



Product Overview

The BLAZE BT 1303-A Bronze Gate Valve is engineered for precision shut-off and flow control in plumbing and industrial fluid systems. Designed and manufactured in compliance with BS EN 12288, this valve offers excellent durability, corrosion resistance, and performance reliability. With a threaded connection compatible with international standards, it is ideal for a variety of applications involving water, oil, or steam.

Material List

No.	Part Name	Material	Specification
1	Nut	Brass	EN 12165 CW617N
2	I.D Plate	Aluminium	-
3	Handwheel	Aluminium	-
4	Stem	DZR Brass	EN 12165 CW602N
5	Packing Unit	Brass	EN 12165 CW614N
6	Ring	Brass	EN 12165 CW614N
7	Packing	PTFE	-
8	Stem Brush	DZR Brass	EN 12165 CW602N
9	Bonnet	Bronze	EN 198 CC491K
10	Body	Bronze	EN 198 CC491K
11	Disc	Bronze	EN 198 CC491K



Technical Specifications

- Valve Type Gate Valve (Rising Stem or Non-Rising, TBD)
- Body Material Bronze
- Standards Compliance BS EN 12288
- Size Range ½" to 2" (DN15 to DN50)
- Working Pressure PN 20 (Max 20 bar / 290 psi)
- Working Medium Water, Oil, Steam
- Pipe Connection BSPT Female Thread (EN 10226-1 / ISO 7)
- Max Operating Temperature Up to 170°C

Features

- Material: Premium quality bronze for enhanced corrosion resistance
- Design Standard: Conforms to BS EN 12288
- Pressure Rating: PN 20 – Suitable for medium-pressure systems
- Size Range: ½" to 2" (DN15 to DN50)
- Thread Type: BSPT (Female) to EN 10226-1 / ISO 7
- Operation: Manual shut-off via gate mechanism
- Serviceability: Simple design enables easy maintenance and repair
- Applications: Water, oil, and steam systems

Applications

The BLAZE BT 1303-A Bronze Gate Valve is widely used in:

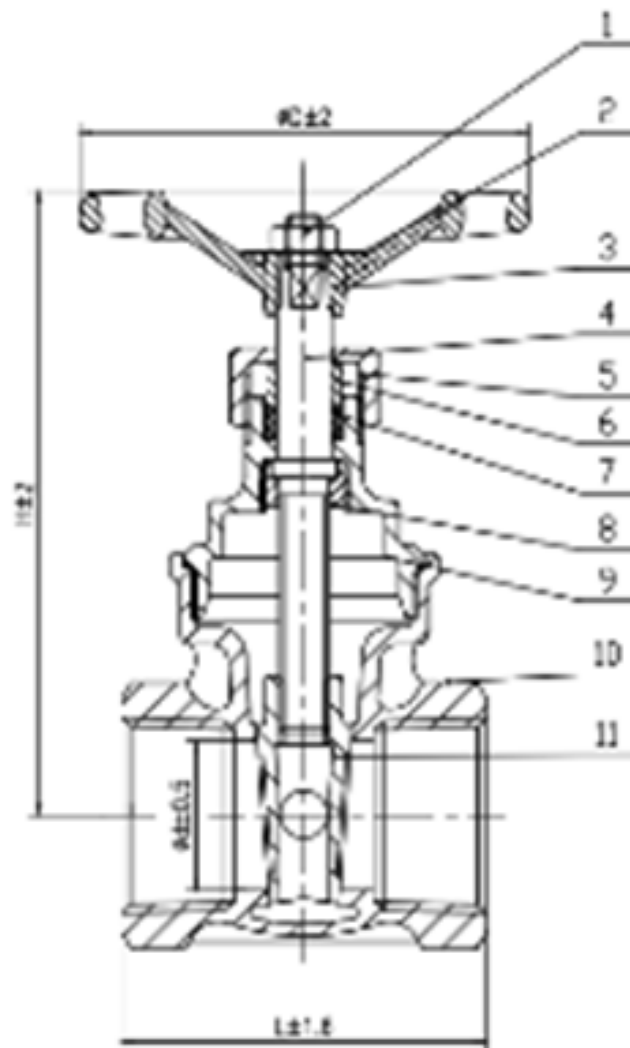
- Domestic water supply systems
- Commercial HVAC and heating networks
- Steam distribution pipelines
- Oil and fuel lines
- Industrial process and utility systems
- Fire protection systems (where applicable)
- Agricultural irrigation systems



Dimensions

DN	INCH	L	D	H	H
15	½"	49.5	56.5	74	12.7
20	¾"	53.5	69	85	19.1
25	1"	62	75.5	106	25.4
32	1 1/4"	70	81	113	31.8
40	1 1/2"	77	94	132	38.2
50	2"	87	100	155	50.9

Note: All dimensions are provided for informational purposes only. Please cross-check and confirm with the official technical drawings before installation or fabrication.



Disclaimer: The image shown in this data sheet is for illustration purposes only. The actual product may vary based on manufacturing standards and specifications.