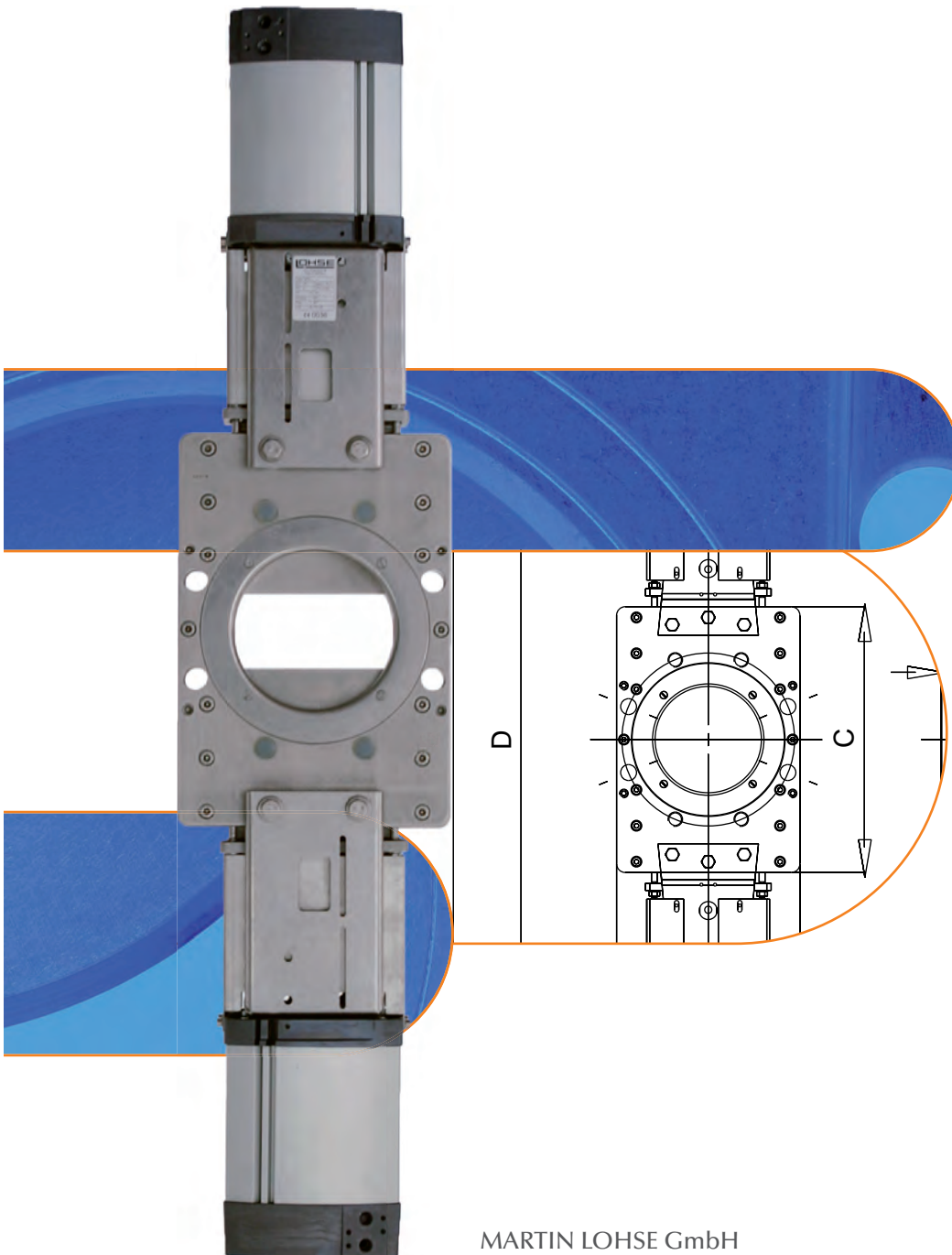


Valves of stainless steel

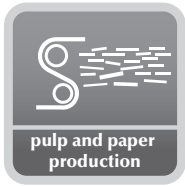
# Reject-Valves

## TAP/G



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server.ab@lohse-gmbh.de  
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## Applications



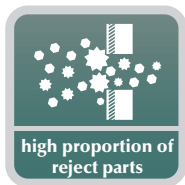
### General usage

- media with reject fraction (e.g. nails and staples)
- coarse-grained media
- granulates
- powders
- temperature range to 80 °C
- see table for permitted operating pressure

### Locations

- extraction devices for heavy soiling applications
- dumping and emptying devices for heavy soiling applications
- cleaning machines

