

BRASS BALANCING VALVE

SPECIFICATION

- Threaded to BS21 (ISO7), ASME B1.20.1, for Single Unit Systems Conforms to BS7350.
- Y-pattern globe valve having characterized throttling disk tending towards equal percentage performance. Integral square edged entrance orifice plate with test point fitted.
- Operation of the valve is by means of the micro hand wheel.
- Flow Measurement Accuracy: ±5% (fully open)

PRESSURE/TEMPERATURE RATINGS

Working pressure	16/25 bar
Testing Pressure	24/37.5 bar
Working temperature	-10℃ ~ 120℃

MATERIALS

Part		Material	ASTM	BS
Body, Di	sc	Brass	B124 C37700	2874 CZ122
Bonnet		Brass	B124 C37700	2874 CZ122
Stem,	Orifice	Brass Rod	B16 C36000	2874 CZ121
insert				
O-ring		EPDM Rubber		
Hand wh	neel	ABS Plastic		

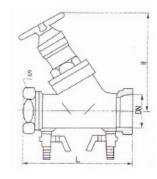
DIMENSIONS

Size(mm)	L(mm)	H(mm)	weight(kg)
15	100	138	0.48
20	115	128	0.50
25	125	130	0.60
32	140	150	1.00
40	160	187	1.50
50	180	198	2.00

Fig. 901

PN16/25 DN 15-50





FLOW RATE

Size(mm)	Flow Rate (I/s)	
	Min	Max
15	0.061	0.132
20	0.131	0.289
25	0.239	0.537
32	0.461	1.120
40	0.681	1.680
50	1.281	3.120

Note:

- % Valve opening: Products it is desirable that the valve will operate within the range indicated. Valve opening down to 30% and up to 100% are acceptable in practice.
- Installation: To achieve quoted levels of flow measurement accuracy the guidelines indicated must be regarded as minimum requirements. For valve the tolerance on flow measurement accuracy is ±5% fully open ±10% when 40% open.