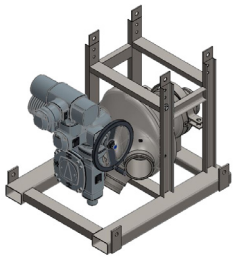
Series 725 Valve Frame

Scan QR Code for Victaulic Publication 08.41 for Overall Dimensions and Weights

Scan QR Code for the I-725S Installation and Operating Instructions

Scan QR Code for the I-725T Installation and Operating Instructions

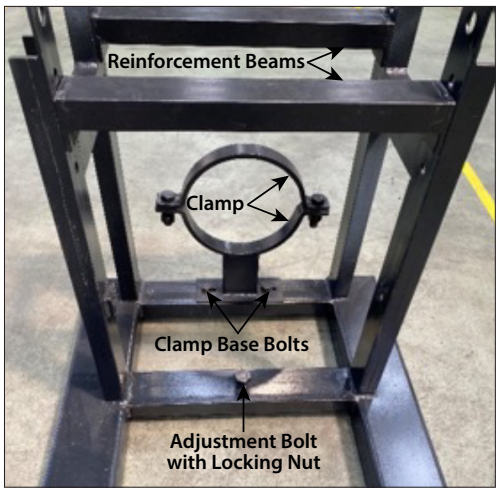


⚠ WARNING

- **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, and foot protection.**

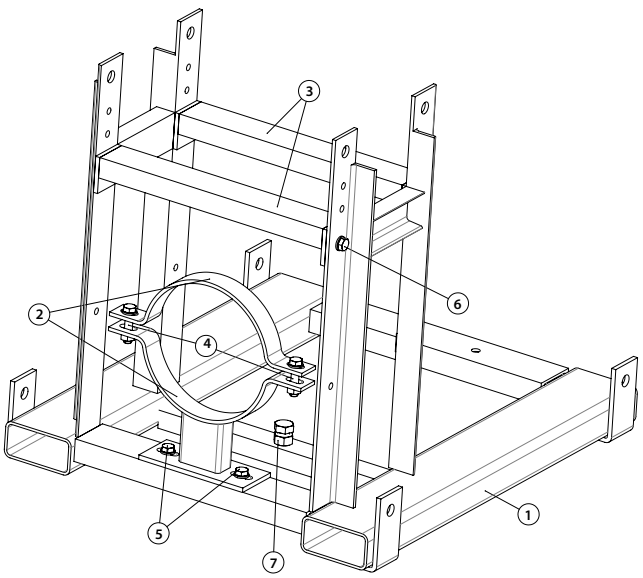
Failure to follow these instructions could result in death or serious personal injury and property damage.

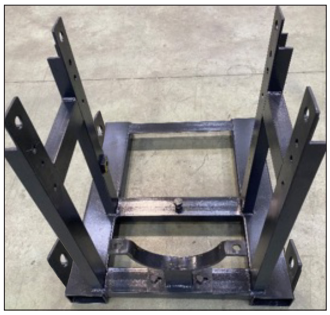
The Series 725 Valve Frame is designed to support and anchor Series 725S Diverter Valves and Series 725T Diverter Valves for shipping, installation, use, and removal. The Series 725 Valve Frame shall not be used with any other valves. Installation and commissioning shall be performed only by professionals who follow all jobsite safety practices and code requirements The following instructions are specific and limited to the requirements of the Series 725 Valve Frame.



1. VERIFY CONTENTS OF SHIPMENT:
Upon receipt of the Series 725 Valve Frame, verify the contents of the shipment against the packing slip. If any parts are damaged or missing, contact Victaulic.

