

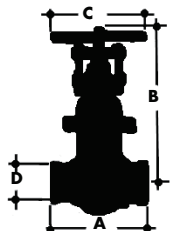
# GATE VALVES

For water.

## INSIDE SCREW GATE VALVE Shoulder Ends

The valve is manufactured in spheroidal graphite iron with bronze seat and wedge rings and has an inside screw non-rising stem. The end connections are manufactured to be compatible with shoulder end pipe and relevant shoulder end fittings.

### JOHN Fig. 6025

MAX. WORKING PRESSURE									
WATER: 2100 kPa @ 120°C									
Shoulder ends									
HYDROSTATIC TEST PRESSURE									
Body: 3150 kPa Seat: 2100 kPa									
DIMENSIONS									
									
SIZE	A	B	C	D	Wt. (Kg)	Cv	Kv	K	
100	230	390	203	122.2	32	1302	30.7	0.13	
150	270	508	241	175.1	50	3107	73.3	0.12	
<small>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.</small>									

### JOHN Fig. 6025



Size range: 100 & 150mm  
End connection: Shoulder ends.

### MATERIALS OF CONSTRUCTION

Component	Material	Specification
Body	S.G. iron	AS 1831-400/15
Bonnet	S.G. iron	AS 1831-400/15
Wedge	Gunmetal	AS 1565-C83600
Stem	Stainless Steel	AS 2837-431
Handwheel	Cast iron	AS 1830-T220

### OPTIONAL EXTRAS

Local or remote position indication.