

## Type LDK-1 – Standard design



### General:

JASTA's throttle valve Type LDK-1 is an intermediate flange connection and particularly suitable for ventilating systems according to DIN 24154 T2R2. It's frequently used in the fields of environment engineering, flue gas purification / desulphurisation as well as in the paper- and fabric industry.

Our valve LDK-1 stands out due to its compact and light-weight design without any deficiencies with regard to the high quality demands of a solid industrial connection system with a long life cycle.

### Fields of application:

Heat treatment, industrial drying, high temperature technology, control technology, furnaces, plant engineering, cupola- and melting furnaces, kilns, post-combustion furnaces, paper industry, fabric industry, automotive industry etc.

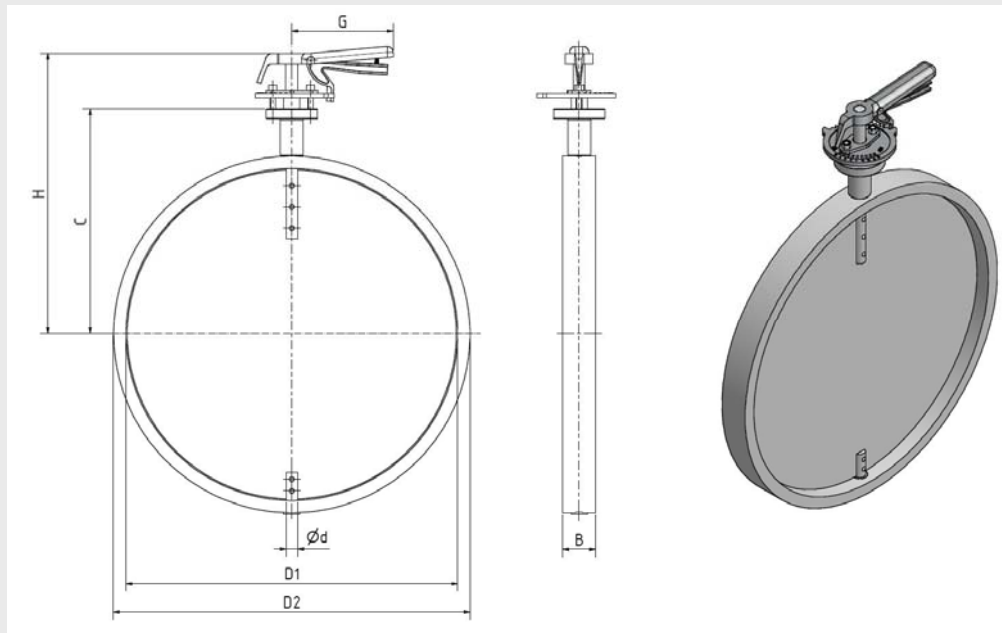
### Specification (standard design)

Customized solutions and modifications are available. Please enquire separate.

DN	63 up to 2000
Type	Wafer-type
DIN	24154 T2R2
Operation temperature	-40°C up to + 1000°C
Leakage rates	Ca. 2% to 0,05 % of Kv 90°
Actuation modes	Electric, pneumatic, hydraulic, and manual
Material combinations	Cast/steel/stainless steel
Connection flange	Possible according to DIN 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 for the air technology

### Type LDK-1 – Dimension/weights



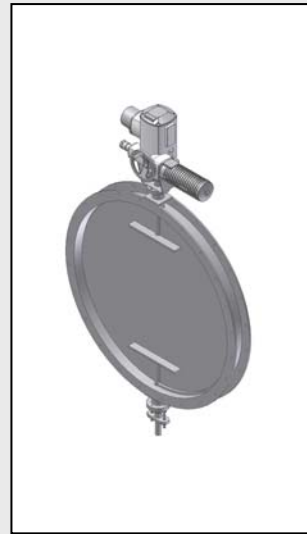
The weights refer to the valves in standard design.

