

Victaulic® Gate Valve

Series 371/W371 Outside Screw & Yoke (OS&Y) Gate Valves

Series 372/W372 Non-Rising Stem (NRS) Gate Valves



08.48



Series 371



Series 372



Series W371



Series W372

1.0 PRODUCT DESCRIPTION

Available Sizes

- 2 ½ – 18"/DN80 – DN450

Pressure Class

- 250 psi/1725 kPa/17 Bar

Application

- For on/off service only
- 2 ½ – 12"/DN80 – DN300 Victaulic Original Groove System (OGS)
- 14 – 18"/DN350 – DN450 Victaulic Advanced Groove System (AGS)

NOTE

- Series 371, 372, W371 and W372 gate valves conform to the requirements of AWWA C509

Operating Temperature

- -20°F to +180°F/-29°C to +82°C

Actuation Option

- Hand Wheel
- T Handle
- Indicator Post
- 2" Operating Nut
- Stem Extensions
- Floor Boxes
- Bevel Gear
- Chain Wheel

2.0 CERTIFICATIONS/LISTINGS



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



3.0 MATERIAL SPECIFICATIONS

Series 371 Outside Screw & Yoke (OS&Y) Gate Valves

Body: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Body Gasket/Stem Seals/O-rings: EPDM conforming to ASTM D2000

Body Bolts: Plated carbon steel conforming to ASTM A574

Yoke: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet/Body Coating: Fusion bonded epoxy coating in accordance with AWWA C550

Disc/Wedge: Ductile Iron conforming to ASTM A536 Grade 65-45-12, coating EPDM conforming to ASTM D2000

Disc/Wedge Nut: Brass, ASTM B62 C83600

Stem: Aluminum bronze conforming to ASTM B150 C61400

Stem Packing: EPDM conforming to ASTM D2000

Handwheel: Ductile iron conforming to ASTM A536 Grade 65-45-12

Handwheel Nut: Carbon steel conforming to ASTM A194-2H

Series W371 Outside Screw & Yoke (OS&Y) Gate Valves

Body: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet Gasket/Stem Seals/O-rings: EPDM conforming to ASTM D2000

Body Bolts: Plated carbon steel conforming to ASTM A574

Yoke: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet/Body Coating: Fusion bonded epoxy coating in accordance with AWWA C550

Disc/Wedge: Ductile Iron conforming to ASTM A536 Grade 65-45-12, coating EPDM conforming to ASTM D2000

Disc/Wedge Nut: Brass, ASTM B62 C83600

Stem: Stainless Steel conforming to ASTM A276 SS304

Stem Packing: EPDM conforming to ASTM D2000

Handwheel: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Handwheel Nut: Carbon Steel conforming to ASTM A194-2H

3.0 MATERIAL SPECIFICATIONS (CONTINUED)

Series 372 Non-Rising Stem (NRS) Gate Valves

Body: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Body Gasket/Stem Seals/O-rings: EPDM conforming to ASTM D2000

Body Bolts: Plated carbon steel conforming to ASTM A574

Bonnet: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet/Body Coating: Fusion bonded epoxy coating in accordance with AWWA C550

Disc/Wedge: Ductile Iron conforming to ASTM A536 Grade 65-45-12, coating EPDM conforming to ASTM D2000

Disc/Wedge Nut: Brass, ASTM B62 C83600

Stem: Aluminum bronze conforming to ASTM B150 C61400

Stem Nut: Bronze confirming ASTM B62 C83600

Stem Packing: EPDM conforming to ASTM D2000

Square Nut: Ductile iron conforming to ASTM A536 Grade 65-45-12

Series W372 Non-Rising Stem (NRS) Gate Valves

Body: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Body Gasket/Stem Seals/O-rings: EPDM conforming to ASTM D2000

Body Bolts: Plated carbon steel conforming to ASTM A307

Bonnet: Ductile Iron conforming to ASTM A536 Grade 65-45-12

Bonnet/Body Coating: Fusion bonded epoxy coating in accordance with AWWA C550

Disc/Wedge: Ductile Iron conforming to ASTM A536 Grade 65-45-12, coating EPDM conforming to ASTM D2000

Disc/Wedge Nut: Brass, ASTM B62 C83600

Stem: Stainless Steel conforming to ASTM A276 SS304

Stem Nut: Bronze confirming ASTM B62 C83600

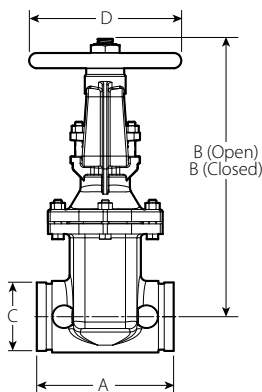
Stem Packing: EPDM conforming to ASTM D2000

