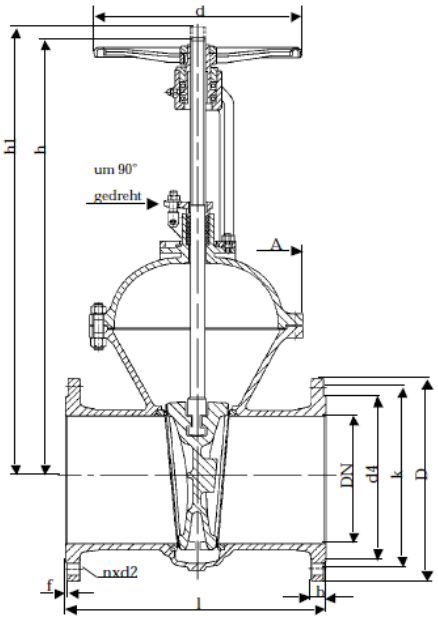
GATE VALVE PN40



APPLICATION

Stop valve for aggressive liquids, gas and steam. Not use for regulation.
DIN EN 1092 determines the admissible operating pressure, in relation to the temperature.

TECHNICAL DESCRIPTION

Gate valve, flat body in stainless steel with elastically wedge and casted guide strips, with outside rising stem. Body and wedge seats are made of ground material.
The gate valves are according to DIN 3352/10K2.

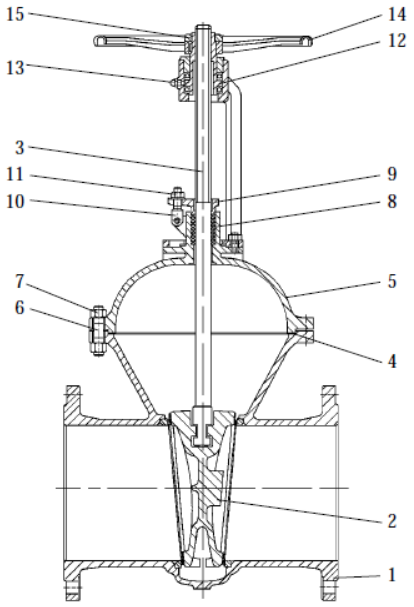
Max. working temperature:
-60°C up to +300°C

Max. working pressure:
up to 100°C…..... 32 bar
up to 200°C…..... 25 bar
up to 300°C…..... 21 bar

DN	D	k	d4	d	l	h	h1	A	n	d2	b	f	Sp Ø	Str.	kg
40	150	110	88	200	240	300	360	160	4	18	18	3	18x4	12	18,5
50	165	125	102	200	250	340	395	180	4	18	20	3	20x4	15	23,0
65	185	145	122	225	290	410	490	205	8	18	22	3	24x5	16,5	34,5
80	200	160	138	225	310	415	515	215	8	18	24	3	24x5	21	36,0
100	235	190	162	250	350	485	610	255	8	22	24	3	26x5	24,5	53,5
125	270	220	188	360	400	590	730	290	8	26	26	3	26x5	29,5	77,5
150	300	250	218	400	450	670	840	325	8	26	28	3	28x5	33,5	103,0
200	374	320	285	400	550	815	1030	400	12	30	34	3	32x6	36,5	172,5
250	450	385	345	500	650	965	1235	460	12	33	38	3	36x6	45,5	284,5
300	515	450	410	500	750	1155	1380	550	16	33	42	4	44x7	45	444

Lenght according to DIN EN 558-1, face to face series 26, flange to DIN EN 1092-1 FORM B1 PN40.

MATERIAL



Nr.	Designation	Material	DIN
1	body	GX5CrNiMo 19112	1.4408
2	wedge	GX5CrNiMo 19112	1.4408
3	stem	X6CrNiMoTi 17122	1.4571
4	gasket	graphite/metall	-
5	bonnet	GX5CrNiMo 19112	1.4408
6	stud bold	A4	976
7	hexagon nut	A4	934
8	packing	graphite	-
9	gland flange	GX5CrNiMo 19112	1.4408
10	hinged screw	A4	-
11	hexagon nut	A4	934
12	threaded bush	GJS-400-15	0.7040
13	lubricating nipple	-	3404
14	handwheel	GJS-400-15	0.7040
15	hexagon nut	X6CrNiTi 1810	1.4541

TESTING

The tests are carried out according to DIN EN 12266.
Solidity of body: nominal pressure (PN) x 1,5
Tightness of seat: nominal pressure (PN) x 1,1