



## JV060021

**Carbon Steel  
ANSI 600  
Gate Valve**

**Flanged ASA 600**

Other flange drillings or undrilled on request



The JV060021 carbon steel bolted bonnet gate valve is suited for process, off shore and petro-chemical industry use.

They are robustly constructed having a flexible wedge which gives a positive shut off even when the pipework in which the valve is fitted, is stressed.

These valves are usually flanged to ANSI B16.5 standards but can also be supplied to BS4504 & BS10 standards.

### Features, Benefits & Approvals

- Designed to API 600, BS1414, ASME B16.34
- Outside screw & yoke
- Rising stem with flexible wedge
- Handwheel operated as standard
- Gearbox & actuator options available
- RF flange as standard

### Pressure & Temperature

102 bar @ -28 to 37°C
93 bar @ 93°C
90.6 bar @ 148°C
87.5 bar @ 204°C
75.4 bar @ 315°C
56.8 bar @ 426°C
23.7 bar @ 482°C
7.2 bar @ 537°C

ANSI Class 600										
SIZE DN	50	65	80	100	150	200	250	300	350	400
A	292	320	356	432	559	660	787	838	889	991
B	458	508	570	1257	872	1101	1279	1468	1623	1816
C	250	250	250	600	500	560	640	680	760	760
Weight Kg	46	55	72	754	253	413	623	981	1316	1672

MATERIALS			
<b>Body</b>	A216 WCB Steel	<b>Gate</b>	A216 WCB Steel
<b>Wedge</b>	A216 WCB Steel + Stellite Face	<b>Seat Ring</b>	Stainless Steel
<b>Stem</b>	Stainless Steel	<b>Gland</b>	Stainless Steel
<b>Bonnet</b>	A216 WCB Steel	<b>Handwheel</b>	Malleable Iron