



**ANSI gate valves**  
**Cast steel**  
**bolted bonnet**  
**Class 150**  
**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.wound 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	178	191	203	229	254	267	292	330	356
	7	7,5	8	9	10	10,5	11,5	13	14
H	400	490	508	585	740	773	955	1160	1375
	15,8	19,3	20	23	29,1	30,4	37,6	45,8	54,1
Do	200	200	250	300	300	350	350	400	450
	8	8	10	12	12	14	14	16	18
Kg	20	28	36	52	72	85	127	195	283