	90	670	1080	45	*3	*2	
1100	90	730	1180	45	*3	*2	
1200	90	790	1295	45	*3	*2	
1400	*1	920	1510	*1	*3	*2	
1600	*1	1010	1710	*1	*3	*2	
1800	*1	1120	1920	*1	*3	*2	
2000	*1	1230	2130	*1	*3	*2	

*1= Depending on design

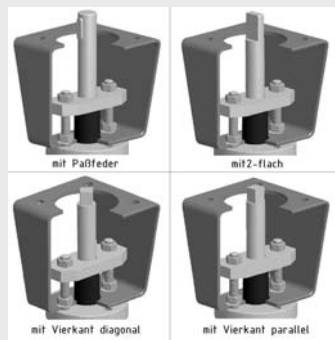
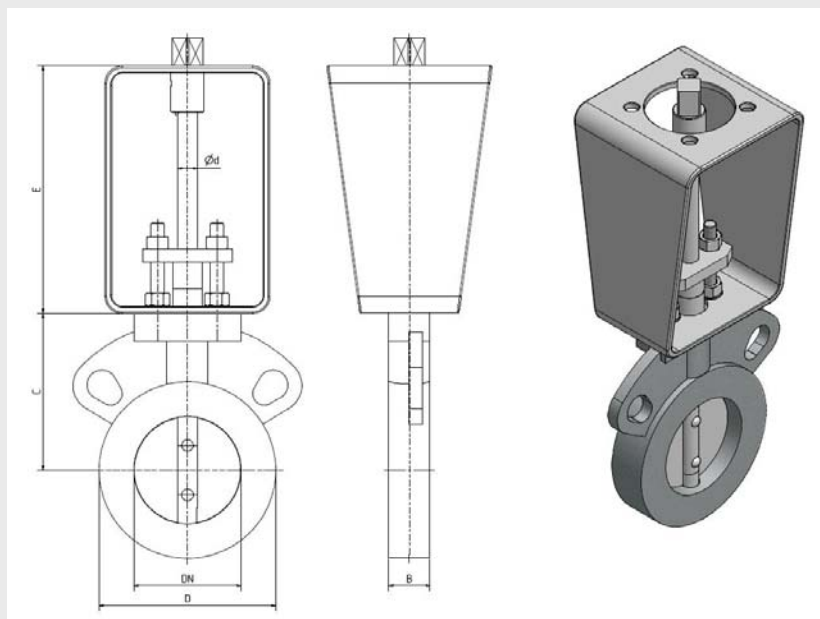
*2= With fine adjustment type RDST-32 or worm gear

*3= See Type RDST-32

Subject to change without notice

Butterfly Valves

GD-6 with mounting kit according ISO 5211 – Dimensions/weights



Flange connection and shaft extension according customer's specification

The weights refer to the valves in standard design.

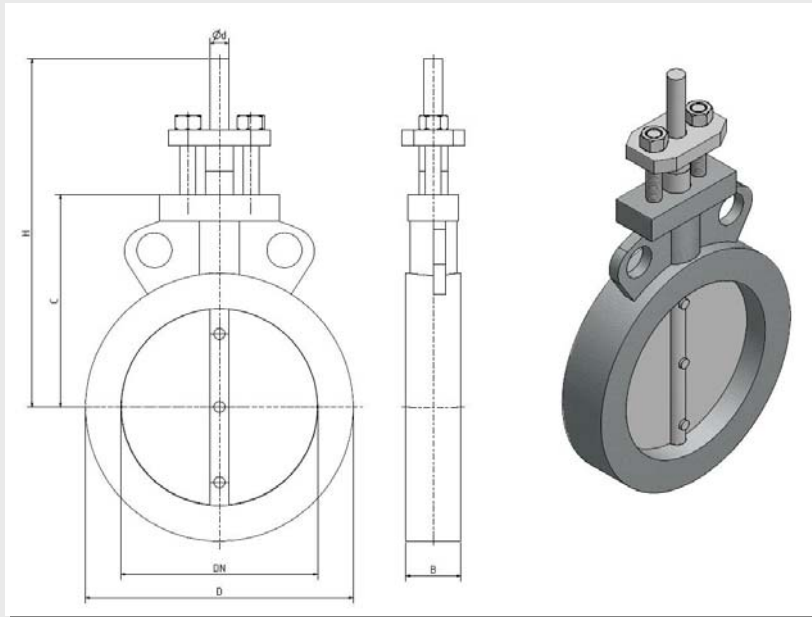
DN	B	C	D	d	E	[kg]
15	25	60	44	8	*	
20	25	60	44	8	*	
25	25	75	60	10	*	
32	25	80	67	10	*	
40	25	83	75	10	*	
50	25	85	85	10	*	
65	25	95	105	12	*	
80	30	105	120	12	*	
100	30	115	140	12	*	
125	35	135	170	12	*	
150	40	150	195	15	*	
175	40	165	225	15	*	
200	40	175	255	15	*	
225	40	185	280	15	*	
250	40	220	310	15	*	
300	45	240	360	20	*	
350	45	290	415	25	*	
400	50	335	465	30	*	
450	50	360	520	30	*	
500	55	400	570	30	*	
550	60	420	620	30	*	
600	65	460	675	30	*	
700	70	495	780	35	*	
800	75	545	880	40	*	
900	80	600	980	40	*	
1000	90	670	1080	45	*	
1100	90	730	1180	45	*	
1200	90	790	1295	45	*	

