MARIC FLOW CONTROL
AUSTRALIA
Maric Constant
Flow Valves

50 Years
Est. 1963

Product Data

Wafer Type Valves

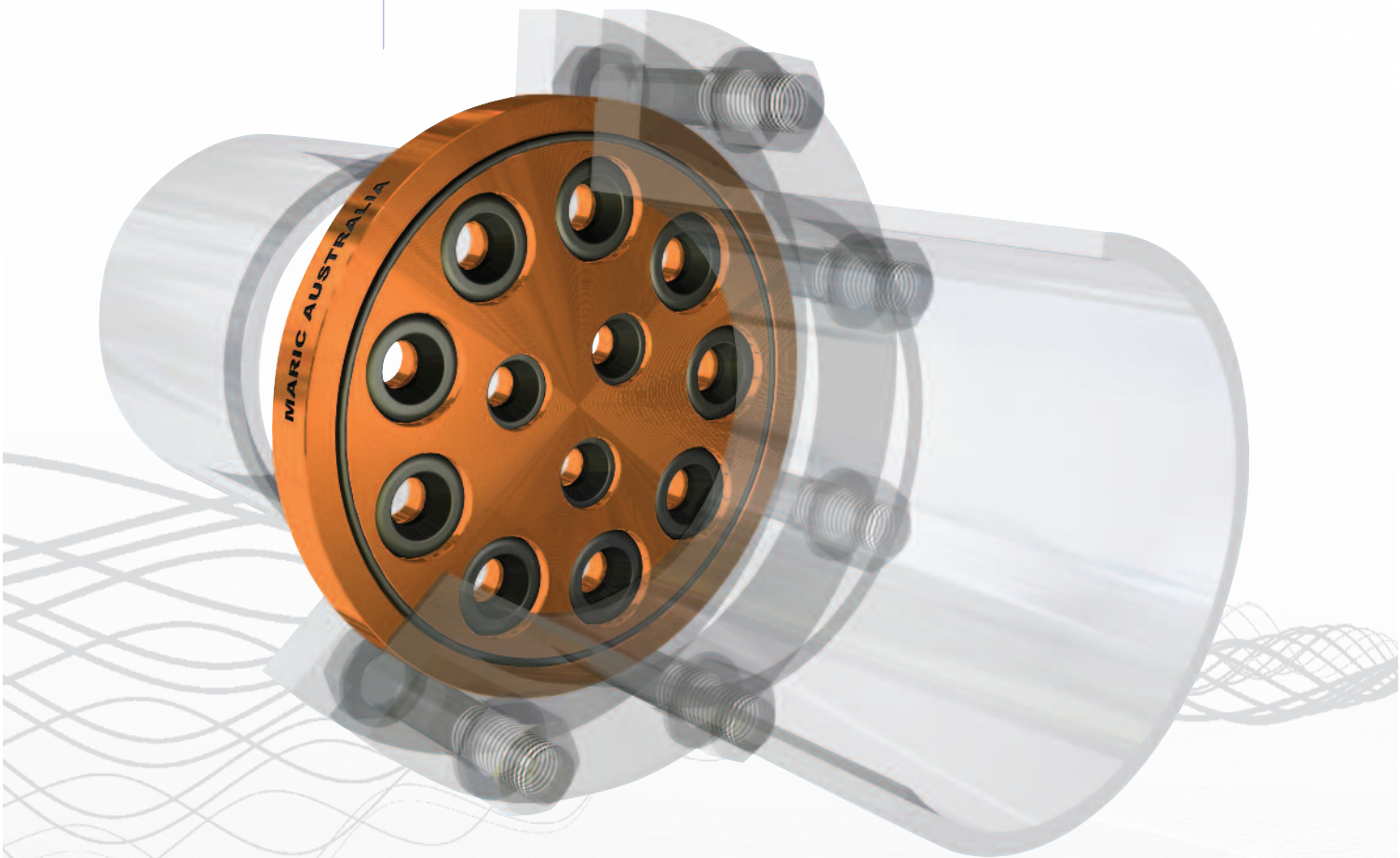
Brass

Gunmetal

PVC

Stainless Steel - Table D

Stainless Steel -ANSI/ASME



WaterMark
Quality Assured
S37 Standards Australia

AUSTRALIAN MADE

Exported
Globally

Distributed in Australia by

BEAVER
PROCESS EQUIPMENT

Brass Wafer type valves

MARIC FLOW CONTROL AUSTRALIA

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure

50 Years

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

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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 (Higher DP options available)

