

# Installation & Operating Instructions

For

**Dixon Bayco**

**6400 Drop Elbows**

**For Sales and Service Contact**

**USA:**

Dixon Bayco USA  
Chestertown, Maryland  
Phone: 410-778-2000  
Fax: 410-778-4702  
Toll Free: 800-355-1991  
E-mail: [dixonbayco@dixonvalve.com](mailto:dixonbayco@dixonvalve.com)

**Canada:**

Dixon Group Canada Limited  
Innisfil (Barrie), Ontario  
Phone: 705-436-1125  
Fax: 705-436-6251  
Toll Free: 877-963-4966  
E-mail: [isales@dixongroupcanada.com](mailto:isales@dixongroupcanada.com)

**Europe:**

Dixon Group Europe Ltd  
Preston, England  
Phone: +44 (0)1772 323529  
Fax: +44 (0)1772 314664  
E-mail: [enquiries@dixoneurope.co.uk](mailto:enquiries@dixoneurope.co.uk)

**Asia Pacific:**

Dixon (Asia Pacific) Pty Ltd Wingfield,  
South Australia  
Phone: +61 8 8202 6000  
Fax: +61 8 8202 6099  
E-mail: [enquiries@dixonvalve.com.au](mailto:enquiries@dixonvalve.com.au)

**Mexico:**

Dixva, S. de R.L. de C.V.  
Monterrey, N.L.  
Phone: 01-800-00-DIXON (34966)  
Fax: 01-81-8354-8197  
E-mail: [contactenos@dixonvalve.com.mx](mailto:contactenos@dixonvalve.com.mx)



*The Right Connection®*

[dixonvalve.com](http://dixonvalve.com)



This elbow is designed for use with standard 4" top seal service station adapters. To properly operate and maintain your Dixon Bayco 6400 series elbow the following instructions are provided. Please read with care as improper handling or maintenance may cause a hazardous condition.

**⚠ Do not modify your Dixon Bayco 6400 series elbow for any reason. It can result in a hazardous condition due to operating difficulties or operation malfunction. Disassembly or tampering will void the product warranty.**

**⚠ Never smoke or allow an open flame near your dispenser when handling volatile materials such as gasoline and fuels. An explosion could result. Remember safety is everyone's business.**

### Installation

1. When the 6400 Series elbow is shipped, the sight glass and gaskets are in a plastic bag attached to the elbow. These must be installed with the required mating Dixon Bayco inlet (3" or 4" male or female purchased separately). Take the sight glass and gaskets out of the plastic bag and place one gasket inside the elbow inlet end and make sure it is sealed evenly.
2. Carefully (keep straight) slide the sight glass into the inlet end and onto the installed gasket.
3. Place the other gasket inside the inlet and on the sight glass.
4. Attach the mating inlet using the four socket head cap screws supplied.
5. Coat cap screws with anti-seize compound.

### Lubricate Stem

This product has been assembled with anti-seize compound and lubricated for easy maintenance and trouble-free service. However, we recommend lubricating the stem through the grease nipple using lithium based or quality automotive type grease prior to service. It is recommended to apply lubricant to grease nipple, cam arm bearings, and other moving parts every month. Monthly inspection and lubrication become mandatory for items that are seldom used. Condensation, rain and road salts can cause corrosion build-up and binding when product not in use.

### Check Operation

Place elbow bottom end on service station adapter (elbow is designed for use with 4" top seal adapter only). Move operators handle to 11 o'clock the open/unclamped position. Release and hold the safety latch if equipped with one. Move the handle clockwise to 2 o'clock position for full clamping (lever cannot be moved any farther). Check locking arms on adapter. If the elbow is fitted with a safety latch, make sure the stem pin is in the latch notch, preventing movement of operating handle. Release by moving handle to 11 o'clock. If fitted with safety latch, lift the latch lever and operating lever at the same time.

### Care and Handling

Dixon Bayco drop elbows are tested at the factory and are in proper working condition when shipped. Drop elbows are designed to be tough and to provide long service with reasonable care and handling. To ensure long service, Dixon Bayco elbows should not be thrown, dropped or dragged; such actions may compromise the integrity and reduce the service life of the product.

### Inspection

Drop elbows can fail to operate if not properly maintained. If the 6400 elbow develops any problems, remove from service and contact your Dixon Bayco distributor describing the difficulty. The distributor will provide further instructions repair and warranty of the product.

Elbows should be inspected monthly. Check the main gasket seal, the sight glass, and the flange where the base is attached to the elbow body for any signs of leakage. Change seals if necessary. Check the sight glass for cracks or damage and replace if needed. Check and tighten all fasteners periodically. Lubricate the lever stem. Check the bushings and replace if cracked or worn, and change if required. Check operation as per above.

Regularly replace bushings. All Dixon Bayco 6200 and 6400 series elbows contain polymer bushings, which protect and extend service life of bronze locking arms. The bushings are designed to wear (instead of bronze arms) and should be replaced every few months. Operators must be encouraged to inspect and replace polymer bushings to obtain maximum elbow performance and longevity.

### Optional Accessories

The following are included on specific 6400 elbows and are available as optional accessories for other 6400 elbows:

#### **Extension kit # 6400EXT**

Installation instructions are included with the items when ordered for retrofit.

### Dixon Bayco Warranty

For complete warranty information, please refer to the latest Dixon catalog.