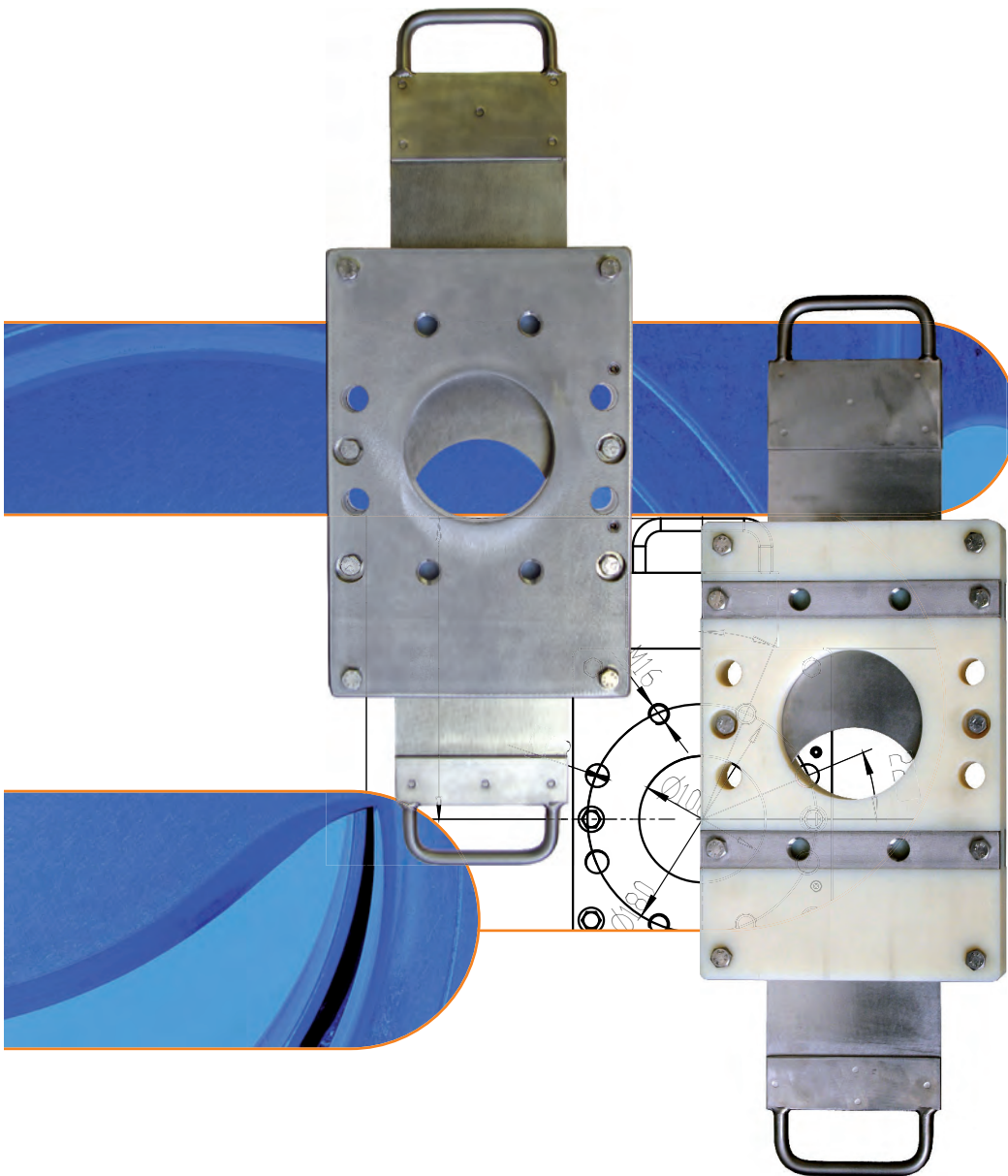


Valves of stainless steel

Shut-off-Valves

for bulk materials
in lightweight construction

CPD



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Applications



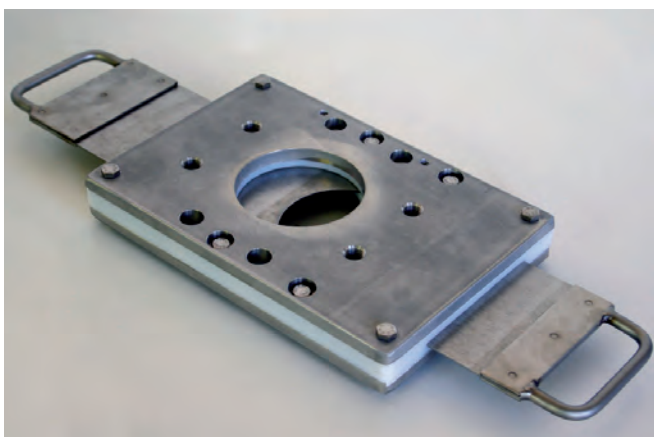
Chemical industry

LOHSE-COMPACT-bulk material valves have proved their value and reliability in all branches of chemical industries. The type is suitable for shut-off of bulk material.



