

# JOHN FIG. 600-601 SG Iron Rolled Groove End Gate Valve

**MAX WORKING PRESSURE:**

Water: 2100 kPa @ 120°C  
Rolled groove ends

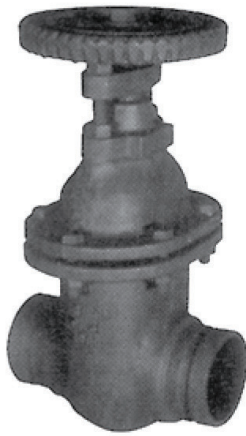
**HYDROSTATIC TEST PRESSURE:**

Body: 3150 kPa Seat: 2100 kPa

This range of JOHN valves has been designed to be compatible with grooved end pipe and relevant grooved end fittings. The valve body sections are generous allowing for corrosive action to take place without impairing the pressure capabilities of the valve.

The Fig. 600G has an inside screw non-rising stem while the Fig. 601G has an outside screw rising stem.

## JOHN Fig. 600G



Size range: 100 & 150mm  
End connection:  
Rolled Groove ends.

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### MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL	SPECIFICATION
1.	BODY	S.G. IRON	AS 1831-400/15
2.	BONNET	S.G. IRON	AS 1831-400/15
3.	SEATS	GUNMETAL	AS 1565-C83600
4.	STEM	STAINLESS STEEL	AS 2837-431
5.	HANDWHEEL	CAST IRON	AS 1830-T220

### DIMENSIONS JOHN FIG. 600G

SIZE	A	B	C	D	E	Wt.(Kg)	Cv	Kv	k
100	230	210	203	114.3	16	22	1302	30.7	0.13
150	268	254	241	165.1	16	48	3107	73.3	0.12

### DIMENSIONS JOHN FIG. 601G

SIZE	A	B	C	D	E	Wt.(Kg)	Cv	Kv	k
100	230	440	225	114.3	16	27	1302	30.7	0.13
150	268	650	305	165.1	16	53	3107	73.3	0.12

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.  
Dimensions in mm. Weights in Kg.