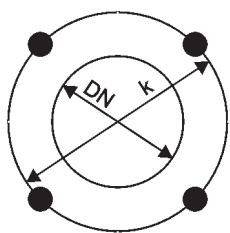
## Media



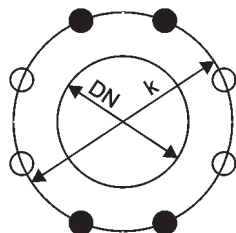
## Materials

- housing S355J2  
or  
1.4541
- flanging ring 1.4571
- valve plate 1.4571
- slide cups PE-UHMW (RCH1000)
- sealing EPDM
- stuffing box gland  
DN 100 – 500 1.4541  
DN 600 – 800 1.4301
- bracket S355 J2 (steel)  
or  
1.4541
- max. operating pressure  
DN 100 – 250 4 bar  
DN 300 – 800 2 bar
- max. operating temperature 80° C

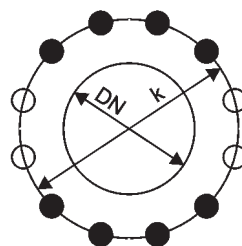
Flange bores for LOHSE TA-valves according to DIN EN 1092-1, PN 10



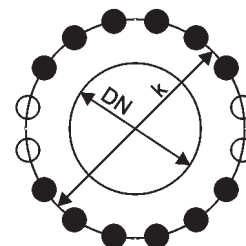
DN 50-65



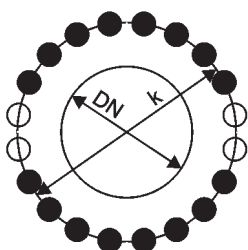
DN 80-200



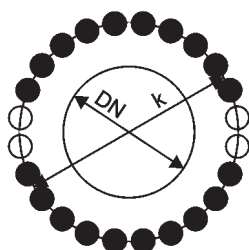
DN 250-300



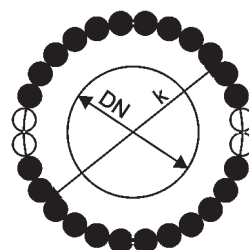
DN 350-400



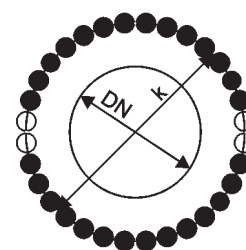
DN 450-600



DN 700-800

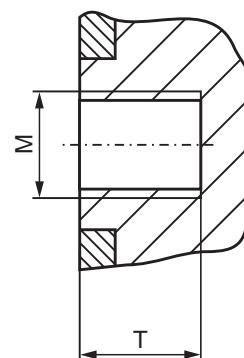


DN 900-1000



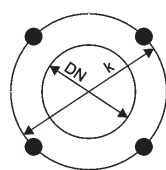
DN 1100-1200

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

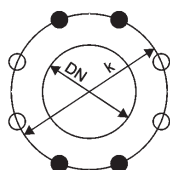


Z = total number of holes  
 Z1 = number of joint-holes  
 Z2 = number of through-going bores  
 T = usable depth of thread

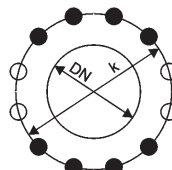
Flange bores for LOHSE TA-valves  
according to ANSI B 16.5 Class 150 (≥ DN 700: ANSI B 16.47 Class 150)



