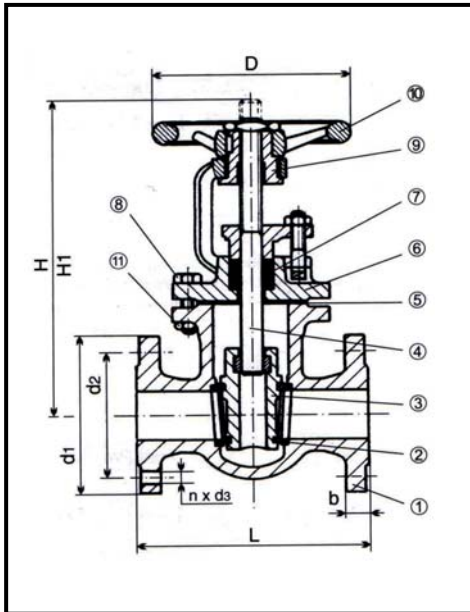


# YOKE GATE VALVES



## 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 aggressive agents containing sulphur, hydrogen sulphide ect.

## PN / DN / EXECUTIONS / TEMPERATURES

PN 10 DN 40÷300 S35 111 610 .... to 200°C - Oval body  
PN 16 DN 40÷300 S35 111 616 .... to 200°C - Oval body

## FUNCTION AND CONSTRUCTIVE

- Type: bolted bonnet
- Solid wedge
- Body type: Oval body
- Rising stem, outside screw and yoke, unrotative
- The sealing surface at passage section: inserted or directly processed seats on body or wedge (cast iron/cast iron seating)
- Mounting position: doesn't matter
- Shutting-off: by rotating the handwheel in clockwise direction
- Seats rings: brass/brass

## ALLOWABLE PRESSURES AND TEMPERATURES

TYPES	DN	TEMPERATURE [°C]					
		120	200				
		Max. operating overpressure [bar]					
S35 111 610	40÷300	10	8				
S35 111 616	40÷300	16	14				

## MATERIAL AND CONNECTION

		EN/DIN
1	Body	EN GJL 250 (GG 25)
2	Seat ring	Brass
3	Wedge	EN GJL 250 (GG 25)
4	Stem	13%Cr
5	Gasket	Asbestos free
6	Bonnet	EN GJL 250 (GG 25)
7	Packing	Asbestos free
8	Studs	Gr. 5-8
9	Yoke sleeve	Brass
10	Handwheel	EN-GLJ-250 (GG25)
11	Nuts	Gr. 8
Face to face PN10,16(oval body)		DIN 3202 – F5
Flange dimensions		DIN 2501 part 1.

## DIMENSIONS TABLE

DN	S35 111 610 – F5										S35 111 616 – F5									
	L	H	H1	d1	d2	nxd3	b	D	Wg	L	H	H1	d1	d2	nxd3	b	D	Wg		
	mm									kg	mm									kg
40	240	304	360	150	110	4x18	18	180	15	240	304	360	150	110	4x18	18	180	15		
50	250	325	385	165	125	4x18	20	200	19	250	325	385	165	125	4x18	20	200	19		
65	270	365	445	185	145	4x18	20	200	24,3	270	365	445	185	145	4x18	20	200	24,3		
80	280	435	525	200	160	8x18	22	250	36	280	435	525	200	160	8x18	22	250	36		
100	300	460	570	220	180	8x18	24	320	44	300	460	570	220	190	8x18	24	320	44		
125	325	545	675	250	210	8x18	26	320	65,5	325	545	675	250	210	8x18	26	320	65,5		
150	350	610	770	285	240	8x22	26	320	84	350	610	770	285	240	8x22	26	320	84		
200	400	720	960	340	295	8x22	26	320	125	400	720	960	340	295	12x22	30	320	125		
250	450	749	1050	395	350	12x22	28	360	212	450	749	1050	405	355	12x26	32	360	212		
300	500	780	1110	445	400	12x22	28	450	272	500	780	1110	460	410	12x26	32	450	272		