

GATE VALVES

FEATURES:

- Gate valve F4 and gate valve F5 available from **DN50 to DN600**.
- Flange dimensions according to UNE-EN 1092-2
- Distance between both flanges according to UNE-EN 558-1
- Body, cap and gate manufacturing in ductile iron EN-GJS-500-7 (equivalent to GGG50) according to UNE-EN 1563
- Gate coating manufacturing in EPDM and O-rings in NBR according to UNE-EN 681-1
- Stem manufacturing in stainless steel AISI 420 according to UNE-EN 10088-1
- Body, cap and handwheel with blue (RAL 5015) epoxy polyamide coating, average thickness 250 µm, according to UNE-EN 14901-1+A1
- Clockwise closure
- Low pressure drop
- **With ACS product certificate**



OPERATING CONDITIONS AND TESTS:

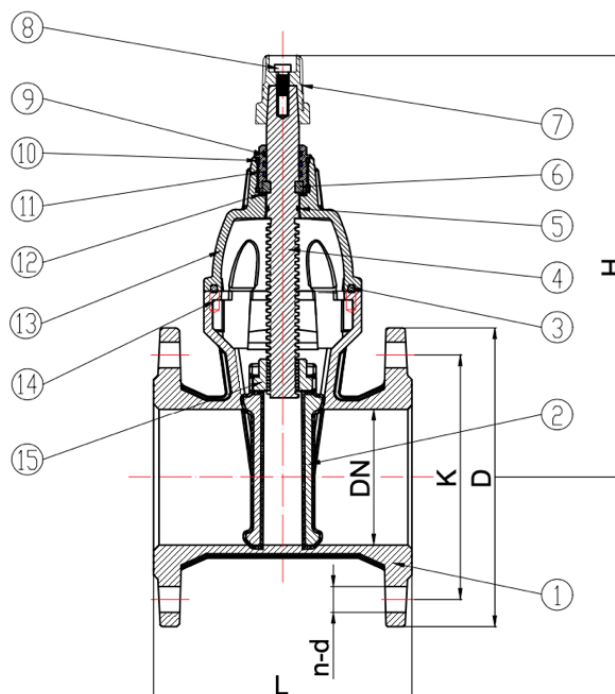
- Nominal pressure: PN16
- Operating temperature: $0^{\circ}\text{C} < T < 80^{\circ}\text{C}$
- Testing set carried out according to UNE-EN 1074 and UNE-EN 12266
- NSS neutral salt mist tests for high corrosion resistance according to ISO 3768



Drive can be carried out by a handwheel

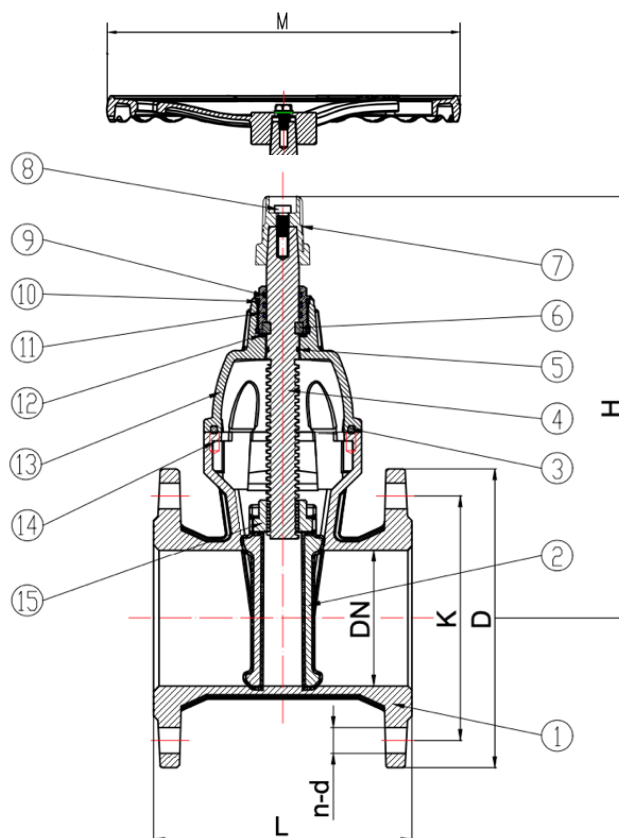


MATERIALS:



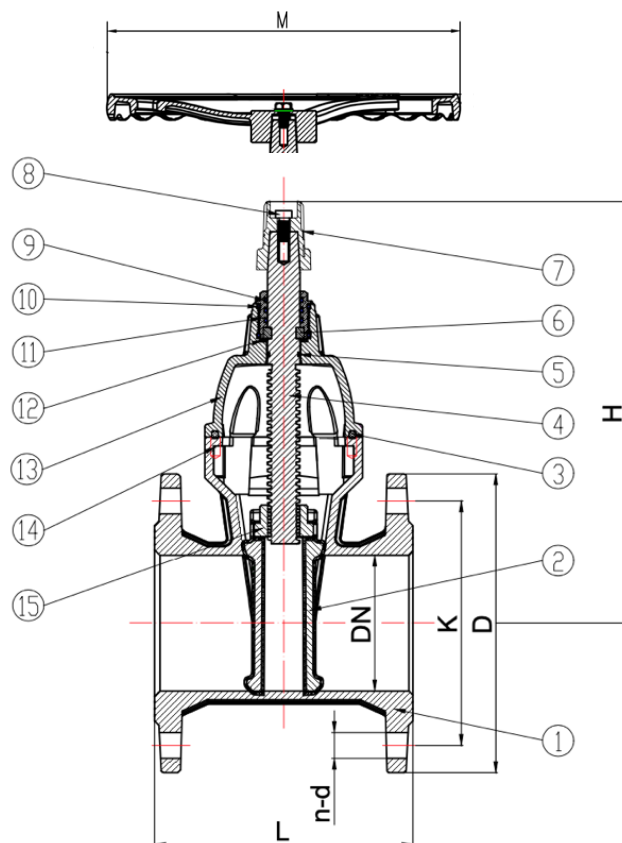
	DESCRIPTION	MATERIAL
1	Body	EN-GJS-500-7 (equivalent to GGG50)
2	Wedge and wedge coating	EN-GJS-500-7 (equivalent to GGG50) + EPDM
3	Bonnet gasket	NBR
4	Spindle	SS420
5	O-ring	NBR
6	Spindle bearing	CW617N
7	Square handle	EN-GJS-500-7 (equivalent to GGG50)
8	Screw	Stainless steel A2-70
9	O-ring	NBR
10	O-ring	NBR
11	Thrust nut	CW617N
12	Sliding disk	POM
13	Bonnet	EN-GJS-500-7 (equivalent to GGG50)
14	Screws	Stainless steel A2-70
15	Wedge nut	CW617N

GATE VALVE F4 DIMENSIONS:



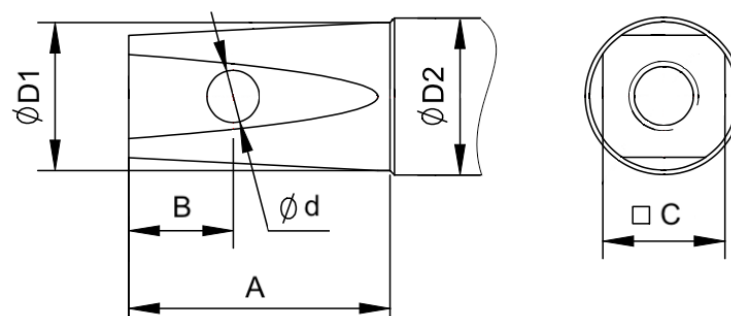
REF	DN	L	H	D	K	n-d	TORQUE	TURNS	M
1952	50	150	220	165	125	4-19	10-15	8-9	180
1953	65	170	255	185	145	4-19	15-20	10-11	200
1954	80	180	280	200	160	8-19	20-25	11-12	220
1955	100	190	320	220	180	8-19	30-35	12-13	220
1956	125	200	368	250	210	8-19	35-40	14-16	280
1957	150	210	410	285	240	8-23	50-60	16-18	280
1958	200	230	525	340	295	12-23	80-90	18-20	315
1959	250	250	625	405	355	12-28	170-180	23-27	406
1960	300	270	705	460	410	12-28	180-190	27-30	406
1961	350	290	830	520	470	16-28	245-263	60-64	500
1962	400	310	895	580	525	16-31	245-265	60-64	500
1963	450	330	1010	640	585	20-31	380-420	58-65	500
1964	500	350	1100	715	650	20-34	420-480	58-65	650
1965	600	390	1300	840	770	20-37	550-580	68-72	650

GATE VALVE F5 DIMENSIONS:



REF	DN	L	H	D	K	n-d	TORQUE	TURNS	M
1967	50	250	220	165	125	4-19	10-15	8-9	180
1968	65	270	255	185	145	4-19	15-20	10-11	200
1969	80	280	280	200	160	8-19	20-25	11-12	220
1970	100	300	320	220	180	8-19	30-35	12-13	220
1971	125	325	368	250	210	8-19	35-40	14-16	280
1972	150	350	410	285	240	8-23	50-60	16-18	280
1973	200	400	525	340	295	12-23	80-90	18-20	315
1974	250	450	625	405	355	12-28	170-180	23-27	406
1975	300	500	705	460	410	12-28	180-190	27-30	406
1976	350	550	830	520	470	16-28	245-263	60-64	500
1977	400	600	895	580	525	16-31	245-265	60-64	500
1978	450	650	1010	640	585	20-31	380-420	58-65	500
1979	500	700	1100	715	650	20-34	420-480	58-65	650
1980	600	800	1300	840	770	20-37	550-580	68-72	650

STEM DIMENSIONS:



DN	A	B	C	D1	D2	d
50	30	12	14	17	18	6
65	35	12	17	20	21	6
80	35	12	17	20	21	6
100	35	12	19	23	24	6
125	35	12	19	24	25	6
150	35	12	19	24	25	6
200	40	12	24	30	32	6
250	40	12	27	32	34	6
300	40	12	27	32	34	6
350	45	12	27	34	40	6
400	45	12	27	35	40	6
450	70	12	32	42	46	6
500	70	12	32	42	46	6
600	70	12	32	42	50	6