



ANSI globe 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

BS 1873 - 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	Disc	A105
4	Steam	A182 F6
3	Disc Nut	A182 F6
5	Gasket	Sp.wound S.S/graphite
6	Bonnet	A216 WCB
7	Bonnet bolt	A193 B7
8	Bonnet nut	A194 2H
10	Backseat bushing	A182 F6
11	Steam packing	Graphite
12	Lantern(*)	A182 F6
13	Pin	Carbon steel
14	Gland flange	A216 WCB
15	Gland	A182 F6
16	Gland eyebolt	A307 B
17	Gland nut	A194 2H
18	Stem nut	A439 D2
19	Hand wheel	Carbon steel
20	H.W. Lock nut	Carbon steel
21	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	267	292	318	356	400	445	559	622	-
	10,5	11,5	12,5	14	15,8	17,5	22	24,5	-
H	425	465	530	610	695	790	870	1040	-
	16,8	18,3	20,6	24	27,7	31,1	34,2	41	-
Do	200	250	250	300	300	400	500	500	-
	8	10	10	12	12	16	20	20	-
Kg	37	50	61	115	130	176	333	340	-