

## AV-102 Bronze Gate Valve (Screwed Ends) Class - 1

### Features

Screwed in Bonnet, Inside Screw, Non-Rising Stem, Integral Seat, Handwheel Operated, Screwed Female Parallel Threads to IS-554

### Test Pressure

Body : 1.5 MPa (Hyd.)  
Seat & Back Seat : 1.0 MPa (Hyd.)  
Max. Working Pressure : 1.0 MPa (Hyd.)  
Max. Working Temperature : 45°C

### Product Specification

IS-778

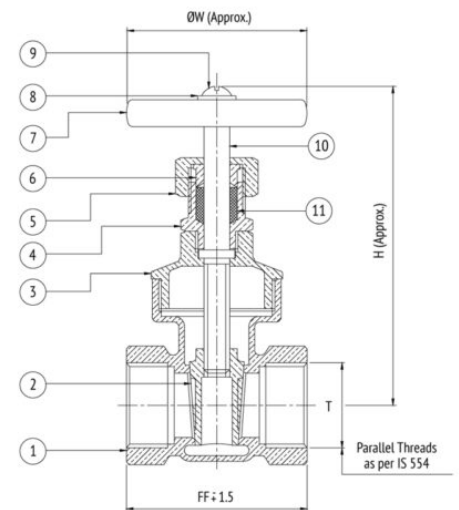
### Suitability

Water, Oil



### Material Combination

P.No.	Name of Part	Material	Specification
1	Body	Bronze	IS 318 Gr. LTB2
2	Wedge	Bronze	IS 318 Gr. LTB2
3	Bonnet	Bronze	IS 318 Gr. LTB2
4	Stuffing Box	Bronze	IS 318 Gr. LTB2
5	Gland Nut	Bronze	IS 318 Gr. LTB2
6	Gland	Bronze / Brass	IS 318 Gr. LTB2 / BS EN 1982 Gr. CC491K
7	Handwheel	C.I. / Steel	BS 1561 Gr. GJL 200 / IS 210 Gr. FG 200 / -
8	Washer	Carbon Steel	-
9	Screw	Carbon Steel	-
10	Stem	H.T. Brass	IS 6912 / IS 320
11	Packing	Asbestos	-



### Dimensional Data

Nominal Size (mm)	FF	H	ØW	T
15	60	100	53	1/2"
20	60	110	58	3/4"
25	70	130	67	1"
32	80	144	79	1.1/4"
40	90	160	87	1.1/2"
50	100	175	98	2"
65	105	222	104	2.1/2"
80	125	248	140	3"
100	160	310	183	4"