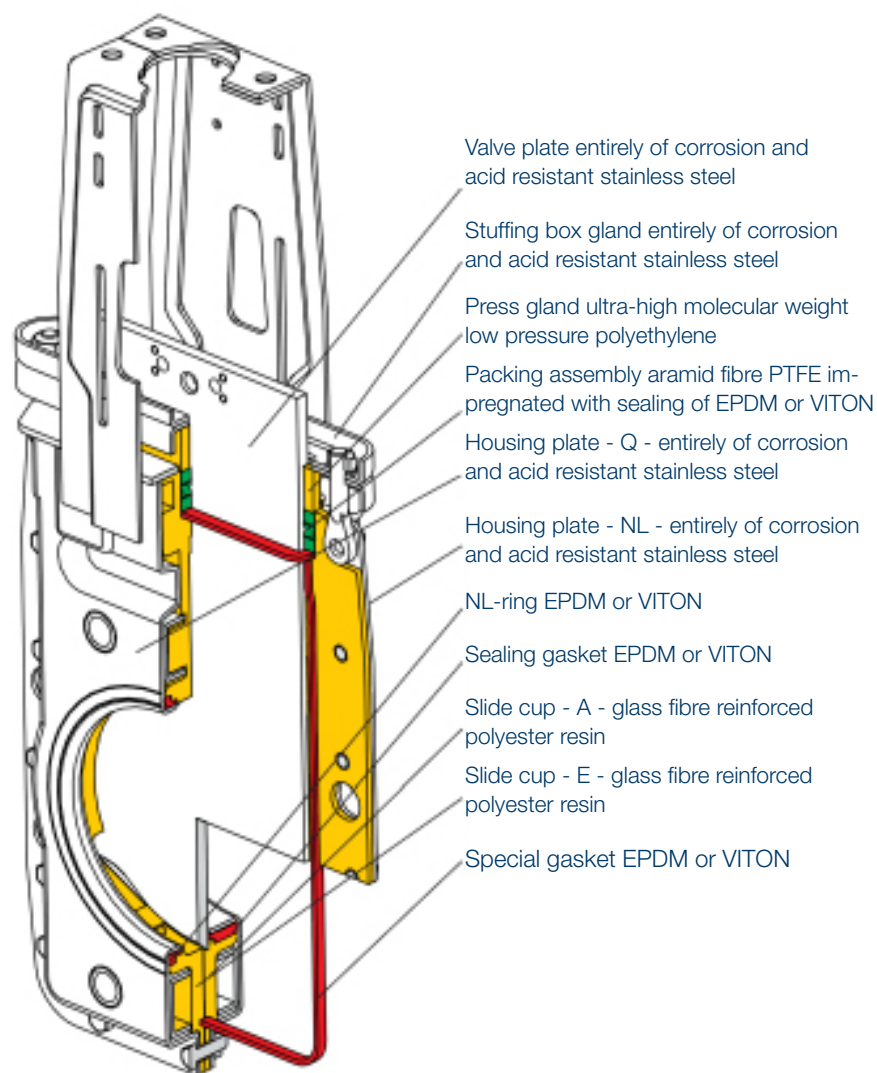


KNIFE GATE VALVES

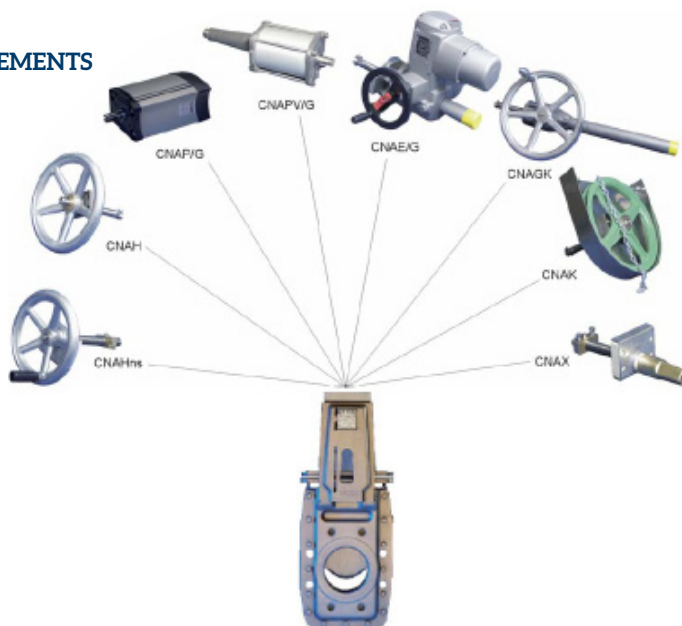
Shut-off valve
LOHSE CNA, DN50 - 400



PARTS

Part	Material
Housing	
DN50 - 250	1.4404
DN300 - 600	1.4541
DN700 - 1000	1.4571
Flanging ring	
DN300 - 1000	1.4571
Valve plate	
Slide cups	
DN50 - 250	GRP
DN300 - 600	PP
Sealing	
Slide parts	
DN700 - 1000	CUSn6 / CuAL 10 Ni
Stuffing box gland	
DN50 - 150	1.4301
DN200 - 450	1.4541
DN500 - 600	1.4301
DN700 - 1000	1.4571
Packing	Aramid fiber impregnated with PTFE
P-ring	EPDM, VITON or NBR
Press gland	
DN50 - 150	PE-HMW (RCH 500)
Bracket	1.4301
Screws / nuts	A2

