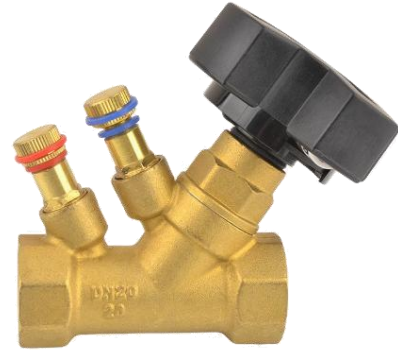


# Static Balancing Valve Specification



## Product Overview

A Brass Static Balancing Valve is a precision-engineered device designed to regulate and stabilize fluid flow in hydraulic systems. It ensures optimal performance by maintaining preset flow rates, eliminating imbalances caused by pressure fluctuations, and enabling efficient system commissioning.

## Key Functions

- **Flow Regulation**

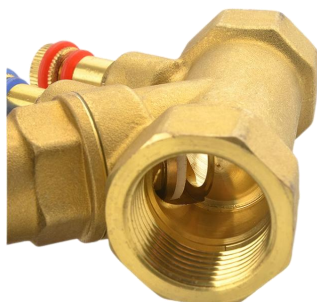
Accurately adjusts and restricts flow rates to achieve design specifications, ensuring even distribution across all branches of a system.
- **Pressure Differential Measurement**

Equipped with pressure gauge ports (optional) to measure the pressure drop across the valve, facilitating system diagnostics and balancing calculations.
- **Hydronic System Balancing**

Stabilizes flow in heating, cooling, or domestic water systems, preventing overflows in short circuits and underflows in remote branches.
- **Isolation Function**

Acts as a shut-off valve for maintenance or repairs without disrupting the entire system.
- **Pre-Setting Capability**

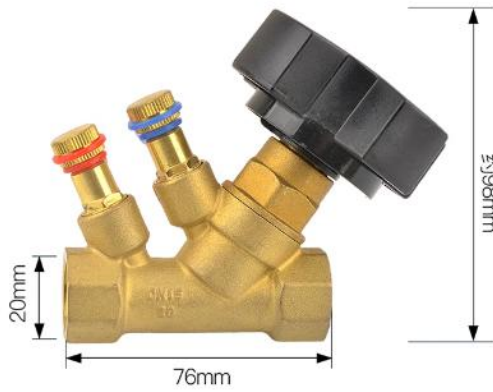
Allows pre-configuration of flow rates using a calibrated scale or locking mechanism, ensuring repeatable performance.



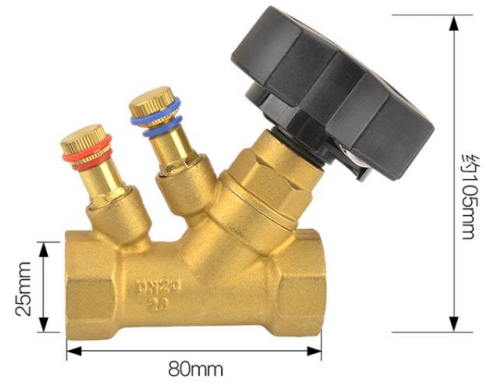
**Size Drawing**

MATERIAL	MEDIA	SIZE RANGE	WORKING TEMP	RESSURE
Brass	Water,Oil, Gas	DN15-DN25	0~120℃	1.6Mpa

4分=G1/2=DN15



6分=G3/4=DN20



1寸=G1=DN25



**Installation & Maintaince**

- Install with sufficient straight pipe upstream/downstream for accurate flow measurement.
- Use a digital manometer or balancing software to calculate required pre-settings.
- Periodically inspect seals and spindle for debris or wear.