

Maintenance & Operating Instructions

For

Dixon Bayco

DBV SERIES 2", 3" AND 4"

ALUMINUM GROOVE STYLE CLAMPS



The Right Connection®

dixonvalve.com

Clamp pressure ratings

2"	250 PSI
3"	170 PSI
4"	120 PSI



Lubrication

Before installing the gasket, thoroughly lubricate the gasket exterior, gasket lips and housing interior. Also lubricate the pipe ends. Lubrication is required to prevent gasket pinching and facilitate installation.

Lubricant must be compatible with gasket material and material being transported.

We recommend Dixon part number GROOVLUB32 lubricant.

Bolt Torque

Torque the bolts until metal to metal contact occurs at the pipe grooves, (about 20 ft-lbs). Bolts must be tightened evenly to prevent gasket pinching and clamp breaking. DO NOT tighten one side then the other. Over-torquing will not improve sealing and may result in failure of the clamps. Do not torque bolts over 30 ft-lbs.

Pipe Supports

Piping joined with groove style fittings requires support to carry the weight of the piping and equipment. The groove style clamps are designed to hold the two pipe halves together and prevent leakage but are not designed to support a bending or moment load or to compensate for misaligned piping.

It is important that all installation procedures be followed, including maintaining pipe and clamp alignment during bolt tightening. A failure to use proper installation methods can potentially cause the clamp to fail, which could result in environmental damage or injury.

Poor technique used during installation of Bayco DBV series aluminum bolted clamps may cause breakage or stress cracks. These stress cracks may not be visible during installation. But a stress crack in the DBV series aluminum clamp can propagate across the fitting causing the clamp to fail at a later time.

Inspection & Maintenance

Installed clamps should be periodically inspected for stress fractures, corrosion, and to ensure that the pipe and clamp are properly supported. A clamp with visible stress cracks or excessive corrosion should be immediately replaced with a new clamp.

Warning!

Piping must be fully depressurized and drained before removal of the clamp bolts for maintenance. Failure to do so may result in serious personal injury. Always wear safety glasses and protective equipment when installing or removing these clamps.

Dixon Warranty:

For warranty Information, please refer to the inside back cover of the latest Dixon catalogue.

For Sales and Service Contact

Europe:
 Dixon Group Europe Ltd.
 Preston, England
 Phone: +44 (0) 1772 323529
 Fax: +44 (0) 1772 314664
 Email: enquiries@dixoneurope.co.uk

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

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

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

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



The Right Connection®

dixonvalve.com