

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure



Est. 1963

Availability & Specifications – Maric Flow Control Valves

Body Sizes	Configurations <i>First letter specifies inlet</i>	Flow Rate Availability <i>See all Available Flow Rates below</i>
6mm (1/4")	F&F	from 0.2 to 9 l/m
10mm	F&F	from 0.2 to 9 l/m
15mm	F&F, M&F, F&M	from 0.2 to 23 l/m
20mm	F&F, M&F, F&M	from 0.2 to 59 l/m
25mm	F&F, M&F, F&M	from 0.4 to 114 l/m
32mm	F&F	from 15 to 114 l/m
40mm	F&F	from 15 to 233 l/m
50mm	F&F	from 15 to 342 l/m



Dimensions & Weights

Nominal size	1/4"	10	15	20	25	32	40	50
A/F Dimension "A"	18.0	22.0	25.4	31.8	40.0	50.8	57.0	70.0
FF Body Length "B"	32.0	33.1	41.8	47.9	58.0	66.2	66.2	74.8
MF Body Length "C"	-	15.0	23.2	30.8	39.7	-	-	-
FM Body Length "D"	18.4	15.0	23.2	28.6	36.4	-	-	-
Approx Weight Kg	0.06	0.07	0.1	0.18	0.3	0.6	0.8	1.3-2.2

Standard Performance

Pressure Differential Range
Flow Rate Accuracy
Headloss
Available Flow Rates
 (litres/min)

Unless otherwise specified, **standard** Nitrile "**Precision**" type control rubbers are fitted giving the valve the following standard performance; (Refer also to available; Product Data – Control Rubbers – Precision)

140 – 1000 kPa with Precision Rubbers fitted. (Higher DP options available)

+/- 10%

140 kPa at rated flow. (At lower than rated flows headloss reduces significantly.)

.2 / .25 / .3 / .35 / .4 / .45 / .5 / .55 / .63 / .7 / .8 / .9 / 1.0 / 1.1 / 1.2 / 1.3 / 1.5 / 1.6 / 1.8 / 2.0 / **2.3** / 2.5 / **2.8** / 3.0 / 3.2 / **3.5** / 4.0 / **4.5** / 5.0 / 5.5 / 6.3 / **7.0** / 8.0 / **9.0** / 10 / **11** / 12 / **13** / 15 / **16** / 18 / **20** / 23 / **25** / 28 / **32** / 36 / **41** / 45 / **49** / 54 / **59** / 66 / 73 / 82 / 91 / 102 / 114 / 125 / 138 / 150 / 162 / 180 / 199 / 216 / 233 lpm up to 342 lpm Kwyflo flow rate options, (quiet design) are limited to the flows listed in **underlined bold type**

Materials

Body "DR" Brass to AS1562 alloy 352 (plus chrome plating if applicable)
 Chrome plated valves are available in most 15, 20 & 25mm body sizes

Quality & Construction

Threads Valves comply to WaterMark Technical Standards WMTS-037.1 and AS 4020
 BSPT to AS ISO 7.1-2008 Male Series R, Female RP
 NPT available for minimum order quantities.

Max Pressure Differential

1500 kPa (for N6 and EP rubbers only)

Max Hydrostatic Pressure

6000 kPa

Max Temperature

60°C for Nitrile control rubbers, 100°C for EPDM

Compatible Control Rubbers

Standard Precision P (Non Standard LP, N6, EP, V, K, HF)

Specifying valves

When ordering these valves, please be sure to specify;

- Body size • Thread configuration • Body material
- Control rubber material and pressure differential range - if other than Precision
- Flow Rate



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