



**ANSI gate valves**  
**Cast steel**  
**bolted bonnet**  
**Class 300**  
**2" - 12"**

### Application

Industrial plants, power stations, process engineering  
refineries, oil and marine engineering  
For water, steam, gas, oil and other non-aggressive media

### Operating data

Pressure-temperature ratings to ASME B16.34  
Pressure test according to API 598 standard

### Materials

ASTM A216 WCB trim 8 (stellite 13%Cr)

### Design

API 600 - Face to face dimensions ANSI B16.10  
Flanged end ANSI B 16.5

### Standard variants

Butt-weld end design on request, other materials  
or larger size on request

### Standard material specifications

No	Part name	Material
1	Body	A216 WCB
2	Seat ring	A105
3	Wedge	A216 WCB
4	Steam	A182 F6
5	Bonnet bolt	A193 B7
6	Bonnet nut	A194 2H
7	Gasket	Sp. wond SS/graphite
8	Bonnet	A216 WCB
9	Backseat bushing	A182 F6
10	Steam packing	Graphite
11	Lantern(*)	A182 F6
12	Pin	Carbon steel
13	Gland	A182 F6
14	Gland flange	A216 WCB
15	Gland eyebolt	A307 B
16	Gland nut	A194 2H
17	Yoke	A439 D2
18	Retaining nut	Carbon steel
19	Hand wheel	Carbon steel
20	H.W. Lock nut	Carbon steel
21	York	A216 WCB
22	Nipple	Copper alloy
23	Sealing face overlay	13% Cr or stellite

(\*) Must be stated in contract

### Dimensions and Weight (mm and inches)

DN	50	65	80	100	125	150	200	250	300
NPS	2	2 1/2	3	4	5	6	8	10	12
L	216	241	283	305	381	403	419	457	502
	8,5	9,5	11,1	12	15	15,9	16,5	18	19,8
H	470	525	533	633	800	805	1024	1232	1460
	18,5	20,8	21	24,9	31,5	31,8	40,3	48,5	57,5
Do	200	200	300	300	350	350	400	450	500
	8	8	12	12	14	14	16	18	20
Kg	27	44	50	74	124	137	217	337	580