



## Product Overview

The BT-1201 Brass Ball Valve is a high-performance valve designed for dependable shut-off in a wide range of applications. Built to handle PN 25 pressure, it supports water, oil, and gas mediums with a maximum working temperature of 170°C. Featuring BSPT threads in accordance with EN 10226-1 / ISO 7, this valve ensures a secure and reliable connection. Available in sizes from ½" to 4" (DN15–DN100), the BT-1201 is suitable for residential, commercial, and industrial systems where durability and precision control are essential

## Material List

No.	Part Name	Material	Specification
1	Lever Nut	Stainless Steel	SS304
2	Lever	Stainless Steel	SS304
3	Stem	DZR Brass	CW602N
4	O Ring	HNBR	HNBR
5	O Ring	EPDM	EPDM
6	Seat	PTFE	-
7	Ball	DZR Brass	CW602N
8	Bonnet	DZR Brass	CW602N
9	Body	DZR Brass	CW602N



## Features

- Heavy-duty brass construction
- High working pressure: PN 25
- Suitable for water, oil, and gas
- Max temperature: <170°C
- BSPT threads (EN 10226-1 / ISO 7)
- Full bore for unrestricted flow
- Size range: ½" to 4" (DN15–DN100)
- Smooth quarter-turn operation

## Applications

- Residential and commercial plumbing systems
- Water supply and distribution networks
- Oil and gas pipelines
- HVAC systems
- Industrial process control
- Irrigation systems

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



## Dimensions

DN	INCH	L ±1	L1	L2 ±1	ØD	H ±1	A
15	½"	60	16.8	92	14	45	31
20	¾"	67	17.7	92	19	50	37
25	1"	76	19.5	105	24	56	45
32	1 1/4"	93	22.7	134	32	73	58
40	1 1/2"	101	22.7	134	40	78	70
50	2"	122	27.3	144	49	93	84
65	2 1/2"	132	25	222	62	127	103
80	3"	157	30	222	74	135	123
100	4"	184.5	32	277	95	146.7	154

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