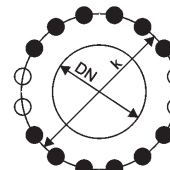
DN 50-80



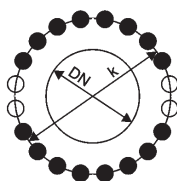
DN 100-200



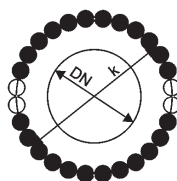
DN 250-350



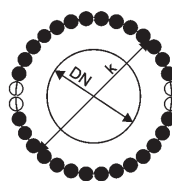
DN 400-450



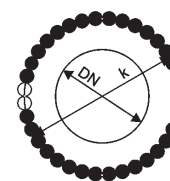
DN 500-600



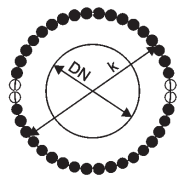
DN 700-800



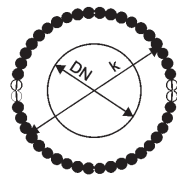
DN 900



DN 1000

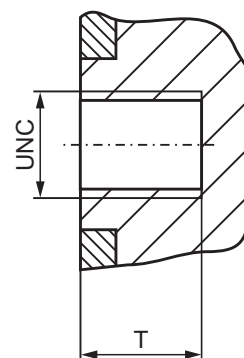


DN 1100



DN 1200

DN [mm]	DN [inch]	K [mm]	K [inch]	Z	UNC	T [mm]	T [inch]	Z1	Z2
50	2	120.6	4 3/4	4	5/8"-11	12	0.472	4	-
65	2.5	139.7	5 1/2	4	5/8"-11	12	0.472	4	-
80	3	152.4	6	4	5/8"-11	12	0.472	4	-
100	4	190.5	7 1/2	8	5/8"-11	12	0.472	4	4
125	5	215.9	8 1/2	8	3/4"-10	12	0.472	4	4
150	6	241.3	9 1/2	8	3/4"-10	16	0.630	4	4
200	8	298.5	11 3/4	8	3/4"-10	16	0.630	4	4
250	10	362	14 1/4	12	7/8"-9	20	0.787	8	4
300	12	431.8	17	12	7/8"-9	20	0.787	8	4
350	14	476.3	18 3/4	12	1"-8	20	0.787	8	4
400	16	539.8	21 1/4	16	1"-8	23	0.910	12	4
450	18	577.9	22 3/4	16	1 1/8"-7	30	1.181	12	4
500	20	635	25	20	1 1/8"-7	30	1.181	16	4
600	24	749.3	29 1/2	20	1 1/4"-7	35	1.378	16	4
700	28	863	34	28	1 1/4"-7	40	1.575	24	4
800	32	978	38 1/2	28	1 1/2"-6	45	1.772	24	4
900	36	1086	42 3/4	32	1 1/2"-6	45	1.772	28	4
1000	40	1200	47 1/4	36	1 1/2"-6	45	1.775	32	4
1100	44	1314	51 3/4	40	1 1/2"-6	50	1.969	36	4
1200	48	1422	56	44	1 1/2"-6	55	2.165	40	4

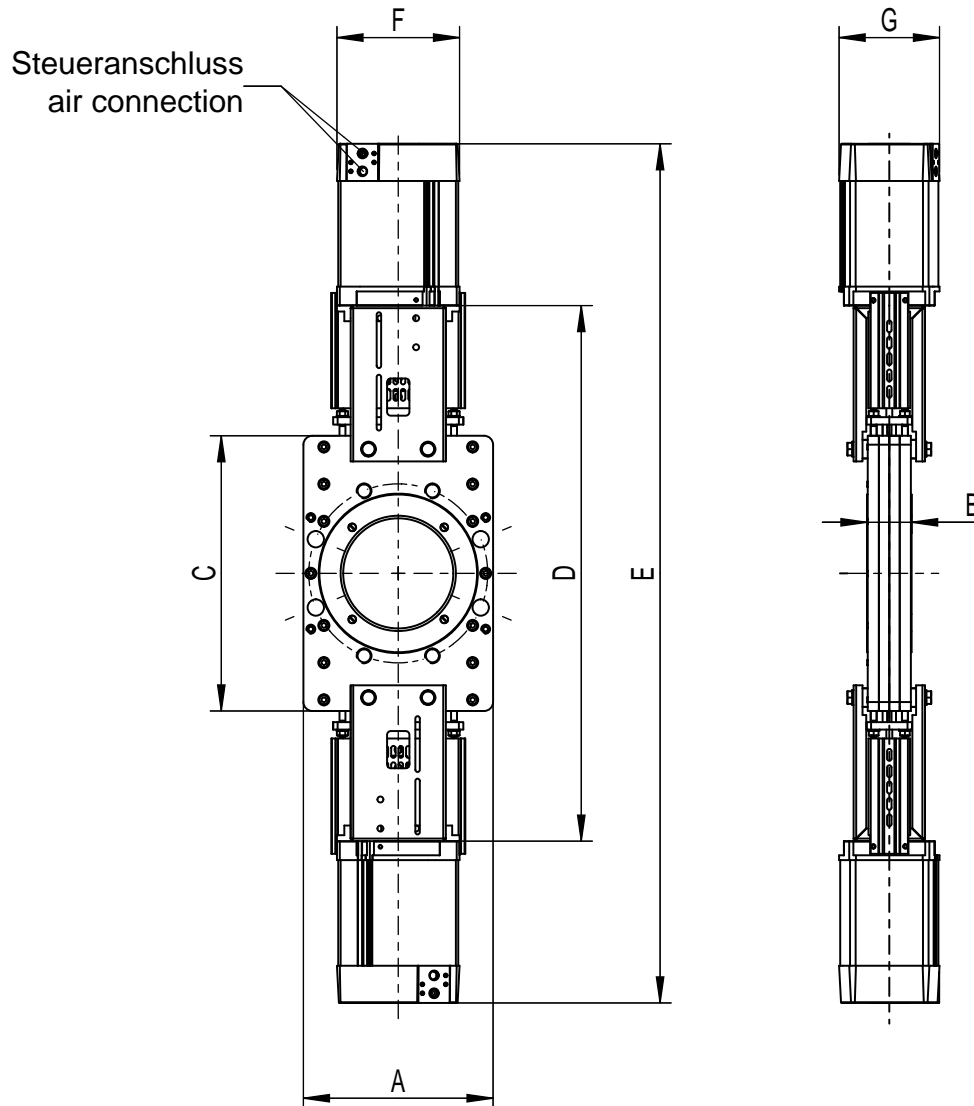


Z = total number of holes  
 Z1 = number of joint-holes  
 Z2 = number of through-going bores  
 T = usable depth of thread