DN	B	C	D1	D2	d	H	G	[kg]
63	25	90	57	85	10	160	100	
71	25	95	67	105	10	165	100	
80	25	100	76	105	10	170	100	
90	25	110	89	120	12	180	120	
100	25	115	100	129	12	185	120	
112	30	121	111	140	12	191	120	
125	35	125	123	145	12	195	120	
140	35	140	138	168	15	215	145	
150	40	145	146	179	15	220	145	
160	40	145	155	185	15	220	145	
180	40	155	174	206	15	230	145	
200	40	165	196	225	15	240	145	
224	40	175	220	280	15	250	145	
250	40	200	247	275	15	275	145	
280	40	225	280	320	15	300	145	
300	45	254	297	338	20	339	155	
315	45	245	312	350	20	330	155	
355	45	265	353	392	20	350	155	
400	50	285	394	425	20	370	155	
450	50	310	445	485	20	395	155	
500	50	340	497	530	20	425	155	
560	60	380	555	610	20	465	155	
600	60	425	595	650	25	540	210	
630	60	420	625	680	25	535	210	
710	70	480	707	760	25	595	210	
800	80	522	795	845	25	637	210	
900	100	590	890	942	30	705	210	
1000	100	645	999	1050	30	760	210	

Dimensions referred to design „without landing bar“ or with  
“landing bar” – operating temperature 350°C.

Subject to change without any notice

## Type LDK-4 – Standard design



### General:

JASTA's throttle valve Type LDK-4 is a flange connection and especially suitable for ventilating systems according to DIN 24154 T2R2. It's frequently used in the fields of environment engineering, flue gas purification / desulphurisation as well as in the paper- and fabric industry. Thanks to the diversity of available materials, this valve can be employed in almost all media and industry sectors. The distinctive features of our valve LDK-4 are its compact and light-weight design without any deficiencies with regard to the high quality demands of a solid industrial connection system with a long life cycle.

### Fields of application:

Heat treatment, industrial drying, high temperature technology, control technology, furnaces, plant engineering, cupola- and melting furnaces, kilns, post-combustion furnaces, paper industry, fabric industry, automotive industry etc.

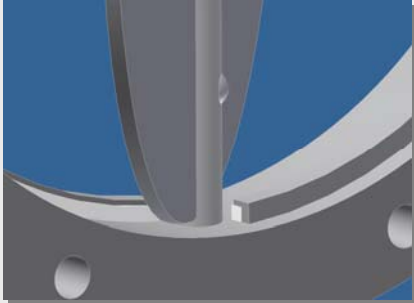
### Specification (standard design)

Customized solutions and modifications are available. Please enquire separate.

DN	63 up to 3000
Type	Flange design
DIN	24154 T2R2
Operation temperature	-40°C up to + 1000°C
Leakage rates	Ca. 2% to 0,05 % of Kv 90°
Actuation modes	Electric, pneumatic, hydraulic, and manual
Material combinations	Steel/stainless steel
Connection flange	Possible according to DIN 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

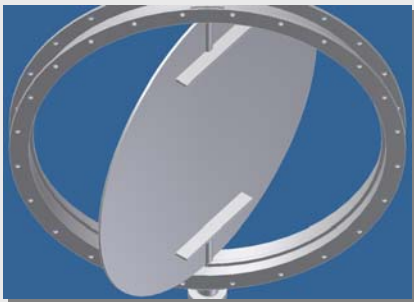
## LDK-4 – Sealing modes

### With landing bar and flexible sealing coated on 3 sides



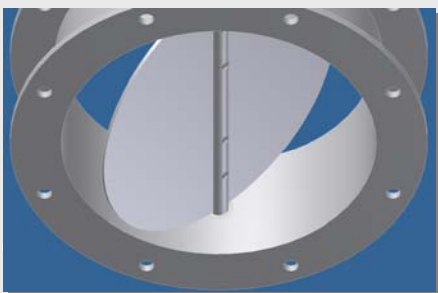
With landing bar and flexible sealing coated on 3 sides.  
Leakage rate: Approx. 0,05 to 0,02 % of Kv 90° - depending on design

