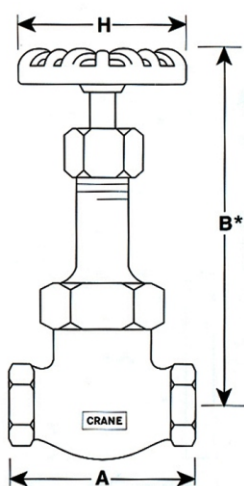
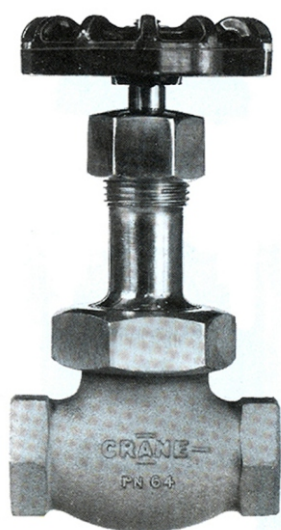




PN64  
D52

CRANE



\* Valve open

## Bronze Gate Valves

### Threaded BS 21 or ANSI B1.20.1

RENEWABLE NICKEL ALLOY PLUG DISK  
STAINLESS STEEL SEAT • UNION BONNET

#### PRESSURE/TEMPERATURE RATINGS

Temperature (C°)	-10 to 66	100	150	180	200	220	240	260	280	288
Pressure (bar)	69.0	61.6	50.7	44.2	39.8	35.5	31.1	26.8	22.4	20.7

#### TESTING

Each valve hydrostatically tested: Body 96 bar, seat 70.4 bar.

#### SPECIFICATION

**D52** Sizes ½ to 2 – Threaded BS 21 (ISO 7)taper.

Valves having Pn64 ratings are not specified in BS 5154. D52 valves meet the requirements of BS 5154 in respect to materials desing and method of manufactured as far as applicable. Desing incorporates a nickel alloy plug type disk retained on the stem by a threaded ring. the body seat is a screwed-in stainless steel ring.

Valves detailed on this page are also suitable for use in class 300 imperial system at the following ratings:

1000 lbf/in<sup>2</sup> CWP; 300 lbf/in<sup>2</sup> at 550 °F

Valves having ANSI threads also generally conform to MSS SP-80 (see page13)

#### MATERIALS

Part	Material	BS	ASTM
Body	No.4 bronze	BS 1400 – LG2	B62 – C83600
Bonnet	No. 4 bronze	BS 1400 – LG2	B62 – C83600
Seat ring	13% chrom. steel	BS 1506–410S21	A182 Gr. F6a
Disk	No. 49 nickel alloy	-	-
Stem	Aluminium bronze	NES 834 Pt. 2	-

#### DIMENSIONS AND WEIGHTS

Nom. Size	mm A	mm B	mm H	Kg
¼	75	134	70	1.00
¾	89	159	78	1.52
1	105	177	92	2.30
1 ¼	121	200	103	3.64
1 ½	133	228	121	5.11
2	162	262	152	8.63

#### SPECIFICATION ADDITIONS OR VARIATINOS

Ends threaded ANSI B1.20.1, specify Cat. No. D52AT.

