

BRONZE GATE VALVES

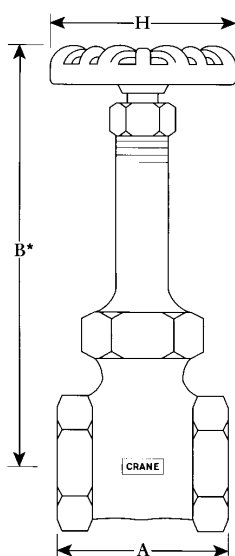
D166

PN32 BS 5154/B
Class 200 BS 1952
Screwed BS 21



D166

Solid wedge disk
Rising stem
Screwed bonnet
Handwheel



* Valve Open

CRANE

Applications - water, steam, oil and gas installations for strictly on/off duties and infrequent operation. Suitable for low, medium and high temperature hot water services.

LTHW is defined as $\leq 3,5$ bar at $\leq 95^\circ$ Celsius

MTHW is defined as $\leq 3,5$ bar at $\leq 120^\circ$ Celsius

HTHW is defined as $\leq 10,0$ bar at $\leq 150^\circ$ Celsius.

Specification - body is proportioned – as in all the bronze and DZR gate valves – to ensure a high safety factor under the recommended working conditions. The body seats are integral and accurately tapered to provide perfect shut-off without strain. The solid wedge pattern disk has a slip-on “T” connection to the stem. Manufacture is to BS 5154 PN32/B and the valves are also suitable for Class 200 Imperial systems BS 1952 viz 400psi CWP; 200psi at 388° Fahrenheit. Threaded BS 21 (ISO 7) taper.

P/T ratings

Temperature °Celsius	-10° to +100°	120°	130°	140°	150°	160°	170°	180°	190°	198°
Pressure bar	32,0	28,3	26,5	24,6	22,8	21,0	19,2	17,4	15,5	14,0

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	Aluminium bronze	NES 834 Pt.2	–

Note - the gland packings in these valves – and all the bronze valves in this catalogue – are asbestos-free and do not present a health hazard.

Testing - each valve individually tested to BS 5154.

Dimensions mm / Weights

DN	in	A	B	H	kg
15	1/2	53	133	52	0,46
20	3/4	57	157	52	0,72
25	1	65	192	65	1,13
32	1 1/4	72	247	70	1,61
40	1 1/2	78	278	92	2,38
50	2	84	325	103	3,60

Options - ends threaded ANSI B1.20.1; locking device; sizes DN8, DN10, DN65 and DN80; if gland packings are required for unusual services please specify media, pressure, temperature and concentration.

