

# BRONZE GATE VALVES

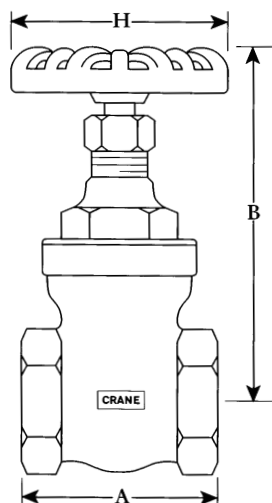
## D151X

PN25 BS 5154/B  
Class 150 BS 1952  
Screwed BS 21



## D151X

Solid wedge disk  
Non-rising stem  
Screwed bonnet  
Handwheel



**CRANE**

**Applications** - only suitable for on/off duties and infrequent operation within the limits of 25 bar at 100° Celsius and 10,5 bar at 186° Celsius. See table below for intermediate pressures and temperatures. Systems must be non-shock. Media compatibility is generally for steam, water, oil, gas and air. The valve offers good corrosion resistance to water, steam and the less aggressive fluids.

**Specification** - body is designed to eliminate sharp contours which means greater rigidity under line strains, maximum strength, increased resistance to distortion, and reinforcement of the valve seats against the wedging action of the disk. Manufacture is to BS 5154 PN25/B and fully meets the requirements of BS 1952 Class 150. Class 150 Imperial permits operation at 300psi CWP; 150psi at 366° Fahrenheit. Threaded BS 21 (ISO 7) taper.

## P/T ratings

Temperature °Celsius	-10° to +100°	110°	120°	130°	140°	150°	160°	170°	180°	186°
Pressure bar	25,0	23,4	21,8	20,0	18,3	16,5	14,7	12,8	11,3	10,5

## Materials

Part	Material	BS	ASTM
Body	No. 4 bronze	BS 1400-LG2	B62-C83600
Bonnet	No. 4 bronze	BS 1400-LG2	B62-C83600
Disk	No. 4 bronze	BS 1400-LG2	B62-C83600
Stem DN8-DN15	Aluminium bronze	NES 834 Pt.2	-
DN20-DN25	No. 4 bronze	BS 1400-LG2	B62-C83600
DN32-DN80	DZR brass	-	-

**Note** - no. 4 bronze is 85/5/5/5 type offering high impact strength and good corrosion resistance to water, steam and the less aggressive fluids.

**Testing** - each valve individually tested to BS 5154.

## Dimensions mm / Weights

DN	in	A	B	H	kg
8	1/4	45	83	44	0,30
10	3/8	45	83	44	0,29
15	1/2	53	85	44	0,38
20	3/4	57	105	52	0,58
25	1	65	116	65	0,86
32	1 1/4	72	143	70	1,31
40	1 1/2	77	163	78	1,80
50	2	84	184	92	2,72
65	2 1/2	105	220	103	4,56
80	3	111	259	121	6,38

**Options** - threaded ANSI B1.20.1 conforming generally to MSS-SP-80; gland packings for special services; locking device.