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 / 3.0 / 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

Quality & Construction

Valves comply to WaterMark Technical Standards WMTS-037.1 and AS 4020

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 1500 kPa (for N6 and EP rubbers only)

Max Hydrostatic Pressure 6000 kPa

Max Temperature 60ºC for Nitrile control rubbers, 100ºC for EPDM

Compatible Control Rubbers 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

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Gunmetal Wafer type valves

MARIC FLOW CONTROL AUSTRALIA

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure

50 Years

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
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	28.0	35.0	40.0	50.0
Approx Weight Kg	0.45	0.5	0.8	0.9	1.2	1.3	1.9	3.1	7.0	13.0	25.0	45.0

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 (Higher DP options available)

Flow Rate Accuracy +/- 10%

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

Available Flow Rates 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 LG2 or LG4 to BS1400

Sealing O'Rings 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 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, 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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PVC Wafer type valves

MARIC FLOW CONTROL AUSTRALIA

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure

50 Years

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

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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	24.0	24.0	24.0	24.0	24.0	24.0	24.0	39.5	39.5	49.0	80.0	100.0
Approx Weight Kg	0.10	0.12	0.13	0.15	0.23	0.24	0.37	0.93	1.0	2.7	9.0	13.0

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 / 3.0 / 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 8854 lpm

Materials

Body Grey UPVC, Special grade to suit potable water requirements to AS4020

Sealing O'Rings Nitrile, potable water approved to AS4020 or EPDM or Viton if applicable

Quality & Construction Valves comply to WaterMark Technical Standards WMTS-037.1 and AS 4020

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 1000 kPa or limited by Control Rubber type

Max Hydrostatic Pressure 3000 kPa

Max Temperature 50°C

Compatible Control Rubbers Standard Precision P (Non Standard LP, 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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Stainless Steel Wafer type valves - Table D

MARIC FLOW CONTROL AUSTRALIA

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure

50 Years

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

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 (Higher DP options available)

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 / 3.0 / 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 316 Stainless Steel to ASTM484/A276

Sealing O'Rings 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 2000 kPa (for N7 & E7 rubbers only)

Max Hydrostatic Pressure 6000 kPa

Max Temperature 60°C for Nitrile control Rubbers - 100°C for EPDM - 200°C for Viton

Compatible Control Rubbers 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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MARIC FLOW CONTROL AUSTRALIA

Maric Constant Flow Valves

Constant Flow Rate Regardless of Pressure

50 Years

Est. 1963

Product Data

Stainless Steel Wafer type valves - ANSI/ASME *p. 35*

Availability & Specifications – Maric Flow Control Valves

Designed for mounting between ANSI 150 and ANSI 300 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 - ANSI150	57.1	66.6	76.2	86.0	104.8	123.9	136.6	174.7	222.3	279.4	339.7	409.6
Diameter - ANSI 300	66.7	73.1	82.6	95.3	111.2	130.2	149.2	181.0	250.8	308.0	361.9	422.3
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

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 / 3.0 / 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 316 Stainless Steel to ASTM484/A276

Sealing O'Rings Nitrile, potable water approved to AS4020 or EPDM or Viton if applicable

Flange Specification

Suits ANSI flanges (ASME/ANSI B16.5)
Alternative specs are available - *Refer to Valve Selection Guide.*
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 2000 kPa (for N7 & E7 rubbers Only)

Max Hydrostatic Pressure 6000 kPa

Max Temperature 60°C for Nitrile control rubbers - 100°C for EPDM - 200°C for Viton

Compatible Control Rubbers 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 (ANSI 150 or otherwise)
- Body material
- Control rubber material and pressure differential range (if other than Precision)
- Flow Rate

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