

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
25mm	from 0.4 to 114 l/m	1
32mm	from 15 to 114 l/m	1
40mm	from 15 to 233 l/m	1
50mm	from 15 to 342 l/m	1 – 3
65mm	from 15 to 456 l/m	4
80mm	from 15 to 699 l/m	3
100mm	from 15 to 1279 l/m	6
150mm	from 15 to 2320 l/m	12
200mm	from 114 to 4427 l/m	19
250mm	from 114 to 6058 l/m	26
300mm	from 114 to 8854 l/m	38



## Dimensions & Weights

Nominal size	20	25	32	40	50	65	80	100	150	200	250	300
Diameter	61.0	71.0	75.0	86.0	98.0	111.0	130.0	162.0	219.0	276.0	336.0	386.0
Thickness	22.0	22.0	22.0	22.0	22.0	22.0	22.0	24.0	24.0	28.0	32.0	40.0
Approx Weight Kg	0.45	0.6	0.7	0.9	1.2	1.2	1.6	2.7	5.0	11.0	19.0	31.0

## 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 / 3.0 / 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 8854 lpm

## Materials

**Body**  
**Sealing O’Rings**

316 Stainless Steel to ASTM484/A276  
 Nitrile, potable water approved to AS4020 or EPDM or Viton if applicable

## Flange Specification

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**

2000 kPa (for N7 & E7 rubbers only)  
 6000 kPa  
 60°C for Nitrile control Rubbers - 100°C for EPDM - 200°C for Viton  
 Standard Precision P (Non Standard LP, N6, N7, EP, E7, 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

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