OPERATING ELEMENTS

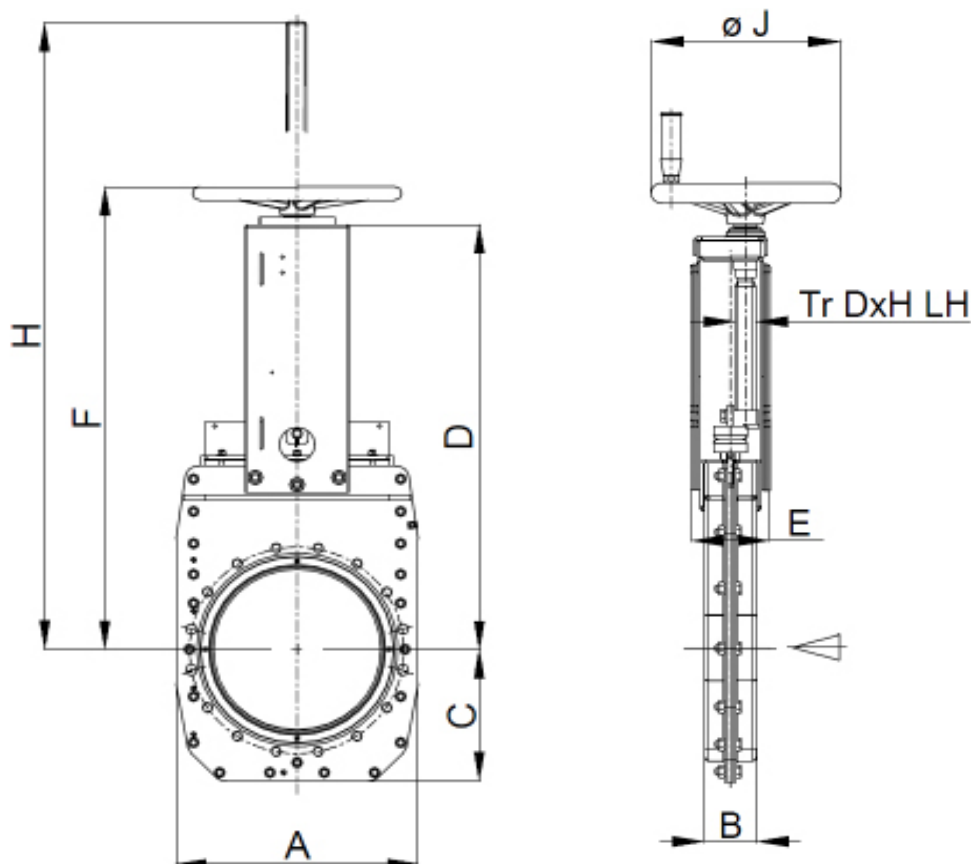


OPTIONS

CNAHns	Non-rising stem
CNAH	Rising stem
CNAP/G	Pneumatic cylinder and protection guard
CNAPV/G	Pneumatic cylinder and variable stroke limiter
CNAE/G	Electronic drive and protection guard
CNAGK	Bevel gear box and handwheel
CNAK	Sprocket drive
CNAX	Square head

KNIFE GATE VALVES

Shut-off valve
LOHSE CNA, DN50 - 400



DIMENSIONS AND WEIGHTS

DN	PN	A	B	C	D	E	H		Øj	Tr D x H LH	kg	
							CNAHns	CANH			CNAHns	CNAH
50	8	185	42	100	313	78	478	425	225	20 x 4	9	8,3
65	8	185	42	100	313	78	478	440	225	20 x 4	9	8,8
80	8	175	52	125	313	78	478	455	225	20 x 4	9	9,1
100*	8	210	50	135	368	94	539	540	280	24 x 5	13	13,5
125*	8	230	52	145	413	94	584	610	280	24 x 5	15	15,3
150*	8	255	62	160	468	94	639	690	280	24 x 5	18	18,4
200	8	328	60	189	557	143	739	840	360	30 x 6	39	39
250	8	400	68	230	668	166	850	995	360	30 x 6	55	55
300	6	450	72	260	764	170		1145	360	30 x 6	68	93
350	6	510	72	290	907	190		1355	500	36 x 6		101
400	6	575	90	326	1059	190		1555	500	36 x 6		174
450	4	630	110	315	1200	208		1760	500	36 x 6		258
500	4	700	110	350	1265	228		197	500	36 x 6		263
600	4	810	130	405	1495	268		2205	640	44 x 7		472
700	2,5	960	151	480	1756	307		2610	800	44 x 7		1060
800	2,5	1060	151	530	1976	307		2930	800	44 x 7		1262

