

HC-00022

WRAS APPROVED BALANCING VALVE

PN20

Feature and Benefits

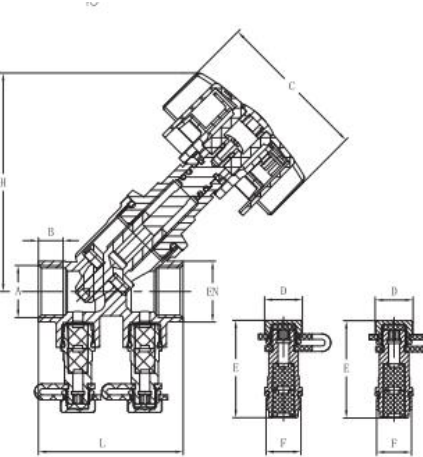
- WRAS certified
- DZR Brass construction (CZ132)
- Long service life of up to 30 years
- Operates reliably at pressures up to 2.0 MPa and temperatures up to 110 °C
- Suitable for water supply, household drinking, and heating systems

Connection Standard

- ISO228-1 parallel thread
- Medium: Water

Test Pressure and Temperature

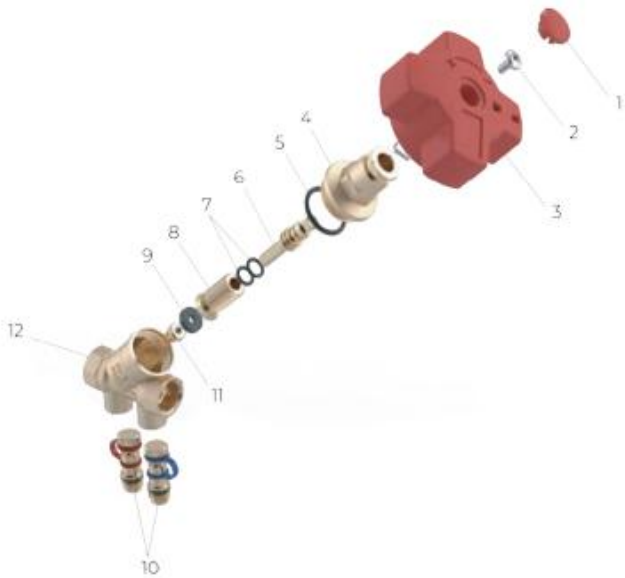
Temperature	Hydraulic
Up to 110 °C	Shell: 3.0 MPa (≈ 30 bar)
	Operating Pressure: 2.0 MPa (≈ 20 bar)



Installation Dimensions

Size"	L1(mm)	H(mm)	D(mm)
1/2"	58.5	70	24.5
3/4"	58.4	70	30.4
1"	89.5	70	38

Materials



NO	PART	Material
1	Color Buckle	ABS
2	Phillips flat head screws	304
3	Hand Wheel	ABS
4	Valve Cover	DZR BRASS
5	O-ring	EPDM
6	Stem	DZR BRASS
7	O-ring	EPDM
8	Water Stop Plate	DZR BRASS
9	O-ring	EPDM
10	Pressure Gauge Joint	DZR BRAS
11	Screw	304
12	Body	DZR BRAS
13	O-ringt	EPDM
14	Plug cap	DZR BRAS

Pressure and Temperature Ratings

- Maximum operating pressure: 2.0 MPa (20 bar).
- Tested hydraulic pressure: 3.0 MPa (30 bar).
- Designed for operation up to 110 °C
- Suitable for use in water supply, heating
- Maintains stable performance across the full temperature range

