

Double Regulating Valve (DRV) D921/D923 PN25



FLUID SYSTEMS

Threaded BSEN10226 formerly BS21 (ISO 7) For Two Unit System Conforms to BS7350*



Specification

Y-pattern globe valves having characterised throttling disk tending towards equal percentage performance. 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.
WRAS approved.

End Connection

Sizes 1 to 2 BS EN 10266 (ISO 7) parallel
Sizes 1/2 & 3/4 DN15 & DN20 BS 2779 (ISO 228) parallel.

Adaptor kits for use with copper tube also available

Also available threaded ANSI B1.20.1 order code D921AT/D923AT.

Application

In two unit systems, the D921 has sufficient authority to give effective regulation over the range of flows covered by matching flow measurement devices/valves.

In particular the D923 low flow regulating valve has an authority matched to the range of ultra low flows covered by the D902 flow measurement device.

Pressure/Temperature Ratings

Temperature °C	-10 to 100	110	120
Pressure (Bar)	25	23.4	21.8

Note: In line with BS EN 1254/2 the maximum pressure must not exceed 16 bar when using compression adaptors.

Compression

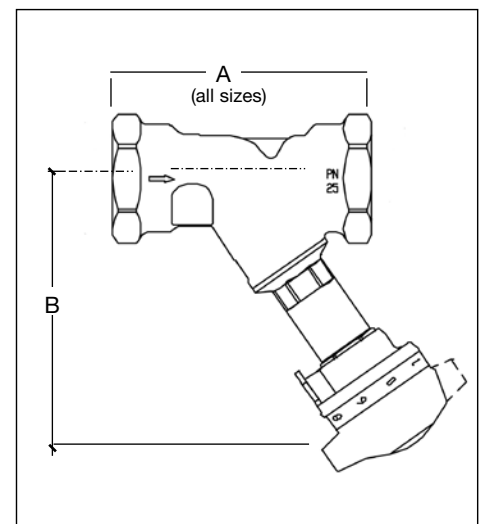
Temperature °C	2 - 30	65	120
Pressure (bar)	16	10	5

Intermediate pressure ratings shall be determined by interpolation.

Maximum temperature 120°C

Dimensions, Coefficients and Weights

Fig. No.	Nom. Size	Dimensions (mm)		Fully Open		Weight Kg
		A	B	Flow Kv	Head loss K	
D921	1/2 DN15	87	105	2.14	23.11	0.54
	3/4 DN20	96	106	3.61	26.14	0.58
	1 DN25	100	127	6.37	21.45	0.88
	1 1/4 DN32	114	128	12.30	17.42	1.05
	1 1/2 DN40	125	143	21.30	10.66	1.43
D923	2 DN50	146	144	31.30	12.63	1.88
	1/2 DN15	87	105	2.26	20.72	0.54



Materials

Part	Material	Specification	Part	Material
Body	Bronze	BSEN1982 CC491K	'O' Ring Seal	EPDM Rubber
Bonnet	DZR copper alloy	BSEN12165 CW602N	Hand Wheel	Plastic
Stem	DZR copper alloy	BSEN12164 CW602N		
Disc	DZR copper alloy	BSEN12164/5 CW602N		

*Except pressure rating exceed BS