

Gate Valve

Series 771M Outside Stem & Yoke (OS&Y)



08.45



Series 771M
Grooved x Grooved



Series 771M
Grooved x Flanged

1.0 PRODUCT DESCRIPTION

Available Sizes

- 2½ – 12"/DN65 – DN300

Pressure Class

- 250 psi /1725 kPa /17 Bar

Application

- For on/off service only

Operating Temperature

- -20°F to + 180°F/-29°C to +82°C
- Victaulic Original Groove System (OGS)

Actuation Option

- Hand wheel

2.0 CERTIFICATION/LISTINGS

Product designed and manufactured under the Victaulic Quality Management System, as certified by LPCB in accordance with ISO-9001:2008.

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

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	



3.0 MATERIAL SPECIFICATIONS

Series 771M Outside Stem & Yoke (OS&Y) Gate Valves

Body: Ductile iron conforming to ASTM A-536 grade 65-45-12.

Body Gasket: Nitrile or EPDM

Body Bolts: Plated steel w/ Plastic covers

Yoke: Ductile iron conforming to ASTM A-536 grade 65-45-12

Bonnet: Ductile iron conforming to ASTM A536 grade 65-45-12

Bonnet/Body Coating: Fusion bonded epoxy coating

Disc: Cast iron, Nitrile or EPDM coated

Disc Nut: Bronze, conforming to ASTM B62

Stem: Brass, ASTM B16

O-Ring Seals: Nitrile or EPDM

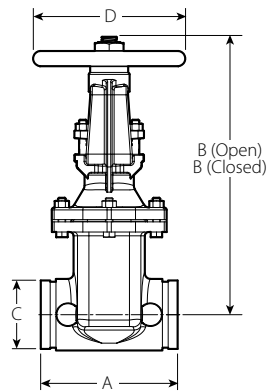
Stem Packing: Graphite

4.0 DIMENSIONS

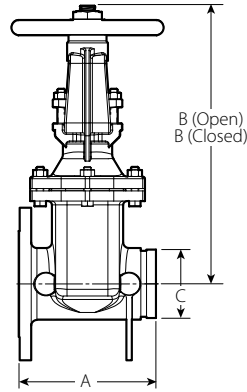
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Size		Dimensions					Weight
Nominal inches DN	Actual Outside Diameter inches mm	A inches mm	Height B		C inches mm	D inches mm	Approximate (Each) lb kg
			Closed inches mm	Open inches mm			
2½ DN65	2.88	7.500	16.18	18.74	2.88 73	7.87 200	31.5
	73	190.5	411	476			14.3
3	3.00	7.500	16.18	19.18	3.00 76.1	7.87 200	31.5
	76.1	190.5	411	487.1			14.3
3 DN80	3.50	7.992	17.09	20.34	3.50 88.9	7.87 200	39.3
	88.9	203	434	514			17.8
4 DN100	4.50	9.016	18.11	22.05	4.50 114.3	10.24 260	55.4
	114.3	229	460	560			25.1
6	6.50	10.512	23.90	30.40	6.50 165.1	12.40 315	104.8
	165.1	267	607	772.1			47.5
6 DN150	6.63	10.512	23.90	29.80	6.63 168.3	12.40 315	104.8
	168.3	267	607	757			47.5
8 DN200	8.63	11.496	28.59	36.46	8.63 219.1	14.76 375	174.0
	219.1	292	726	926			78.9
10 DN250	10.75	12.992	35.04	44.88	10.75 273	16.38 416	262.4
	273	330	890	1140			119
12 DN300	12.75	14.016	40.12	51.93	12.75 323.9	17.52 445	392.9
	323.9	356	1019	1319			178.2

5.0 PERFORMANCE

Not Applicable

6.0 NOTIFICATIONS

This series is not agency listed for fire protection service. Please see [submittal 10.92](#) for fire service products.

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 making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as Victaulic performance, maintenance, safety, and warning 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, installation guide, or this disclaimer.

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Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation

Reference should always be made to the Victaulic installation handbook or installation instructions of 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 www.victaulic.com.

Warranty

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

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