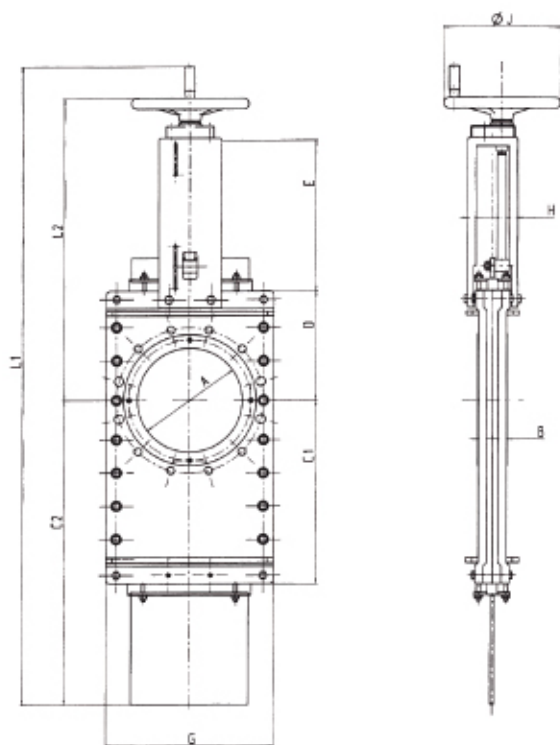
* Opening DN - 3mm, full opening on request.

Flange dimensions according to DIN EN 1092-1, PN 10 standard.

Further sizes on request.

KNIFE GATE VALVES

Shut-off valves
LOHSE CDS, DN50 - 400

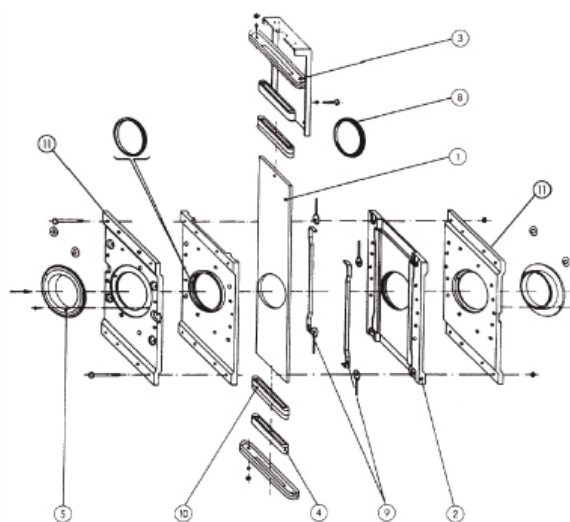


ACTUATORS:

The valve can be equipped with manual, electric, pneumatic or hydraulic actuators.

PARTS

No.	Part	Material
1	Gate	1.4401
2	Slide cup	PA6G natur
3	Stuffing box gland	1.4401
4	Press gland	GFK
5	Flanging ring	1.4571
8	NL-ring	EPDM
9	Cord	EPDM
10	Packing	Unichem/EPDM
11	Body	1.4404 (316L)



FIELDS OF APPLICATION:

Gas, air, powder-like substances, fluids, pulp, lye etc.

DIMENSIONS AND WEIGHTS

DN	PN	A	B	C1	C2	D	E	G	H	L1	L2	ØJ	kg
50	8	50	40	125	210	125	160	160	85	658	365	180	13,0
65	8	65	40	140	235	140	160	160	85	698	380	180	13,5
80	8	80	50	160	260	145	176	185	85	744	401	180	17,5
100	8	100	50	190	325	155	210	205	96	859	451	225	25,0
125	8	125	50	230	380	170	235	235	96	954	491	225	30,5
150	8	150	60	265	455	185	270	255	96	1079	541	225	40,0
200	8	200	60	355	605	222	315	325	120	1358	647	280	69,0
250	8	250	70	440	730	263	368	400	120	1577	742	280	116,0
300	6	300	70	505	863	300	427	430	120	1812	844	360	144,5
350	6	350	70	580	1010	340	490	490	160	2034	919	360	194,5
400	6	400	90	655	1130	370	566	566	160	2261	1026	360	263,0

Model DS sizes DN500 - 1000 on request