Food industry and pharmaceutical industrie

LOHSE-COMPACT-valves are used as shut-off-valves for granual media.



Construction

Housing

- stainless steel - absolutely dimensionally stable
or
PE (Light-Version)
- corrosion and acid resistant
- light
- easy to maintain

Slide cups PE

- abrasion resistant
- excellent anti-friction proppe
- temperature and acid resistant
- easily replaceable

Valve plate stainless steel

- almost no dead space when open

Bore cross section = nominal diameter of piping

- blockage-free
- no stringing of fibres is possible

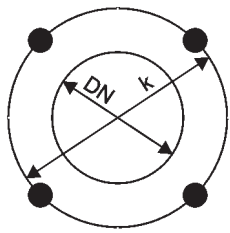
Actuator variants

- handle
- pneumatic cylinder
- electric actuator

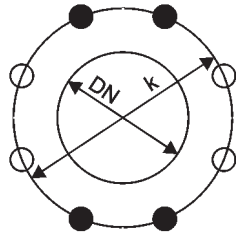
Materials

- housing
 - normal version: 1.4307
 - light version: PE / 1.4307
- valve plate 1.4571
- slide cups PE
- scraper Filz
- handle 1.4301
- screws / nuts A2
- max. operating pressure 2 bar
- max. operating temperature 80° C

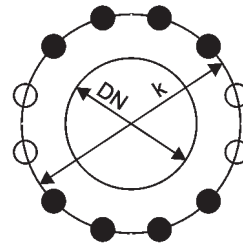
Flange bores for LOHSE COMPACT-valves according to DIN EN 1092-1, PN 10



