



BLAZE

Product Overview

The BLAZE BT 1314 is a bronze double regulating valve with a fixed orifice, designed for accurate flow balancing in HVAC and water systems. Suitable for chilled, hot, and potable water applications, it supports pressures up to PN 25 and temperatures below 120°C.

Material List

No.	Part Name	Material	Specification
1	Body	Bronze	EN 1982 CC491K
2	Disc Face	PTFE	1"-2"
		DZR Brass	EN 12165 CW602N (½"-3/4")
3	Orifice Plate	DZR Brass	EN 12165 CW602N
4	Nut	DZR Brass	EN 12165 CW602N
5	Disc	DZR Brass	EN 12165 CW602N
6	Disc Retaining Ring	DZR Brass	EN 12165 CW602N
7	O Ring	NBR	-
8	Bonnet	Bronze	EN 1982 CC491K (1 1/2"-2")
		DZR Brass	EN 12165 CW602N (1/2"-1 1/4")
9	Stem	DZR Brass	EN 12165 CW602N
10	Retainer Ring	Stainless Steel	SS304
11	Sleeve	Brass	EN 12165 CW617N
12	Screw	Brass	EN 12165 CW617N
13	Handwheel	PA	-
14	Cap	PA	-
15	Screw	Stainless Steel	SS304
16	Test Points	DZR Brass	EN 12165 CW617N



Features

- Bronze body construction
- Fixed orifice for flow measurement
- Double regulating function
- PN 25 pressure rating
- Max temperature <120°C
- BSPT threads (EN 10226-1 / ISO 7)
- WRAS approved
- Sizes: ½"-2" (DN15-DN50)

Applications

- HVAC systems (chilled/hot water)
- Potable water systems
- District cooling and heating
- Commercial and industrial installations

Technical Specifications

- | | |
|-------------------|-----------------------------------|
| ● Parameter | Value |
| ● Size Range | ½"-2" (DN15-DN50) |
| ● Material | Bronze |
| ● Pressure Rating | PN 25 |
| ● Max Temperature | <120°C |
| ● Connection | BSPT (EN 10226-1 / ISO 7) |
| ● Medium | Water, Oil, Steam (incl. potable) |
| ● Certification | WRAS Approved |

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



BLAZE

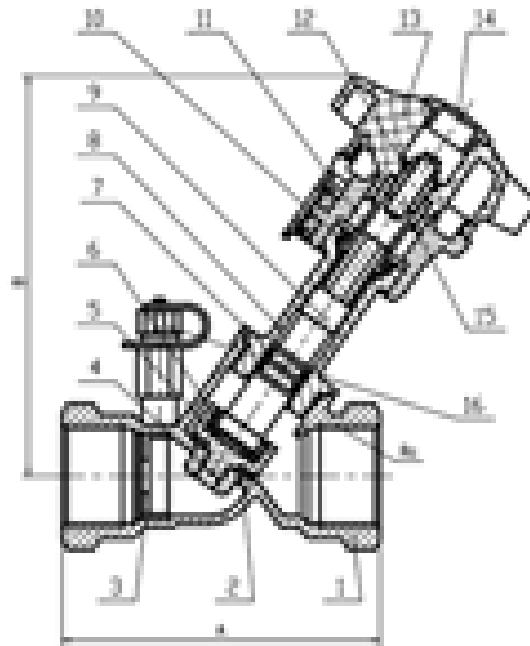
Bronze Fixed orifice Double Regulating Valve

Model No. BT 1314

Dimensions

DN	INCH	A	B
15	½"	87	105
20	¾"	96	106
25	1"	100	127
32	1 1/4"	93	128
40	1 1/2"	125	143
50	2"	146	144

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.