

Victaulic® MNPT x FNPT Brass Ball Valve

Series 722P



1.0 PRODUCT DESCRIPTION

Available Sizes

- ¼ – 2"/DN8 – DN50

Maximum Working Pressure for Water, Oil, Gas (WOG) Service

- ¼ – 2"/DN8 – DN50: 600 psi/4138 kPa/41 Bar

Operating Temperature Range

- 0°F to +250°F/-18°C to +121°C

Function

- Full port, male x female threaded valve for on/off service in potable water systems.

2.0 CERTIFICATIONS/LISTINGS



IAPMO Certified in accordance with ANSI/NSF 61 for cold +73°F/+23°C and hot +180°F/+82°C potable water service and ANSI/NSF 372.

3.0 SPECIFICATIONS – MATERIAL

Series 722P Brass Body Ball Valve

Body: Forged brass per UNS C46500

Ball: Stainless steel per UNS S30400

Stem: Stainless steel per UNS S30400

Seat: Polytetrafluoroethylene (PTFE)

Handle: Zinc-plated carbon steel with vinyl grip

Stem Nut: Stainless steel per UNS S30400

Packing: Polytetrafluoroethylene (PTFE)

O-Ring: NBR

Bonnet: Forged brass per UNS C465000

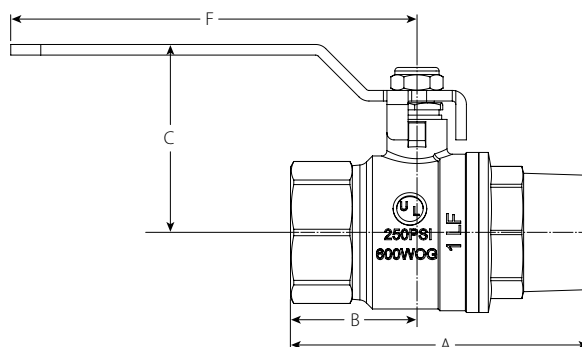
Packing Nut: Brass

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.



4.0 DIMENSIONS

Series 722P Brass Body Ball Valve



Size		Dimensions				Weight
Nominal inches DN	Nominal Actual Outside inches mm	A (E to E) inches mm	B (C to E) inches mm	C inches mm	F inches mm	Approximate (Each) lb kg
1/4 DN8	0.540 13.7	2.11 54	0.87 22	1.53 39	3.10 79	0.4 0.2
3/8 DN10	0.675 17.1	2.11 54	0.87 22	1.53 39	3.10 79	0.4 0.2
1/2 DN15	0.840 21.3	2.49 63	1.02 26	1.67 42	3.70 94	0.5 0.2
3/4 DN20	1.050 26.9	2.78 71	1.17 30	1.93 49	3.90 99	0.8 0.4
1 DN25	1.315 33.7	3.33 85	1.41 36	2.09 53	4.30 109	1.2 0.5
1 1/4 DN32	1.660 42.4	3.76 96	1.65 42	3.23 82	5.60 142	1.8 0.8
1 1/2 DN40	1.900 48.3	4.15 105	1.83 47	3.44 87	5.60 142	2.3 1.0
2 DN50	2.375 60.3	4.76 121	2.12 54	3.86 98	6.50 165	3.7 1.7

5.0 PERFORMANCE

C_v/K_v Values:

C_v/K_v values for flow of water at 60°F/16°C are shown in the table below.
For additional details contact Victaulic.

Formulas for C_v and K_v values

$$\Delta P = \frac{Q^2}{C_v^2}$$

$$Q = C_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (GPM)

ΔP = Pressure Drop (psi)

C_v = Flow Coefficient

$$\Delta P = \frac{Q^2}{K_v^2}$$

$$Q = K_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (m³/hr)

ΔP = Pressure Drop (Bar)

K_v = Flow Coefficient

Size		Flow
Nominal inches DN	Actual Outside Diameter inches mm	Full Open C _v K _v
1/4 DN8	0.540 13.7	3 2
3/8 DN10	0.675 17.1	6 5
1/2 DN15	0.840 21.3	13 11
3/4 DN20	1.050 26.9	27 24
1 DN25	1.315 33.7	38 33
1 1/4 DN32	1.660 42.4	47 41
1 1/2 DN40	1.900 48.3	96 83
2 DN50	2.375 60.3	167 144

6.0 NOTIFICATIONS

⚠️ WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, foot protection, and hearing protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

- [I-100: Victaulic Field Installation Handbook](#)
- [Q8.50 Victaulic® Balancing Valve TA Series 78BL](#)
- [Q8.51: Victaulic® ICSS – Low-Lead Balancing Valve TA Series 76X](#)
- [Q8.58: Victaulic® Therm Zero Valve for Potable Water Applications TA Series 7TZ](#)
- [Q8.59: Victaulic Balancing Valve for Potable Water Applications TA Series 79Q](#)
- [Q8.75: Victaulic® Domestic Water Kits for Hydronic Balancing Series 7WB, Series 7W9, Series 7WT and Series 7WX](#)

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for determining the suitability of Victaulic products for their end-use application, in accordance with industry standards, project specifications, and Victaulic’s published performance, maintenance, and safety data, as well as all warnings and installation instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company’s standard conditions of sale, warranty, installation instructions, or this disclaimer.

Installation

Always refer to and follow the [Victaulic Installation Handbook](#) or installation instructions for the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at [victaulic.com](#).

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

Intellectual Property Rights

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Note

All products bearing a Victaulic trademark are manufactured by Victaulic or to Victaulic specifications. All products are to be installed only in accordance with the applicable Victaulic installation instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.