

BRONZE GATE VALVE MODEL G100

FULL BORE | NON-RISING STEM

PN20

NOMINAL PRESSURE

WRAS
APPROVED PRODUCT

**SAUDI
MADE**

ISO
9001:2015

CE



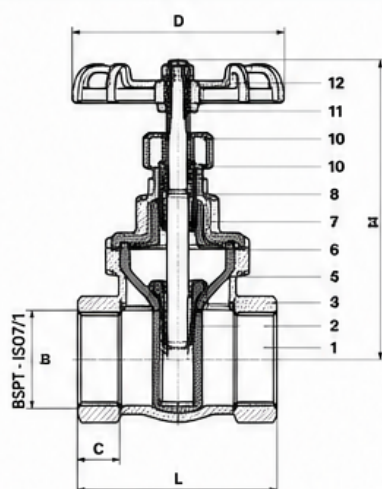
TECHNICAL OVERVIEW

	Nominal Working Pressure	PN20 (20 BAR)	
	Pressure Test	Shell Test	30 BAR
		Seat Test	22 BAR
	Working Temperature	-10°C up to 180°C	
	Applicable Fluid	Water, Non-corrosive liquid	
	Thread Standard	BSPT – ISO 7/1	
	Nominal Size	1/2" – 2" (DN15 – DN50)	

FEATURES

- ✓ Bariq gate valves offer the ultimate in dependable service wherever minimum pressure drop is important
- ✓ The G100 carries the ASTM Standards Institution kitemark – your assurance of exacting quality standards
- ✓ WRAS approved for use on wholesome (potable) water
- ✓ Non-rising stem design to minimise installation height
- ✓ Full bore design to ensure minimal pressure drop
- ✓ Adjustable gland packing for ease of maintenance

TECHNICAL DRAWING



All dimensions are in millimeters.

DIMENSIONS (mm)

SIZE (inch)	DN (mm)	L	H	D	B	C
1/2"	DN15	45	71.5	53	15	12
3/4"	DN20	48.5	81	60	20	12.5
1"	DN25	55	94.7	72	25	14
1 1/4"	DN32	71	111	80	32	15
1 1/2"	DN40	77.5	130	100	38	17.5
2"	DN50	87.5	153	100	50	17.5

Note: Dimensions are subject to change without notice.

STANDARDS & TESTING

- ✓ Design & Manufacture: ASTM B62 Standard
- ✓ Face to Face (Structure Length): ASTM B62
- ✓ Pressure Testing: BS EN 12266-1 (P10/P11/P12)
BS EN 12266-2 (P20)
- ✓ Thread Standard: BSPT – ISO 7/1
- ✓ Marking: According to MSS-SP-80

MATERIAL SPECIFICATION

NO.	PART	MATERIAL
12	Hex Nut	GB/T 6172
11	Nameplate	SS 304
10	Handwheel	Cast Iron (HT200)
9	Packing Nut	CW617N (Brass)
8	Gland	CW617N (Brass)
7	Packing	PTFE
6	Lock Ring	CC491K (Brass)
5	Bonnet	CC491K (Brass)
4	Gasket	PTFE
3	Stem	DZR Brass
2	Body	Bronze
1	Disc	Bronze



All materials comply with ASTM B62 standard and are suitable for potable water.



RELIABLE
PERFORMANCE



DURABLE
DESIGN



CORROSION
RESISTANT



EASY
MAINTENANCE



HIGH
PERFORMANCE



www.bariqgroup.com
MADE IN SAUDI ARABIA

