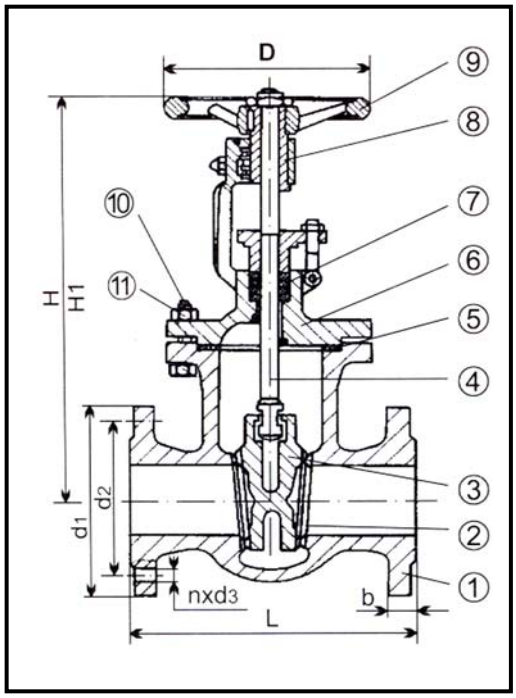
YOKE GATE VALVES



APPLICATION

These gate valves with rising stem are used at installation for water,steam, gas, petroleum products or for other similar products with low corrosive action, except hydrogen, hydrogen and hydrocarbons mixes, and aggressiv agents containing sulphur, hydrogen sulphide ect.

PN / DN / EXECUTIONS /TEMPERATURES

PN 16	DN 40÷350	S38.1 111 516 …. -10°C do 400°C
PN 25	DN 40÷500	S38.1 111 525 …. -10°C do 400°C
PN 40	DN 40÷350	S38.1 111 540 …. -10°C do 400°C

FUNCTION

- Type: bolted bonnet
- Flexible wedge
- Rising stem, outside screw and yoke
- Full bore
- Mounting position: doesn´t matter
- Shuting-off:by rotating the handwheel in cockwise direction

ALLOWABLE PRESSURES AND TEMPERATURES

TYPES	DN	TEMPERATURE [°C]						
		-10	120	200	250	300	350	400
		Max.operating overpressure [bar]						
S38.1 111 516	40÷350	16	16	14	13	11	10	8
S38.1 111 525	40÷500	25	25	22	20	17	16	13
S38.1 111 540	40÷350	40	40	35	32	28	24	21

MATERIAL AND CONNECTION

		EN/DIN
1	Body	GP 240 GH (GSC 25)
2	Seat ring	13%Cr
3	Wedge	GP 240 GH (GSC 25)
4	Stem	13%Cr
5	Gasket	Asbestos free
6	Bonnet	GP 240 GH (GSC 25)
7	Packing	Asbestos free
8	Yoke sleeve	Mosaz
9	Handwheel	EN-GLJ-250 (GG25)
Face to face PN16,25		DIN 3202 – F5
Face to face PN40		DIN 3202 – F7
Flange dimensions		DIN 2501 part 1.

DIMENSIONS TABLE

	S38.1 111 516									S38.1 111 525									S38.1 111 540								
DN	L	H	H1	d1	d2	nxd3	b	D	Wg	L	H	H1	d1	d2	nxd3	b	D	Wg	L	H	H1	d1	d2	nxd3	b	D	Wg
	mm								kg	mm								kg	mm								kg
40	240	325	370	150	110	4x18	18	228	18	240	325	370	150	110	4x18	15	228	18	240	325	370	150	110	4x18	15	228	18
50	250	344	400	165	125	4x18	20	228	24,5	250	344	400	165	125	4x18	17	228	24,5	250	344	400	165	125	4x18	17	228	24,5
65	270	430	520	185	145	4x18	18	250	38,5	270	430	520	185	145	8x18	19	250	38,5	290	430	520	185	145	8x18	19	250	39
80	280	465	570	200	160	8x18	20	250	46,5	280	465	570	200	160	8x18	21	250	46,5	310	465	570	200	160	8x18	21	250	47
100	300	510	630	220	180	8x18	20	304	57	300	510	630	235	190	8x18	21	304	57	350	510	630	235	190	8x18	21	304	59
125	325	600	735	250	210	8x18	22	355	96	325	600	735	270	220	8x22	23	355	96	400	600	735	270	220	8x22	23	355	110
150	350	660	880	285	240	8x22	22	355	132	350	660	880	300	250	8x26	25	355	132	450	660	880	300	250	8x26	25	355	138
200	400	820	1040	340	295	12x22	24	457	175	400	820	1040	360	310	12x30	27	457	175	550	820	1040	375	320	12x30	31	457	198
250	450	964	1235	405	355	12x26	26	457	290	450	964	1235	425	370	12x33	29	457	290	650	964	1235	450	385	12x33	35	457	312
300	500	1060	1390	460	410	12x26	28	558	386	500	1060	1390	485	430	16x33	30	558	386	750	1060	1390	515	450	16x33	38	558	392
350	550	1330	1720	520	470	16x26	30	558	520	550	1330	1720	555	490	16x33	38	558	520	850	1330	1720	580	510	16x36	46	558	700
400										600	1540	1980	620	550	16x36	40	558	680									
500										700	1860	2390	730	660	20x36	44	610	1060									