Item	Qty.	Description	Notes
1	1	Base	–
2	2	Clamp	–
3	2	Reinforcement Beam	–
4	2	Clamp Hardware	Hex Bolt M16x70/Heavy Hex Nut M16/Flat Washer M16
5	2	Clamp Base Hardware	Hex Bolt M16x50/Heavy Hex Nut M16/Flat Washer M16
6	4	Reinforcement Beam Hardware	Hex Bolt M16x50/Heavy Hex Nut M16/Flat Washer M16
7	1	Adjustment Hardware	Hex Bolt M24x70/Heavy Hex Nut M16

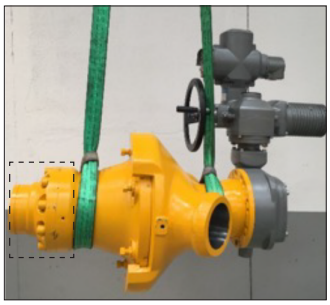




2. PREPARE FRAME FOR PLACEMENT OF VALVE:
Remove the two reinforcement beams and the top section of the clamp. Keep the clamp hardware for reinstallation in step 7.

Loosen, but do not remove, the clamp base bolts. These bolts will be tightened completely in step 8.

Tighten the adjustment bolt/locking nut to the frame to allow clearance for aligning the valve body with the lateral bolts in step 6. This bolt/locking nut will be adjusted to contact the bottom of the valve body in step 9.



3. REMOVE EXISTING LIFTING HARDWARE:
Remove the lateral lifting eye bolts (if installed). These lateral thread locations will be used to secure the valve body to the frame in step 6.

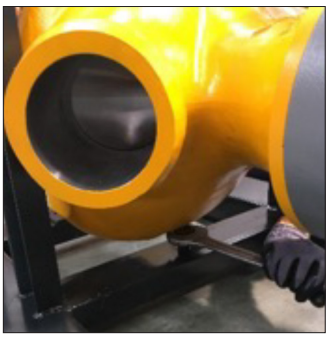
4. LIFT VALVE WITH PROPERLY-RATED SLINGS:
Lift the valve with slings that are properly rated for the weight of the valve assembly, as shown to the left. Keep the valve as balanced as possible during the lifting process to prevent uncontrolled movement. DO NOT engage the sling with the circumference of the inlet cap (identified to the left), as the clamp will engage with this area in step 7.

5. PLACE VALVE INTO FRAME:
Place the valve into the frame with the inlet cap area resting on the bottom section of the clamp. DO NOT remove the slings at this time. The valve shall be parallel to the frame so that the valve outlets are facing the open ends of the frame.

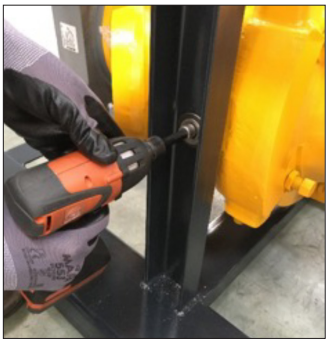
6. INSTALL VALVE SECURING HARDWARE:
Align the valve body's lateral thread locations with the frame's lateral bolt hole locations. Install the provided valve securing hardware through the frame and into the valve body on both sides. DO NOT tighten this hardware completely until instructed to do so in step 11.

7. INSTALL TOP SECTION OF CLAMP:
Place the top section of the clamp over the inlet cap, as shown to the left. Reinstall and completely tighten the clamp hardware that was removed in step 2.