*=Temperature depended

Subject to change without notice

Butterfly Valves

GD-6 with bare shaft – Dimensions/weights



The weights refer to the valves in standard design.

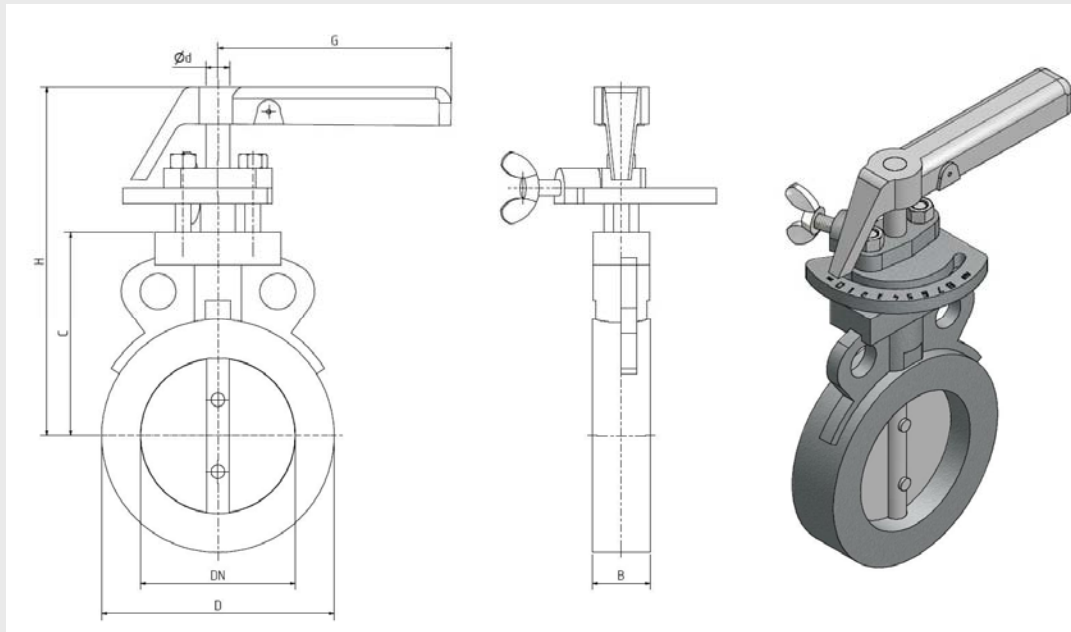
DN	B	C	D	d	H	[kg]
15	25	60	44	8	140	
20	25	60	44	8	140	
25	25	75	60	10	155	
32	25	80	67	10	160	
40	25	83	75	10	163	
50	25	85	85	10	165	
65	25	95	105	12	175	
80	30	105	120	12	185	
100	30	115	140	12	195	
125	35	135	170	12	225	
150	40	150	195	15	240	
175	40	165	225	15	255	
200	40	175	255	15	265	
225	40	185	280	15	275	
250	40	220	310	15	320	
300	45	240	360	20	340	
350	45	290	415	25	420	
400	50	335	465	30	465	
450	50	360	520	30	490	
500	55	400	570	30	530	
550	60	420	620	30	550	
600	65	460	675	30	475	
700	70	495	780	35	625	
800	75	545	880	40	675	
900	80	600	980	40	730	
1000	90	670	1080	45	800	
1100	90	730	1180	45	860	
1200	90	790	1295	45	920	
1400	*1	920	1510	*1	1050	
1600	*1	1010	1710	*1	1140	
1800	*1	1120	1920	*1	1250	
2000	*1	1230	2130	*1	1360	

*1= Depending on design

Subject to change without notice

Butterfly Valves

GD-6 with fine adjustment SFD-6 – Dimensions/weights



The weights refer to the valves in standard design.

