

# FIG 601F Gate Valve

Gate Valve

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 in 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 customer specifications.

<b>Body</b>	SG Cast Iron
<b>Trim</b>	Gunmetal
<b>Size Range</b>	DN15 – DN300 (larger sizes available)
<b>Pressure Range</b>	PN21
<b>Max. Working Pressure</b>	2100 kPa CWP
<b>Temperature</b>	Up to 80°C
<b>Hydrostatic Test Pressure</b>	Body: 3150 kPa Seat: 2310 kPa
<b>Connections</b>	Flanged
<b>Options</b>	Special paint finish, Manufactured to various Water Authority specifications
<b>Optional Extras</b>	Gearbox, electric, pneumatic or hydraulic actuation.

## Dimensions (mm) Larger Sizes Available

SIZE	A	B (open)	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	0.15
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

## Materials of Construction

ID	Material	Specification
<b>BODY</b>	SG CAST IRON	
<b>BONNET</b>	SG CAST IRON	
<b>WEDGE</b>	SG CAST IRON	
<b>SEATS</b>	BRONZE	
<b>STEM</b>	STAINLESS STEEL	
<b>HANDWHEEL</b>	CAST IRON	

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

