

GATE VALVE PN16

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 3352/10A2.

Max. working temperature:

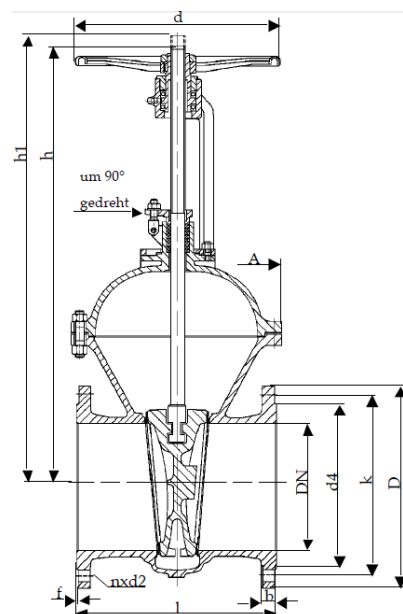
-60°C up to +300°C

Max. working pressure:

up to 100°C..... 13 bar

up to 200°C..... 10 bar

up to 300°C..... 8,5 bar

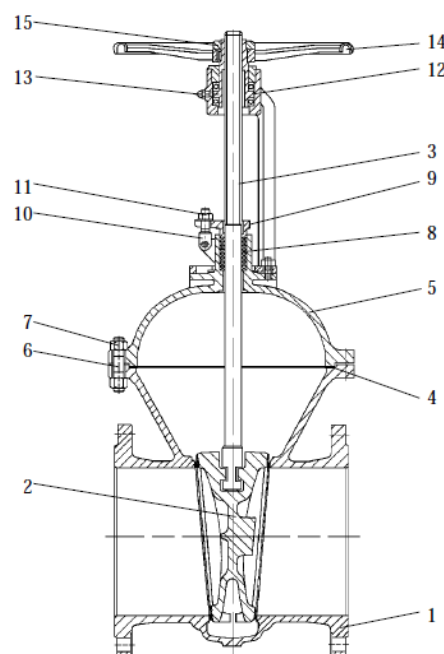


DN	D	k	d4	d	l	h	h1	A	n	d2	b	f	Sp Ø	Str.	kg
65	185	145	122	225	270	410	490	205	4	18	18	3	24x5	16,5	32,0
80	200	160	138	225	280	415	515	215	8	18	20	3	24x5	19,5	34,5
100	220	180	158	250	300	490	610	255	8	18	20	3	26x5	24,5	49,5
125	250	210	188	360	325	590	725	290	8	18	22	3	26x5	28	73,0
150	258	240	212	400	350	670	830	325	8	22	22	3	28x5	34	99,0
200	340	395	268	400	400	830	1050	375	12	22	24	3	32x6	36,5	151,0
250	405	355	320	450	450	955	1230	420	12	26	26	3	36x6	45,5	231,0
300	460	410	378	500	500	1145	1450	520	12	26	28	4	40x7	52,5	364

Lenght according to DIN EN 558-1, face to face series 15, flange to DIN EN 1092-1 FORM B1 PN16.

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