

PRODUCT OVERVIEW

BRONZE GATE VALVE

G100

FULL BORE / NON-RISING STEM



PN20

WORKING PRESSURE

DN15-DN50

SIZE RANGE

DESIGNED FOR RELIABLE ISOLATION

BARIQ G100 combines a bronze body and disc with a full-bore flow path and non-rising stem. Its compact design and adjustable gland packing support straightforward operation and maintenance.

FULL-BORE FLOW PATH

Designed to minimise pressure drop in the fully open position.

ADJUSTABLE GLAND PACKING

Packing adjustment supports convenient maintenance.

TECHNICAL OVERVIEW

Working pressure

PN20 (20 bar)

Shell test pressure

30 bar

Seat test pressure

22 bar

Working temperature

-10°C to +180°C

Applicable fluids

Water; non-corrosive liquids

Thread standard

BSPT - ISO 7/1

Nominal sizes

1/2-2 in (DN15-DN50)

WRAS

APPROVED PRODUCT

Suitable for potable water service.

COMPACT INSTALLATION

Non-rising stem reduces the height required for installation.

BRONZE CONSTRUCTION

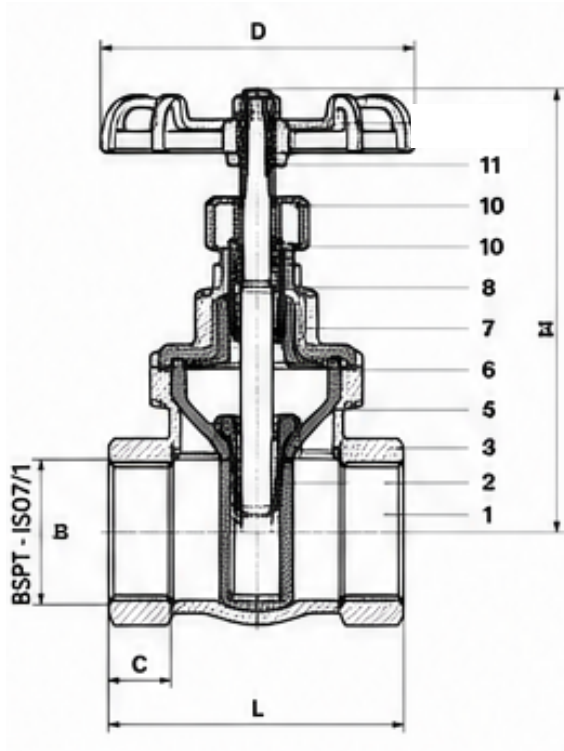
Bronze body and disc with a DZR brass stem.

CONSTRUCTION & DIMENSIONS

BRONZE GATE VALVE

G100

ASSEMBLY / MATERIALS / STANDARDS



MATERIAL SPECIFICATION

11	Nameplate	SS304
10	Handwheel	Cast iron (HT200)
9	Packing nut	CW617N (brass)
8	Gland	CW617N (brass)
7	Packing	PTFE
6	Lock ring	CC491K
5	Bonnet	CC491K
4	Gasket	PTFE
3	Stem	DZR brass
2	Body	Bronze
1	Disc	Bronze

DIMENSIONS

All dimensions in mm

SIZE (in)	DN	L	H	D	B	C
1/2	15	45	71.5	53	15	12
3/4	20	48.5	81	60	20	12.5
1	25	55	94.7	72	25	14
1 1/4	32	71	111	80	32	15
1 1/2	40	77.5	130	100	38	17.5
2	50	87.5	153	100	50	17.5

STANDARDS & TESTING

Design & manufacture	ASTM B62
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	MSS-SP-80