

## D931.PF Range

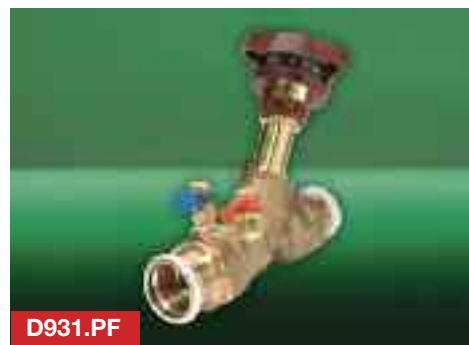
### Bronze Fixed Orifice Double Regulating Valve - PN16

#### Features & Benefits

- Fixed orifice double regulating valve complete with Press-Fit connectors
- Provides precise and accurate flow regulation and measurement
- Standard flow coefficients of D931, D933 and D934 are still valid
- Supplied as one integral unit, meaning less joints to make on-site
- The performance, exact dimensions and tolerances are known in advance
- Incorporates both Crane Fluid Systems and proven Geberit Mapress technology
- Vibration tested to DVGW and bend tested to BS EN 331
- Quickly and easily installed using a Press-Fit tool (supplied by others)

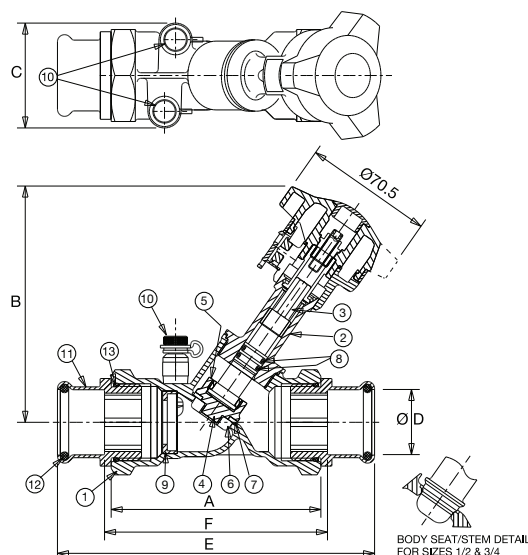
#### Materials

NO.	PART	MATERIAL
1	Body	Bronze BS EN 1982 CC491K
2	Bonnet 1/2" - 1 1/4"	DZR Brass BS EN 12165 CW602N
	Bonnet 1 1/2" - 2"	Bronze BS EN 1982 CC491K
3	Stem	DZR Brass BS EN 12165 CW602N
4	Disc	DZR Brass BS EN 12165 CW602N
5	Disc Retaining Ring (Sizes 1-2" only)	DZR Brass BS EN 12165 CW602N
6	Balancing Cone	DZR Brass BS EN 12165 CW602N
7	Disc Face (Sizes 1-2" only)	PTFE WRAS approved
8	O-Ring Seal	EPDM Rubber WRAS approved
9	Orifice Insert	DZR Brass BS EN 12164 CW602N
10	Cat. No. P84 Press. Test Valve	DZR Brass BS EN 12164 CW602N
11	Press-Fit Connector	Bronze BS EN 1982 CC499K
12	Connector O-Ring	CIIR Butyl Rubber WRAS approved
13	Joint O-Ring	EPDM Rubber WRAS approved



D931.PF

#### Dimensional Drawing



Press-Fit Valves

#### Dimensions & Weights

FIG NO.	SIZE (mm)	DIMENSIONS (mm)						WEIGHT (kg)
		A	B	C	ØD	E	F	
D931.PF / D933.PF / D934.PF	15	87	105	46	15	136.6	92.6	0.716
	18	87	105	46	18	133.0	94.0	0.720
D931.PF	22	96	106	51	22	147.0	106.0	0.788
	28	100	127	56	28	151.6	106.6	1.136
	35	114	128	57	35	172.4	121.4	1.434
	42	125	143	61	42	193.2	134.2	1.906
	54	146	144	75	54	227.0	158.0	2.512

**PRESSURE RATING:** PN16

**TEMPERATURE RATING:** -10 to 120°C

**OPTIONS:** Available in standard flow (D931.PF), low flow (D933.PF) and ultra-low flow (D934.PF)

**CRANE FS D931.PF SPECIFICATION CLAUSE:** Bronze (BS EN 1982 CC491K) Y-Pattern Globe Type Fixed Orifice Double Regulating Valve incorporating integral orifice with corner tappings terminating in Crane P84 test points. Double regulating feature set by Allen Key and valve operation by Microset handwheel having two holes to facilitate fitting of wire security seals. Disc with PTFE insert on sizes 1" and above. The entire unit provides a measurement accuracy of ± 5%. Conforms to BS 7350 for flow measurement and regulation. Complete with Geberit Mapress bronze Press-Fit adaptors Rated PN16, maximum temperature 120°C.

Other specifications clauses are available on request and on our website.

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