

FIG 600F Gate Valve

Gate Valve

The John Fig. 600F Inside screw, non-rising stem, metal seated) gate valves in most cases are used for water application. Although, they are also suitable for general use on many other fluids. They have a solid wedge with matching tapered seats. Flanges are manufactured to AS2129 Table 'F' standards but may be drilled to customers' specifications.

Body	SG Cast Iron
Trim	Gunmetal
Size Range	DN50 – DN1200 (Larger sizes available)
Pressure Range	PN21
Max. Working Pressure	2100 kPa CWP
Hydrostatic Test Pressure	Body: 3150 kPa Seat: 2310 kPa
Temperature	Capable of temperatures up to 80°C
Connections	Flanged
Standards	AS 4020: Materials Suitable for Potable Water Service
Options	<ul style="list-style-type: none">• Special paint finish• Manufactured to various Water Authority specifications• Gearbox, electric, pneumatic or hydraulic actuation.

Dimensions (mm) Larger Sizes Available

Size	A	B	C	Kg	Cv	Kv	K
50	178	278	152	13	309	7.29	0.15
65	190	330	178	23	491	11.59	0.15
80	203	335	205	25	719	17	0.14
100	229	418	224	37	1302	30.7	0.14
150	267	527	250	72	3107	73.3	0.12
200	292	666	356	123	5643	133	0.12
250	330	797	400	185	9227	218	0.11
300	356	867	400	251	13616	321	0.1

Materials of Construction

ID	Part Description	Material	
1	Body	SG Cast Iron	
2	Bonnet	SG Cast Iron	
3	Wedge	SG Cast Iron	
4	Seats	Bronze	
5	Stem	Stainless Steel	
6	Handwheel	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