DN	B	C	D	d	G	H	[kg]
15	25	60	44	8	100	135	
20	25	60	44	8	100	135	
25	25	75	60	10	100	150	
32	25	80	67	10	100	155	
40	25	83	75	10	100	158	
50	25	85	85	10	100	160	
65	25	95	105	12	120	165	
80	30	105	120	12	120	175	
100	30	115	140	12	120	185	
125	35	135	170	12	145	215	
150	40	150	195	15	145	225	
175	40	165	225	15	145	240	
200	40	175	255	15	145	250	
225	40	185	280	15	145	260	
250	40	220	310	15	155	305	
300	45	240	360	20	155	325	
350	45	290	415	25	210	405	
400	50	335	465	30	210	450	
450	50	360	520	30	210	475	
500	55	400	570	30	210	515	
550	60	420	620	30	210	535	
600	65	460	675	30	210	460	
700	70	495	780	35	*2	*3	
800	75	545	880	40	*2	*3	
900	80	600	980	40	*2	*3	
1000	90	670	1080	45	*2	*3	
1100	90	730	1180	45	*2	*3	
1200	90	790	1295	45	*2	*3	
1400	*1	920	1510	*1	*2	*3	
1600	*1	1010	1710	*1	*2	*3	
1800	*1	1120	1920	*1	*2	*3	
2000	*1	1230	2130	*1	*2	*3	

*1= Depending on design

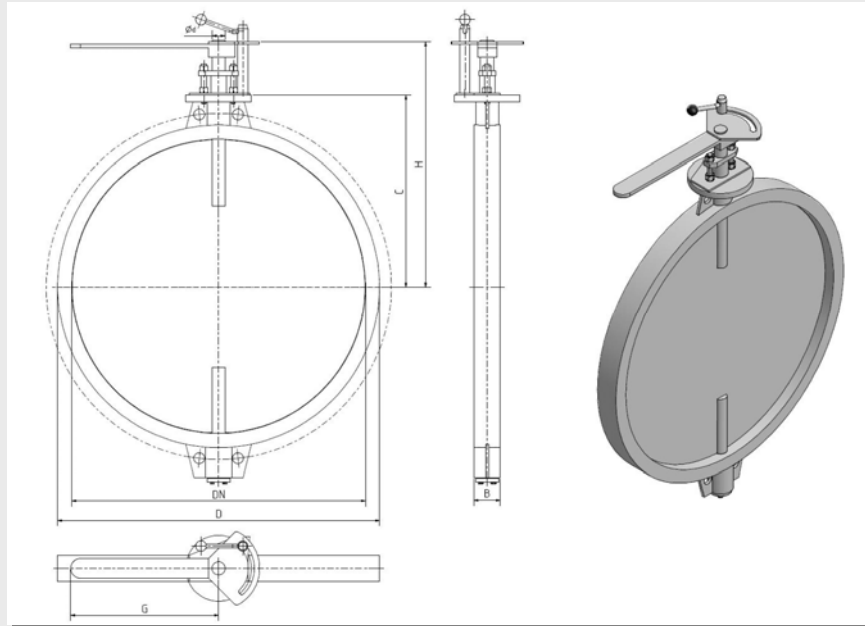
*2= With fine adjustment RDST-32 or worm gear

*3= See Type RDST-32

Subject to change without notice

Butterfly Valves

GD-6 with fine adjustment RDST-32 – Dimensions/weights



The weights refer to the valves in standard design.

