

## Fixed Orifice Double Regulating Valve

### Features

Bronze body  
Pressure Rating : PN25  
Pipe Thread to ISO228 / 1  
Comply with BS7350

### Application

HVAC System, Cold and Hot Water

### Hydrostatic Test Pressure

Body : 37.5 bar  
Seat : 27.5 bar  
Pressure Rating : PN25

### Pressure / Temperature Rating

Working Temperature:  $t < 170\text{ C}$   
7 bar at 170 deg C  
25 bar from - 10 to 100 deg C

### Specification

The Fixed Orifice Double Regulating Valve Offers an accuracy of + 5% on all settings, for precise flow regulation.  
They are Y - pattern globe valves with characterised throttling disc tending towards equal percentage performance.  
Fixed Orifice Double regulating feature allows valve opening to be set with an Allen Key.  
Operation of the valve is by means of the Microset hand wheel.

### Application

In multiple unit systems, it has sufficient authority to give effective regulation over the range of flows covered by matching flow measurement device.

### Material Specification

No	Component	Material
1	Body	Bronze CC491K
2	Disc Face	P.T.F.E
3	Disc Face	DZR Brass CW602N
4	Orifice Plate	DZR Brass CW602N
5	Nut	DZR Brass CW602N
6	Disc	DZR Brass CW602N
7	Disc Retaining Ring	DZR Brass CW602N
8	O Ring	N.B.R
9	Bonnet	DZR BRASS CW602N
10	Bonnet	Bronze CC491K
11	Stem	DZR BRASS CW602N
12	Retainer Ring	Stainless Steel 304
13	Sleeve	Brass CW617N
14	Screw	Brass CW614N
15	Handwheel	PA
16	Cap	PA
17	Screw	Stainless Steel 304
18	Test Points	DZR BRASS CW602N

### Dimensions & Weights

Dimensions					
DN	INCH	A	B	Flow (KV)	Kvs
15	1/2"	87	105	1.72	2.2
20	3/4"	96	106	2.97	4.6
25	1"	100	127	4.75	8.5
32	1 1/4"	114	128	10.25	16.7
40	1 1/2"	125	143	16.83	26.1
50	2"	146	144	27.26	43.2