### With landing bar



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

### Without landing bar

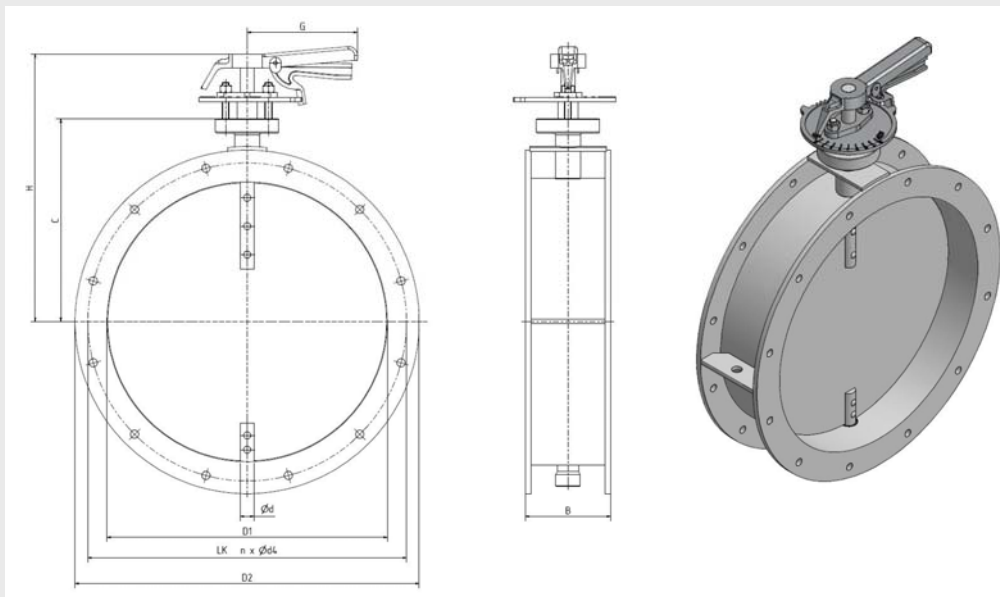


Mögli

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

# Butterfly Valves for the air technology

## Type LDK-4 – Dimension/weights



The weights refer to the valves in standard design.

DN	B	C	D1	D2	d	H	G	Loch Anzahl und LK	Loch d	Flansch b	[kg]
63	100	108	58	128	15	145	145	4 x 102	9,5	30 x 6	
71	100	111	64	133	15	145	145	4 x 110	9,5	30 x 6	
80	100	115	72	142	15	145	145	4 x 118	9,5	30 x 6	
90	100	120	82	152	15	145	145	4 x 128	9,5	30 x 6	
100	100	125	92	162	15	145	145	4 x 139	9,5	30 x 6	
112	100	131	104	174	15	145	145	4 x 151	9,5	30 x 6	
125	100	138	118	187	15	145	145	4 x 165	9,5	30 x 6	
140	100	145	132	212	15	145	145	8 x 182	11,5	35 x 6	
150	100	151	143	222	15	145	145	8 x 191	11,5	35 x 6	
160	100	155	152	232	15	145	145	8 x 200	11,5	35 x 6	
180	100	165	172	252	15	145	145	8 x 219	11,5	35 x 6	
200	100	176	194	273	15	145	145	8 x 241	11,5	35 x 6	
224	100	188	218	297	15	145	145	8 x 265	11,5	35 x 6	
250	100	201	244	323	15	145	145	8 x 292	11,5	35 x 6	
280	100	216	274	363	15	145	145	8 x 332	11,5	40 x 8	
300	100	236	293	383	20	155	155	8 x 349	11,5	40 x 8	
315	100	243	308	398	20	155	155	8 x 366	11,5	40 x 8	
355	100	263	348	438	20	155	155	8 x 405	11,5	40 x 8	
400	100	286	394	484	20	155	155	12 x 448	11,5	40 x 8	
450	100	311	444	534	20	155	155	12 x 497	11,5	40 x 8	
500	100	336	494	584	20	155	155	12 x 551	11,5	40 x 8	
560	100	366	554	664	20	155	155	16 x 629	14	50 x 8	
600	100	401	595	705	25	210	210	16 x 665	14	50 x 8	
630	100	416	624	734	25	210	210	16 x 698	14	50 x 8	
710	100	456	704	814	25	210	210	16 x 775	14	50 x 8	
800	100	501	794	904	25	210	210	24 x 861	14	50 x 8	
900	100	571	894	1004	30	210	210	24 x 958	14	50 x 8	
1000	100	622	996	1105	30	210	210	24 x 1067	14	50 x 8	
1120	140	719	1115	1245	40	><	><	32 x 1200	18	60 x 10	
1250	140	784	1245	1375	40	><	><	32 x 1337	18	60 x 10	
1400	140	859	1395	1525	40	><	><	32 x 1475	18	60 x 10	
1600	140	959	1595	1725	40	><	><	40 x 1675	18	60 x 10	
1800	140	1059	1795	1925	40	><	><	40 x 1875	18	60 x 10	
2000	140	1159	1995	2125	40	><	><	40 x 2073	18	60 x 10	

Dimensions referred to design „without landing bar“ or with  
“landing bar” – operating temperature 350°C.

Subject to change without any notice