8. COMPLETELY TIGHTEN CLAMP BASE BOLTS:
Completely tighten the two clamp base bolts.

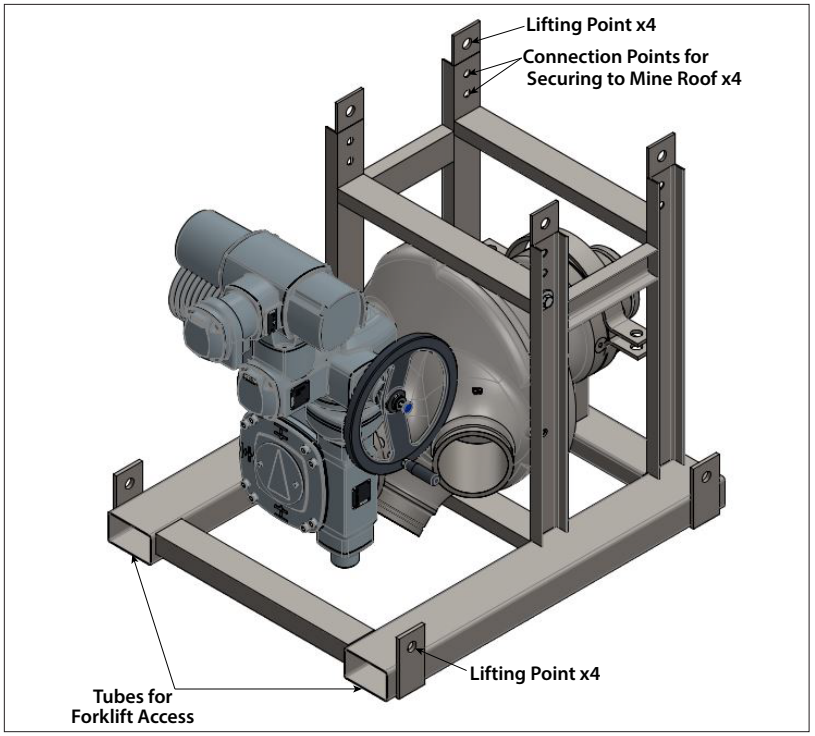


9. RAISE ADJUSTMENT BOLT:
Thread the adjustment bolt up until it contacts the bottom of the valve body. Tighten the locking nut up against the bottom of the adjustment bolt head to prevent the bolt from loosening.



10. INSTALL REINFORCEMENT BEAMS AND HARDWARE:
Place the reinforcement beams in the slots at the same height as the other two horizontal fixed beams. Install and completely tighten the provided hardware for each reinforcement beam.

11. COMPLETELY TIGHTEN VALVE SECURING HARDWARE:
Completely tighten the valve securing hardware that was installed step 6, then remove the slings from around the valve body.



12. PLACE VALVE INTO SERVICE:
The valve is now ready to be lifted and secured to the mine roof. Refer to the image to the left, along with the "Series 725S/725T Frame Lifting Methods" section below:

- The hole at the top of each support column is a lifting point
- The bracket at each corner of the base is a lifting point
- The base contains tubes for forklift access
- The sets of two holes below each lifting point hole are connection points for securing to the mine roof

The system designer is responsible for verifying that the method of attachment will support the combined weight of the valve and frame.

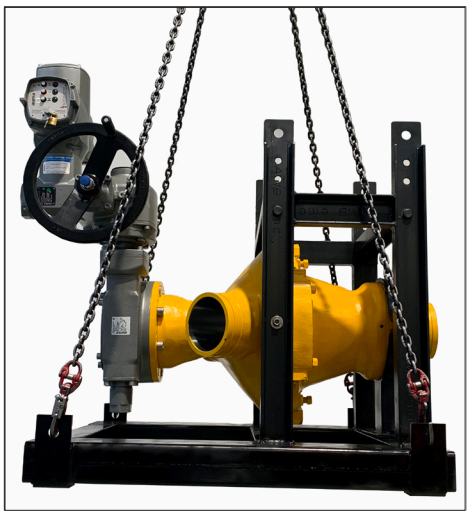
Always reference all instructions in the I-725S or I-725T Installation and Operating Instructions that are supplied with the valve.

⚠ WARNING

- **Due to the weight of the valve/frame assembly, care shall be taken during mechanical lifting to prevent uncontrolled movement of the assembly.**

Failure to follow this instruction could result in death or serious personal injury and property damage.

Series 725S/725T Frame Lifting Methods



Transporting the Series 725S/725T Using Lower Frame Lifting Points

Transporting the Series 725S/725T Using Upper Frame Lifting Points

Transporting the Series 725S/725T Using a Forklift

Series 725 Valve Frame