

Diverter Valve

Series 725



Series 725
with electric actuator



Series 725
with manual actuator



Series 725
with pneumatic actuator

1.0 PRODUCT DESCRIPTION

Available Sizes

- 6"/150 mm

Pressure Rating/Maximum Working Pressure

- Up to 1000 psi/6900 kPa

Function

- 3-way diverter valve

Pipe Preparation

- Victaulic Original Groove System (OGS)

Application

- Intended for use in Paste Backfill mining operations
- Exclusively for use with pipe and Victaulic products featuring ends formed with the Victaulic OGS groove profile

Actuation Options

- Manual actuator, hand wheel with limit stop and standard ISO FA14 mounting flange
- Manual actuator with chain wheel
- Multi-turn Electric actuator
- Pneumatic actuator
- SO 5211, FA30 mounting flange, no operator

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 SPECIFICATIONS – MATERIAL

Body/Bonnet Coupling and Body: Ductile iron conforming to ASTM A536, grade 65-45-12.

Plug: Ductile iron conforming to ASTM A-536, grade 65-45-12. PPS coating standard.

Body Seal: PTFE

Gasket and O-Rings: (specify choice¹)

☐ **Grade “T” Nitrile**

Nitrile (Orange color code). Temperature range –20°F to +180°F/–29°C to +82°C. Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range; except hot, dry air over +140°F/+60°C and water over +150°F/+66°C. NOT RECOMMENDED FOR HOT WATER SERVICES.

¹ Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets are not compatible. Reference should always be made to the latest [Victaulic Gasket Selection Guide](#) for specific gasket service guidelines and for a listing of services which are not compatible.

Drive Stem: 17-4 stainless steel.

Bushing: Bronze conforming to C-932.

Mounting Bracket: Structural steel conforming to ASTM A-500, Grade B.

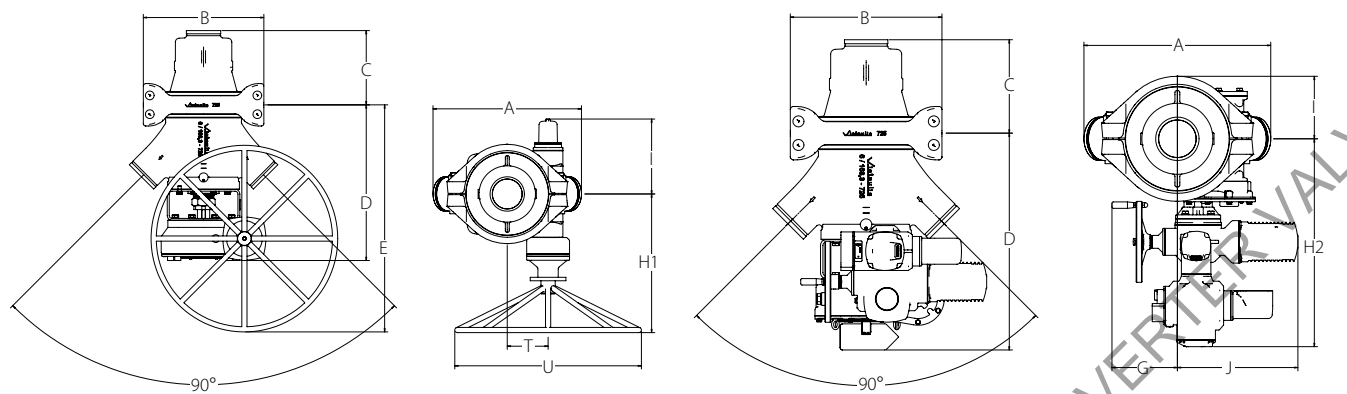
Manual Actuator: Gear operator contains internal stops to prevent damage to the valve. Manual actuator with chainwheel option available.

Optional: Electric Actuator, Pneumatic Actuator, No Actuator



4.0 DIMENSIONS

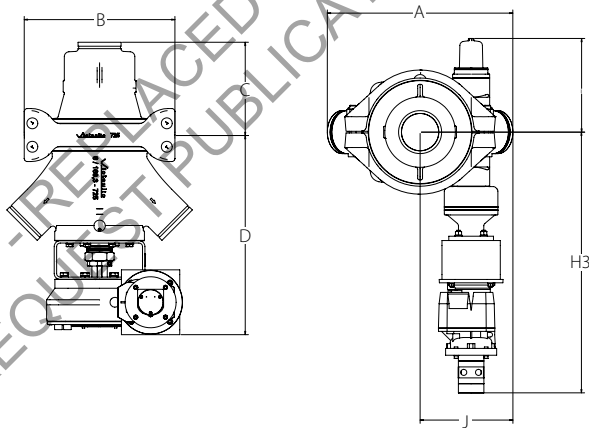
Series 725



Series 725 with Manual Actuator

Series 725 with Electric Actuator

Nominal Size	Actual Outside Diameter	Dimensions														Weight	
		A	B	C	D Manual	D Electric	E Manual	G Electric	H ₁ Manual	H ₂ Electric	I Manual	I Electric	J Electric	T Manual	U	Approximate (Each)	
																lb	kg
inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	Electric. Actuator	Gear. Operator	
6	6.625	28.63	23.25	14.38	30.13	33.25	43.88	10.13	26.75	31.88	14.50	9.63	18.50	7.88	36	1250.0	980.0
150	168.3	727.3	590	363	762	844	1112	255	679	808	367	245	469	200	914	567.0	444.5



Series 725 with Pneumatic Actuator

Nominal Size	Actual Outside Diameter	Dimensions							Weight
		A	B	C	D Pneumatic	H3 Pneumatic	I Pneumatic	J Pneumatic	
inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	inches mm	Approximate (Each) lb kg
6	6.625	28.63	23.25	14.38	30.75	40.25	14.50	14.38	1250.0
150	168.3	727.3	590	363	780	1021	368	364	567.0

5.0 PERFORMANCE

Not applicable - contact Victaulic with any questions.

6.0 NOTIFICATIONS

Not applicable - contact Victaulic with any questions.

7.0 REFERENCE MATERIALS

Valve Numbering System

V060725M11

Class	Size	Style	Operator	Operator Options	End Prep
V	060	725	M – Manual Actuator E – Electric Actuator P – Pneumatic O – Other	O – None Manual Operators M – Hand Wheel N – Chain Wheel Electrical Voltage 1 – 480V, 60Hz, 3 phase 2 – 575V, 60 Hz, 3 phase 3 – 380V, 50 Hz, 3 phase 4 – 380V, 60 Hz, 3 phase 5 – 220V, 60 Hz, 3 phase 6 – 400V, 50 Hz, 3 phase 7 – 415V, 50 Hz, 3 phase	1 – OGS Grooved 3 – Other Specify

- 05.01: Seal Selection Guide
- 29.01: Terms and Conditions/Warranty
- I-100: Field Installation Handbook
- I-725: Series 725 Diverter Valve Installation Manual

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.

Intellectual Property Rights

No statement contained herein concerning a possible or suggested use of any material, product, service, or design is intended, or should be constructed, to grant any license under any patent or other intellectual property right of Victaulic or any of its subsidiaries or affiliates covering such use or design, 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.

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.

Trademarks

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.