

HLZ-100 Bronze Gate Valve - Non Rising Stem - PN20

Product Features

- Holmes UK gate valves offer the ultimate service wherever minimum pressure drop is required.
- WRAS approved for use on potable water in sizes 1/2" - 2" only.
- Non-rising stem design minimizing installation height.
- Full bore design ensuring minimal pressure drop.
- Adjustable gland packing to ease maintenance.
- Body, bonnet and disc are made from low lead content bronze, typically 4-6%
- Conforms with BS EN12288:2010 and generally conforms with MSS SP 80.

Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 100	170
PRESSURE (BAR)	20	8

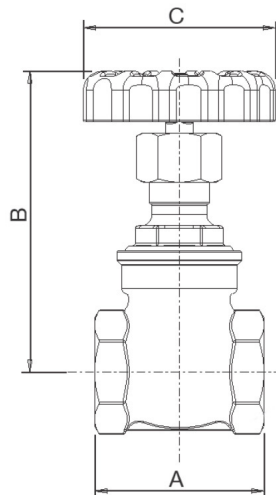
Interpolation shall be used to calculate intermediate pressure rating.

Materials

NO.	PART	MATERIAL
1	Body	Bronze to BS EN 1982 CC491K
2	Bonnet	Bronze to BS EN 1982 CC491K
3	Stem	DZR Brass BS EN 12164 CW602N
4	Packing Nut	Brass BS EN 12164 CW614N
5	Packing	PTFE
6	Stem Push	DZR Brass BS EN 12164 CW602N
7	Disc	Bronze to BS EN 1982 CC491K
8	Handwheel	Aluminum
9	Handwheel Nut	Brass BS EN 12164 CW614N

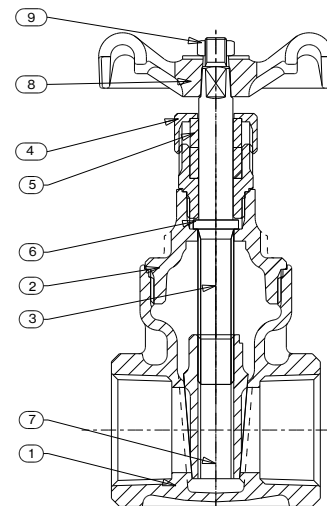
Dimensions

SIZE (inch)	A (mm)	B (mm)	C (mm)
1/2	78	52	43
3/4	92	60	49
1	103	60	54
1 1/4	116	70	62
1 1/2	133	78	65
2	156	92	75
2 1/2	190	100	87



WRAS
APPROVED PRODUCT
Sizes 1/2"-2" only

HLZ-100



PRESSURE RATING : PN20 **TEMPERATURE**

OPERATING RANGE : -10 to 170°C

END CONNECTION : Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21

OPERATOR : Handwheel.

Gate valves are best to use as fully open or fully closed and not to be used for throttling.

SPECIFICATION : Bronze Gate Valve, Non-Rising Stem, Solid Wedge, Screwed Bonnet, in accordance with BS EN 12288:2010, PN20 rated. Body, Bonnet and disc to Bronze to BS EN 1982 CC491K. DZR Brass Stem to CW602N. PTFE packing ring complete with Brass packing gland and nut design. WRAS approved.

MSS SP80 CONFORMANCE : HLZ-100 conforms with the essential requirements of the Standard such as temperature rating, material of construction, wall thickness, thread depth and temperature.

Suitable for use on Group 2 Liquids as defined by PED 2014/68/EU, Group 2 Gas, Group 1 and Pressure Equipment (Safety) Regulations 2016, as **Not suitable for use on Group 1 Gases or unstable liquids.**