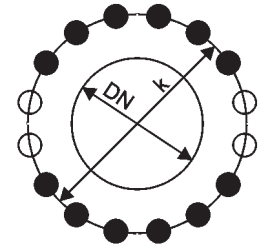
DN 50-65



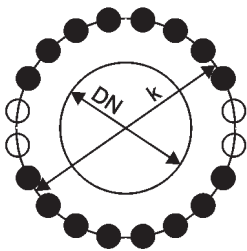
DN 80-200



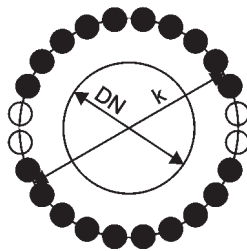
DN 250-300



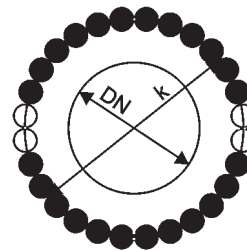
DN 350-400



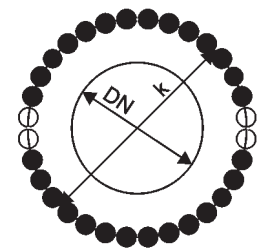
DN 450-600



DN 700-800

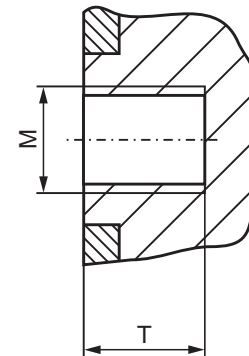


DN 900-1000



DN 1100-1200

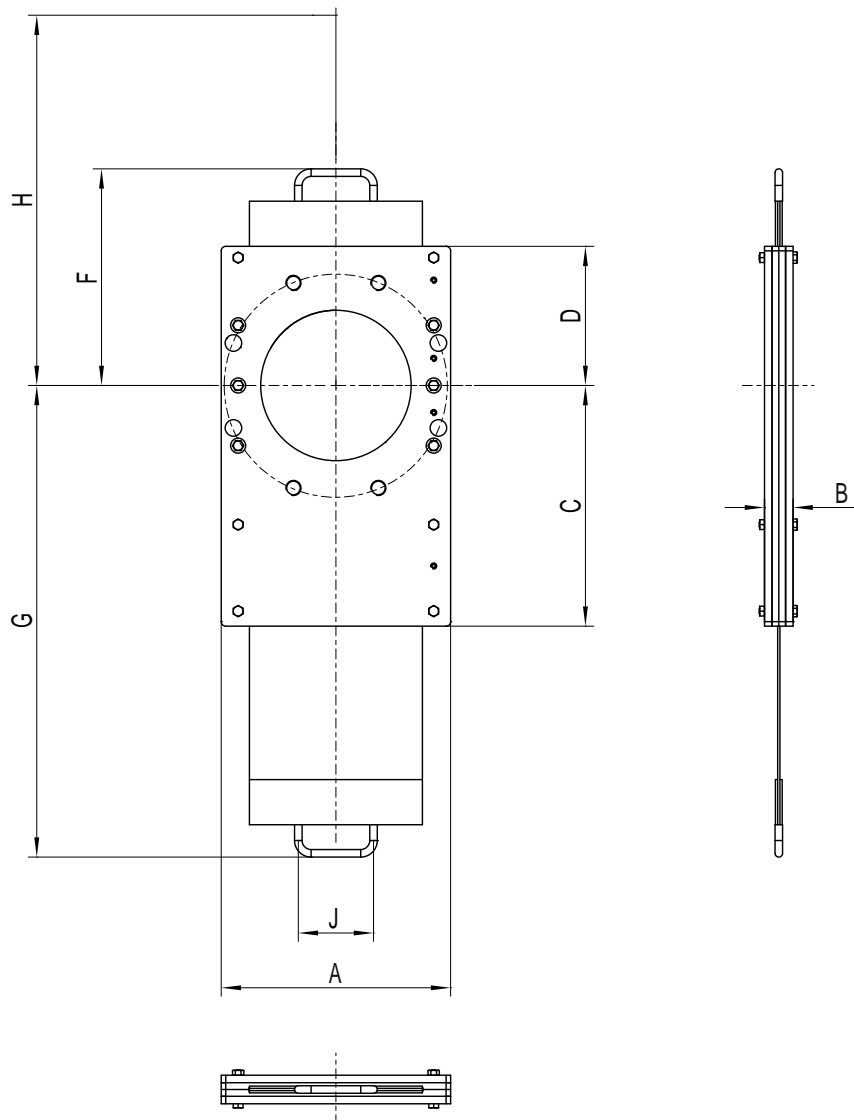
DN [mm]	K [mm]	Z	M	T [mm]	Z1	Z2
50	125	4	M16	12	4	-
65	145	4	M16	12	4	-
80	160	8	M16	12	4	4
100	180	8	M16	12	4	4
125	210	8	M16	12	4	4
150	240	8	M20	16	4	4
200	295	8	M20	16	4	4
250	350	12	M20	20	8	4
300	400	12	M20	20	8	4
350	460	16	M20	20	12	4
400	515	16	M24	23	12	4
450	565	20	M24	30	16	4
500	620	20	M24	30	16	4
600	725	20	M27	35	16	4
700	840	24	M27	40	20	4
800	950	24	M30	45	20	4
900	1050	28	M30	45	24	4
1000	1160	28	M33	45	24	4
1100	1270	32	M33	50	28	4
1200	1380	32	M36	55	28	4



Z = total number of holes
 Z1 = number of joint-holes
 Z2 = number of through-going bores
 T = usable depth of thread