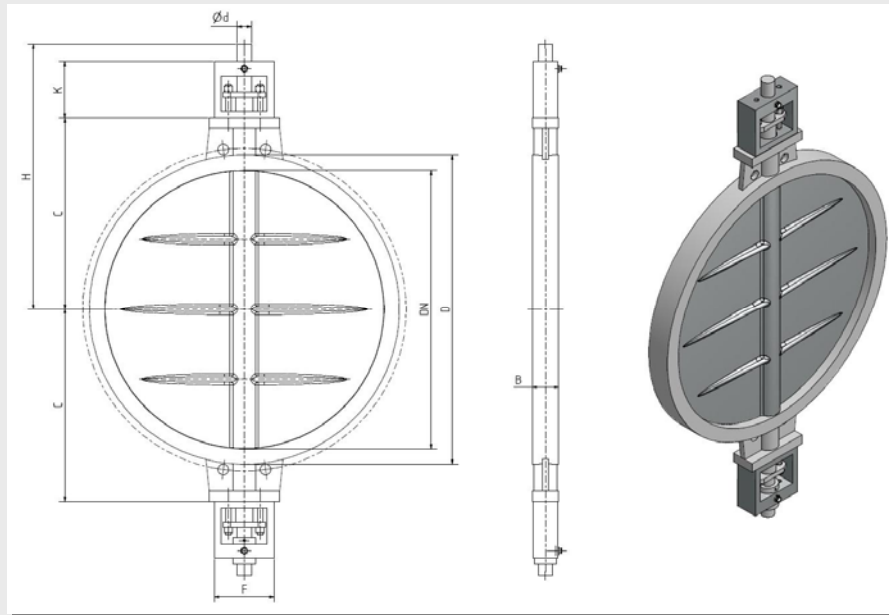
DN	B	C	D	d	G	H	[kg]
15	25	60	44	8	255	165	
20	25	60	44	8	255	165	
25	25	75	60	10	255	180	
32	25	80	67	10	255	185	
40	25	83	75	10	255	188	
50	25	85	85	10	255	190	
65	25	95	105	12	255	200	
80	30	105	120	12	255	210	
100	30	115	140	12	255	220	
125	35	135	170	12	255	240	
150	40	150	195	15	255	255	
175	40	165	225	15	255	270	
200	40	175	255	15	255	280	
225	40	185	280	15	255	290	
250	40	220	310	15	255	325	
300	45	240	360	20	290	365	
350	45	290	415	25	290	420	
400	50	335	465	30	290	465	
450	50	360	520	30	290	490	
500	55	400	570	30	290	530	
550	60	420	620	30	290	550	
600	65	460	675	30	290	590	
700	70	495	780	35	400	657	
800	75	545	880	40	400	707	
900	80	600	980	40	400	762	
1000	90	670	1080	45	400	832	
1100	90	730	1180	45	400	892	
1200	90	790	1295	45	400	952	
1400	*1	920	1510	*1	Getriebe	1082	
1600	*1	1010	1710	*1	Getriebe	1172	
1800	*1	1120	1920	*1	Getriebe	1282	
2000	*1	1230	2130	*1	Getriebe	1392	

*1= Depending on design

Subject to change without notice

Butterfly Valves

GD-6 LB with external bearings – Abmessungen/Gewichte



The weights refer to the valves in standard design.

DN	B	C	D	d	K	H	[kg]
25	25	75	60	10	160	315	
32	25	80	67	10	160	320	
40	25	83	75	10	160	323	
50	25	85	85	10	160	325	
65	25	95	105	12	160	335	
80	30	105	120	12	160	345	
100	30	115	140	12	160	355	
125	35	135	170	12	160	385	
150	40	150	195	15	160	400	
175	40	165	225	15	160	415	
200	40	175	255	15	160	425	
225	40	185	280	15	160	435	
250	40	220	310	15	160	480	
300	45	240	360	20	160	500	
350	45	290	415	25	160	580	
400	50	335	465	30	160	625	
450	50	360	520	30	160	650	
500	55	400	570	30	160	690	
550	60	420	620	30	160	710	
600	65	460	675	30	160	635	
700	70	495	780	35	160	785	
800	75	545	880	40	160	835	
900	80	600	980	40	160	890	
1000	90	670	1080	45	160	960	
1100	90	730	1180	45	160	1020	
1200	90	790	1295	45	160	1080	
1400	*1	920	1510	*1	160	1210	
1600	*1	1010	1710	*1	160	1300	
1800	*1	1120	1920	*1	160	1410	
2000	*1	1230	2130	*1	160	1520	

*1= Depending on design

Subject to change without notice