

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure



Est. 1963

Availability & Specifications – Maric Flow Control Valves

Designed for mounting between Table “D” pipe flanges.

Sizes	flow rate ranges avail.	standard no. of control rubbers
20mm	from 0.4 to 114 l/m	1
25mm	from 0.4 to 233 l/m	1
32mm	from 0.4 to 233 l/m	1
40mm	from 0.4 to 233 l/m	1
50mm	from 0.4 to 342 l/m	1 – 3



Dimensions & Weights

Nominal size	20	25	32	40	50
Diameter	61.0	71.0	75.0	86.0	98.0
Thickness	22.0	22.0	22.0	22.0	22.0
Approx Weight Kg	0.45	0.6	0.8	0.9	1.2

Standard Performance

Pressure Differential Range
Flow Rate Accuracy
Headloss
Available Flow Rates

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 (Higher DP options available)

+/- 10%

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

.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 / 3.2 / 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

Materials

Body
Sealing O’Rings

“DR” Brass to AS1567 alloy 352
 Nitrile, potable water approved to AS4020 or EPDM or Viton if applicable

Construction

Flange Specification

Valve assemblies comply to Australian Technical Standards ATS5200-037.1
 Suits standard table “D” flanges to AS2129 and AS4087 Class 14
 Alternative specs are available - Refer to Valve Selection Guide for additional info.
 Standard Wafers are not full flange type i.e. flange bolts locate wafer concentrically and remain visible when viewing assembly. Wafers are fitted with an o’ring in each face for sealing against smooth flat faced flanges. Gaskets will however be required where grooved, raised or rough cast face flanges are used.
 PVC and Poly Stub Flanges note; Due to smaller I.D. of these flanges/pipes, optional spacers are often required to prevent restriction.

Max Pressure Differential
Max Hydrostatic Pressure
Max Temperature
Compatible Control Rubbers

1500 kPa (for N6 and EP rubbers only)
 6000 kPa
 60°C for Nitrile control rubbers, 100°C for EPDM
 Standard Precision P (Non Standard LP, N6, EP, K, V, HF)

Specifying valves

When ordering these valves, please be sure to specify;

- Body size
- Flange specification (if other than Table D)
- Body material
- Control rubber material and pressure differential range (if other than Precision)
- Flow Rate

www.maric.com

Telephone:

08 8431 2281

(+61 8 8431 2281)

Facsimile:

08 8431 2025

