

Maric Flow
 Control Valves

Constant
 Flow Rate
 Regardless
 of Pressure

Specifications – Valve bodies

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

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)

Pressure Differential Range	140 – 1000 kPa
Flow Rate Accuracy	+/- 10%
Headloss	140 kPa at rated flow. (At lower than rated flows headloss reduces significantly.)
Available Flow Rates	.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 “DR” Brass to AS1567 alloy 352
Sealing O’Rings 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. PVC and Poly Stub Flanges note; Due to smaller I.D. of these flanges/pipes, Optional spacers are often required to prevent restriction. Please contact a Maric rep

Max Pressure Differential
Max Hydrostatic Pressure
Max Temperature
Compatible Control Rubbers

1500 kPa or limited by Control Rubber type
 6000 kPa
 60°C for Nitrile control rubbers, 100°C for EPDM
 P, 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

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