



# AUSTRALIAN VALVE AND ENGINEERING

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VALVE AND FITTING MANUFACTURE  
GENERAL ENGINEERING • VALVE RECONDITIONING

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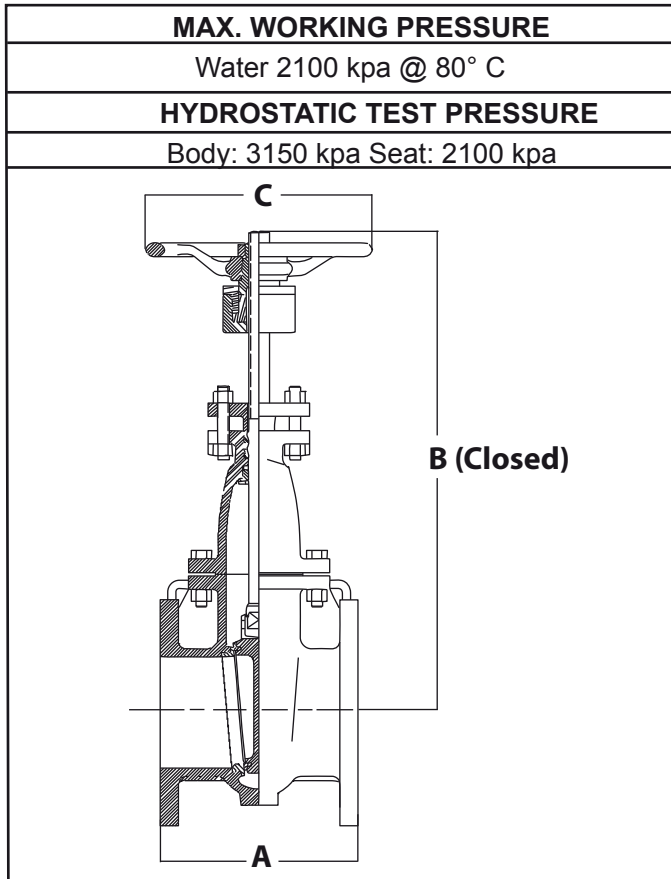
# JOHN VALVES

The Valve People  
Australian made :: Australian owned

Australian Agents for



## JOHN CAST IRON GATE VALVES



### John 601F SG Cast Iron Gate Valves

The John Fig. 601F (outside screw - rising stem) gate valves are most often used for water application. Although, they are also suitable for general use on many other liquid services. They have a Cast Iron wedge with matching tapered bronze seats on the wedge and valve body. Flanges are manufactured to AS2129 Table 'F' standards, but may be drilled to customers specifications.

### John Fig 601F OS&Y Gate Valve



### MATERIALS OF CONSTRUCTION

Component	Material
Body	SG Cast Iron
Bonnet	SG Cast Iron
Wedge	SG Cast Iron
Seats	Bronze
Stem	Stainless Steel
Handwheel	Cast Iron

Size	A	B (Closed)	C	Kg	Cv	Kv	K
50	178	350	203	18	309	7.29	0.15
65	190	360	228	25	491	11.59	0.15
80	203	409	228	27	719	17.0	0.14
100	229	493	254	43	1302	30.7	0.14
150	267	648	305	79	3107	73.3	0.12
200	292	815	355	114	5643	133	0.12
250	330	930	457	178	9227	218	0.11
300	356	1090	558	270	13616	321	0.10

Cv= Flow coefficient US Gal/min. to give 1 psi pressure drop.  
Kv= Flow coefficient L/s to give 1 kpa pressure drop.  
K= Dimension less resistance coefficient.  
all dimensions in mm.

- Capable of temperatures up to 90° C
- Available in larger sizes upon request