Square Nut: Ductile iron conforming to ASTM A536 Grade 65-45-12

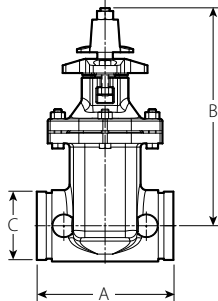
4.0 DIMENSIONS

Series 371/W371 Outside Screw & Yoke (OS&Y) Gate Valves

Series 372/W372 Non-Rising Stem (NRS) Gate Valves



Series 371
Grooved x Grooved



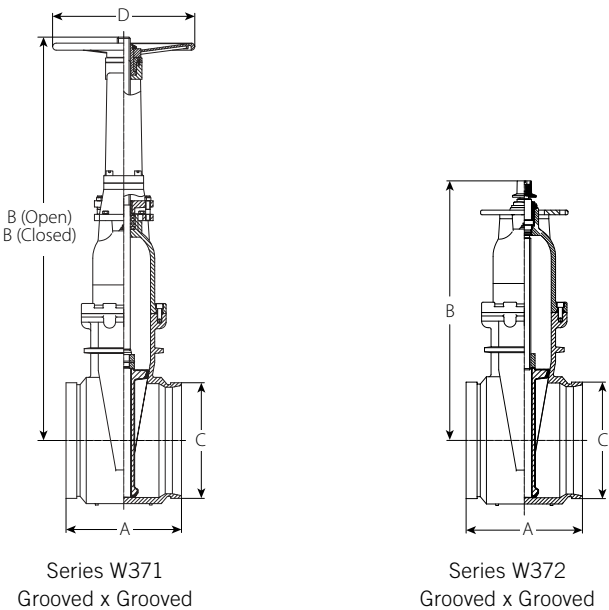
Series 372
Grooved x Grooved

Size		Dimensions						Weight	
Nominal inches DN	Actual Outside Diameter inches mm	A inches mm	Series 371 Height B Closed inches mm	Series 371 Height B Open inches mm	Series 372 Height B inches mm	C inches mm	D inches mm	Approximate (Each)	
								Series 371 lb kg	Series 372 lb kg
2½	2.875 73.0	7.500 190.5	16.25 411	18.75 476	11.13 280	3.00 74	7.88 200	45.2 20.5	36.2 16.5
3 DN80	3.500 88.9	7.992 203	17.13 434	20.38 517	12.25 311	3.50 89	7.88 200	68.1 31.0	49.6 22.5
4 DN100	4.500 114.3	9.016 229	18.13 460	22.13 561	13.63 345	4.50 115	10.25 261	88.2 40.0	71.9 32.5
6 DN150	6.625 168.3	10.512 267	24.00 608	29.88 757	17.25 436	6.75 169	12.50 315	142.9 65.0	114.6 52.0
8 DN200	8.625 219.1	11.496 292	28.63 727	36.50 927	20.13 512	8.75 220	14.88 375	246.0 111.5	198.4 90.0
10 DN250	10.750 273.0	12.992 330	35.13 891	45.00 1140	24.13 611	10.75 274	16.50 417	352.0 159.5	304.2 138.0
12 DN300	12.750 323.9	14.016 356	40.13 1020	52.00 1320	27.75 704	12.75 324	17.63 446	487.2 221.0	425.5 193.0

4.0 DIMENSIONS (CONTINUED)

Series 371/W371 Outside Screw & Yoke (OS&Y) Gate Valves

Series 372/W372 Non-Rising Stem (NRS) Gate Valves



Size		Dimensions						Weight	
Nominal inches DN	Actual Outside Diameter inches mm	A inches mm	Series W371 Height B Closed inches mm	Series W371 Height B Open inches mm	Series W372 Height B inches mm	C inches mm	D inches mm	Approximate (Each)	
								Series W371 lb kg	Series W372 lb kg
14 DN350	14.000 355.6	15.00 381	48.75 1236	63.25 1606	33.13 840	14.00 356	19.75 501	593.0 269.0	496.0 225.0
16 DN400	16.000 406.4	16.00 406	51.63 1310	67.63 1718	35.88 911	16.00 406	19.75 501	743.0 337.0	732.0 332.0
18 DN450	18.000 457.2	17.00 432	59.00 1497	77.25 1961	39.63 1005	18.00 457	19.75 501	904.0 410.0	826.7 375.0

5.0 PERFORMANCE

Not applicable – contact Victaulic with any questions.

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 compromise system integrity or cause system failure, resulting in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

- [29.01: Terms and Conditions/Warranty](#)
- [I-100: Field Installation Handbook](#)

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 No statement concerning the use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Victaulic or any of its affiliates, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right. The terms “Patented” or “Patent Pending” refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries. Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries. 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.
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