## Reject-valve

two double-acting pneumatic cylinders and protection guard

Housing stainless steel or steel



DN	PS [bar]	A	B	C	D	E	F	G	cyl Ø	air connection	weight ~[kg]
100	4	200	50	300	590	969	165	145	125	G 1/4"	33,9
125	4	230	50	325	640	1043	165	145	125	G 1/4"	37,2
150	4	255	60	370	720	1182	204	178	160	G 1/4"	53,5
200	4	310	60	460	870	1414	244	215	200	G 1/2"	84,6
250	4	380	70	550	1020	1614	244	215	200	G 1/2"	120,3
300	2	430	70	600	1126	1810	283	242	230	G 1/2"	159,2

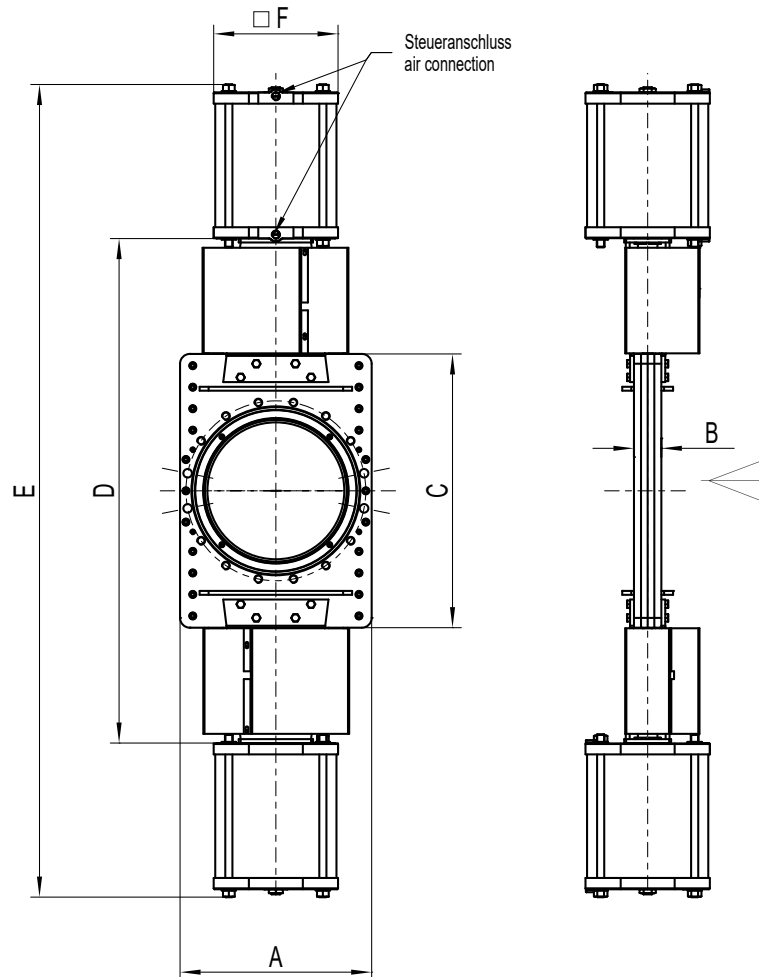
Mounting only in vertical flow direction. Higher operating pressures on request.

Dimensions in mm, flange bores to DIN EN 1092-1, PN 10 or ANSI B 16.5 class 150; air connection acc. VDI/VDE 3845 (NAMUR). Further sizes on request.

## Reject-valve

two double-acting pneumatic cylinders and protection guard

Housing stainless steel or steel



DN	PS [bar]	A	B	C	D	E	F	cyl Ø	air connection	weight ~[kg]
350	2	490	70	700	1290	2078	318	300	G 1/2"	
400	2	540	90	800	1578	2366	318	300	G 1/2"	300
450	2	600	110	900	1730	2574	318	300	G 1/2"	405
500	2	650	110	1100	2010	3060	425	400	G 3/4"	706
600	2	800	110	1300	2320	3482	425	400	G 1/2"	904
700	2	930	110	1500	2720	3974	425	400	G 3/4"	1370
800	2	1030	140	1750	3100	4382	645	500	G 3/4"	2335

Mounting only in vertical flow direction. Higher operating pressures on request.

Dimensions in mm, flange bores to DIN EN 1092-1, PN 10 or ANSI B 16.5 class 150 (≥ DN 700: ANSI B 16.47 class 150). Further sizes on request.

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