COMPACT-bulk material valve with through-going valve plate handle

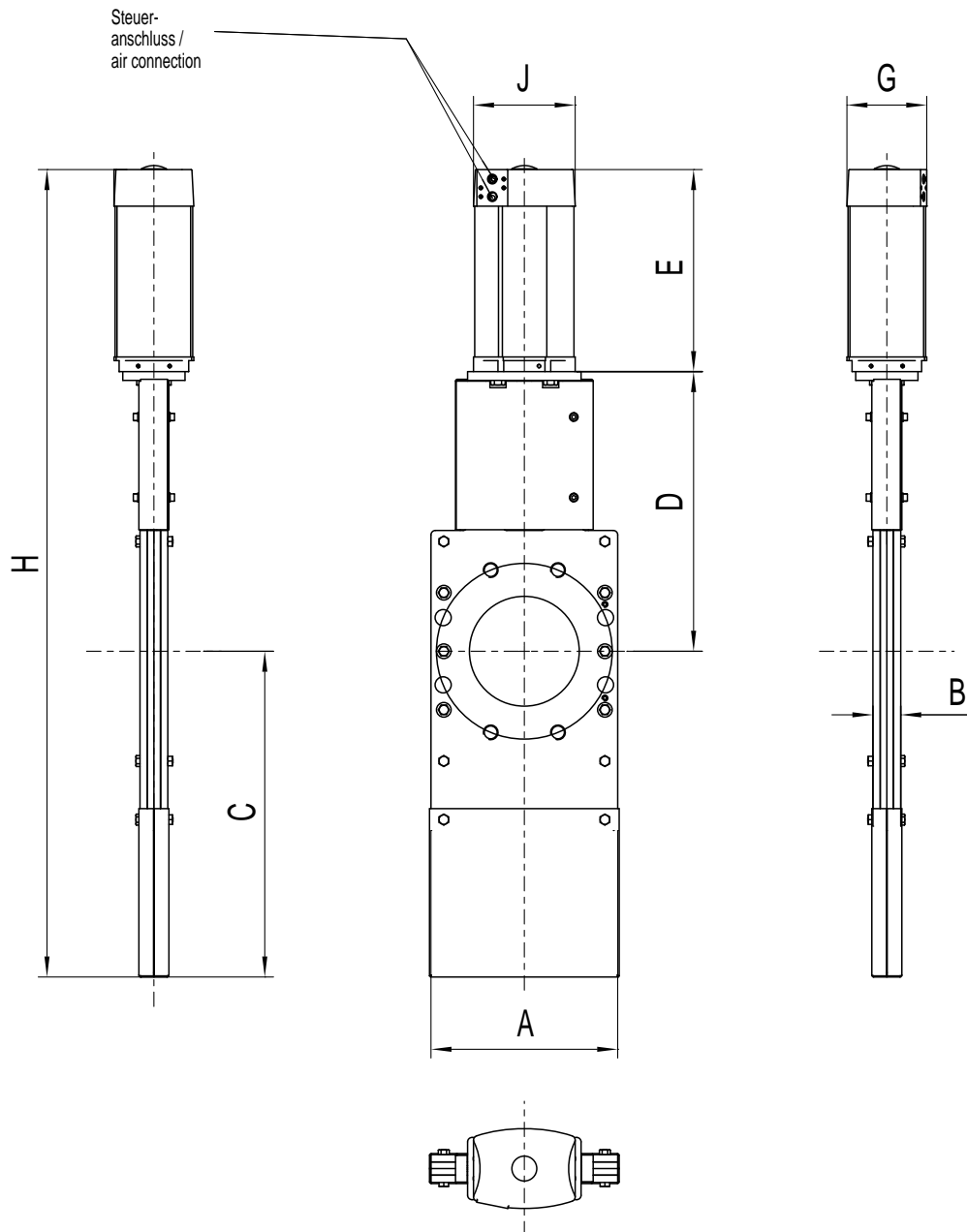
CPDBG light same sizes



DN	PS [bar]	A	B	C	D	F	G	H max.	J	weight ~[kg]
100	2	205	36	170	135	238	352	342	100	10.7
150	2	255	38	245	165	248	482	402	100	17.1
200	2	305	38	320	185	288	627	492	100	25.7
250	2	380	38	400	210	313	757	567	100	39.9
300	2	430	42	475	235	338	882	642	100	53.9
350	2	480	56	550	290	392	1006	456	100	85.7
400	2	540	68	635	380	521	1186	931	125	169.2

Dimensions in mm, fl ange dimensions to DIN EN 1092-1, PN 10.
Further sizes on request.

COMPACT-bulk material valve with through-going valve plate
pneumatic-cylinder and protection guard



DN	PS [bar]	A	B	C	D	E	G	H	J	cyl Ø	air connection	control pressure [bar]	weight ~[kg]
100	2	205	39	315	307	240	118	862	139	100	1/4"	6	21.4
150	2	255	38	445	382	276	118	1103	139	100	1/4"	6	28.3
200	2	308	38	600	485	347	145	1432	165	125	1/4"	6	47.1
300	2	435	42	805	635	460	178	1945	204	160	1/4"	6	87.6

Dimensions in mm, flange dimensions to DIN EN 1092-1, PN 10
air connection acc. VDI/VDE 3845 (NAMUR).
Further sizes on request.

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