



AUSTRALIAN VALVE AND ENGINEERING

PTY. LTD. • A.C.N. 007 400 759 • A.B.N. 98 007 400 759

VALVE AND FITTING MANUFACTURE
GENERAL ENGINEERING • VALVE RECONDITIONING

19 MARTIN DRIVE, BALLARAT. P.O. BOX 1755, BALLARAT MAIL CENTRE. 3354.
PHONE (03) 5336 2113 • FAX (03) 5336 2115 EMAIL avevalves@bigpond.com

WEBSITE www.aussievalve.com.au



JOHN VALVES

The Valve People
Australian made :: Australian owned

Australian Agents for



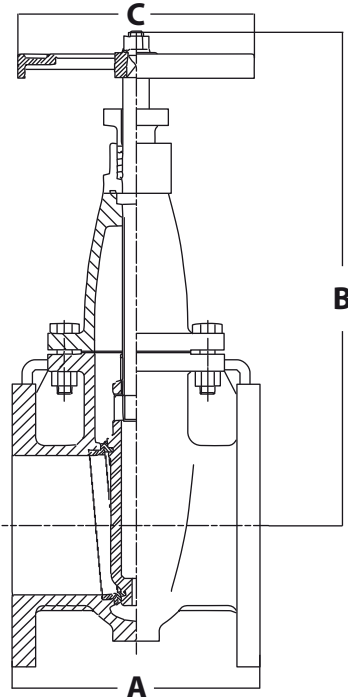
JOHN CAST IRON GATE VALVES

MAX. WORKING PRESSURE

Water 2100 kpa @ 80° C

HYDROSTATIC TEST PRESSURE

Body: 3150 kpa Seat: 2100 kpa



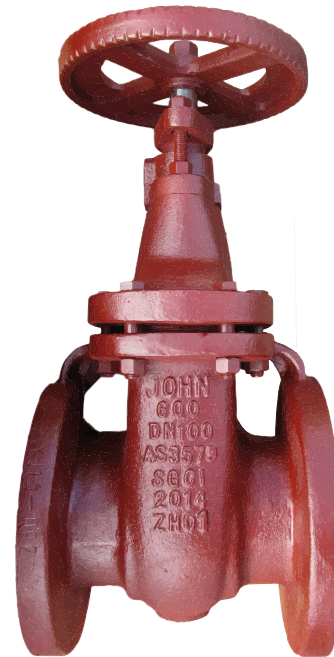
Size	A	B	C	Kg	Cv	Kv	K
50	178	278	152	13	309	7.29	0.15
65	190	330	178	23	491	11.59	0.15
80	203	335	205	25	719	17.0	0.14
100	229	418	225	37	1302	30.7	0.14
150	267	527	250	72	3107	73.3	0.12
200	292	666	356	123	5643	133	0.12
250	330	797	400	185	9227	218	0.11
300	356	867	400	251	13616	321	0.10

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.

John 600F SG Cast Iron Gate Valves

The John Fig. 600F (Inside Screw - non-rising stem) 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.

John Fig 600F NRS 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

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